Type	Function #	Requirement Statement	Line #
FE	F1.1.5	Forecast Atmospheric Conditions	1
FR	F1.1.5	The NextGen NAS shall forecast Atmospheric and space conditions (with probability).	2
FE	F1.1.5.1	Forecast Surface Weather	3
FR	F1.1.5.1	The NextGen NAS shall forecast surface atmospheric conditions.	4
FE	F1.1.5.2	Forecast Weather Aloft	5
FR	F1.1.5.2	The NextGen NAS shall forecast weather conditions aloft.	6
FE	F1.1.5.1.2	Forecast Frost	17
FR	F1.1.5.1.2-1	The NextGen NAS shall forecast the location of frost.	18
FR	F1.1.5.1.2-2	The NextGen NAS shall forecast the location of frost in Super Density Terminal Airspace.	19
FR	F1.1.5.1.2-3	The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	20
FR	F1.1.5.1.2-4	The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	21
FR	F1.1.5.1.2-5	The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	22
FR	F1.1.5.1.2-6	The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	23
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	24
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	25
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	26
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	27
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	28

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	29
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	30
FR	F1.1.5.1.2-6	The NextGen NAS shall forecast frost at the surface in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	31
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	37
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	38
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	39
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	40
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	41
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	42
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	43
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	44
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	45
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	46

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	47
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	48
PR		The NextGen NAS shall forecast frost in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	49
FE	F1.1.5.1.3	Forecast Surface Winds	102
FR	F1.1.5.1.3.1	The NextGen NAS shall forecast winds from the surface to the top of the NAS.	103
FE	F1.1.5.2.1	Forecast Winds Aloft	104
FR	F1.1.5.2.1	The NextGen NAS shall forecast winds aloft from 6,000 ft to the top of the NAS.	105
FE	F1.1.5.1.3.1	Forecast Wind Direction	106
FE	F1.1.5.2.1.1	Forecast Wind Direction Aloft	107
FE	F1.1.5.1.3.1/F1.15.2.1.1	Forecast Wind Direction from Surface to Top of NAS	108
FR	F1.1.5.1.3.1/F1.15.2.1.1-1	The NextGen NAS shall forecast the wind direction from the surface to the top of the NAS.	109
FR	F1.1.5.1.3.1/F1.15.2.1.1-2	The NextGen NAS shall forecast wind direction in degrees to plus or minus 5 degrees from the surface to the top of the NAS.	110
FR	F1.1.5.1.3.1/F1.15.2.1.1-3	The NextGen NAS shall forecast wind direction in degrees to the nearest 10 degrees from the surface to the top of the NAS.	111
FR	F1.1.5.1.3.1/F1.15.2.1.1-4	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace.	112
FR	F1.1.5.1.3.1/F1.15.2.1.1-5	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	113
FR	F1.1.5.1.3.1/F1.15.2.1.1-6	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	114
FR	F1.1.5.1.3.1/F1.15.2.1.1-7	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	115
FR	F1.1.5.1.3.1/F1.15.2.1.1-8	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	116

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	117
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	118
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	119
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	120
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	121
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	122
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	123
FR	F1.1.5.1.3.1/F1.15.2.1.1-9	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	124
FR	F1.1.5.1.3.1/F1.15.2.1.1-10	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	125
FR	F1.1.5.1.3.1/F1.15.2.1.1-11	The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	126
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	132
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	133
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	134

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	135
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	136
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	137
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	138
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	139
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	140
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	141
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	142
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1 km for forecasts greater than 24 hours and less than or equal to 60 hours.	143
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2 km for forecasts greater than 60 hours and less than or equal to 14 days.	144
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12 km for forecasts greater than 14 days and less than or equal to 90 days.	145
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	146
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	147

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	148
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	149
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	150
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	151
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	152
PR		The NextGen NAS shall forecast wind direction in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	153
FE	F1.1.5.1.3.2	Forecast Wind Speed	214
FE	5.2.1.2	Forecast Wind Speed Aloft	215
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-1	The NextGen NAS shall forecast the wind speed from the surface to the top of the NAS at other than designated airports.	217
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-2	The NextGen NAS shall forecast wind speed in nautical miles per hour from the surface to the top of the NAS.	218
PR		The NextGen shall forecast wind speed in nautical miles per hour plus or minus 1 nmi per hour up to 10 nmi from the surface to the top of the NAS.	219
PR		The NextGen NAS shall forecast wind speed with an accuracy of plus or minus 10% from the surface to the top of the NAS when wind speed is above 10 nautical miles per hour. .	220
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-3	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace.	221
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-4	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	222
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-5	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	223

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-6	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	224
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-7	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	225
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	226
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	227
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	228
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	229
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	230
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	231
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	232
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-8	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	233
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-9	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	234
FR	F1.1.5.1.3.2/5.2.1.2/5.1.11.2-10	The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	235
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	241

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	242
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	243
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	244
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	245
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	246
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	247
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	248
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	249
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	250
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	251
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	252
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	253

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	254
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	255
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	256
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	257
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	258
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	259
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	260
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	261
PR		The NextGen NAS shall forecast wind speed in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	262
FE	F1.1.5.1.3.3	Forecast occurrence of variable winds	324
FR	F1.1.5.1.3.3-1	The NextGen NAS shall forecast the occurrence of variable winds.	325
FR	F1.1.5.1.3.3-2	The NextGen NAS shall forecast variable winds in degrees to the nearest 10 degrees at the surface .	326
FR	F1.1.5.1.3.3-3	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace.	328
FR	F1.1.5.1.3.3-4	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	329
FR	F1.1.5.1.3.3-5	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	330

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.3.3-6	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	331
FR	F1.1.5.1.3.3-7	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	332
FR	F1.1.5.1.3.3-8	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	333
FR	F1.1.5.1.3.3-9	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	334
FR	F1.1.5.1.3.3-10	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	335
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	336
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	337
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	338
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	339
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	340
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	341
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	342

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.3.3-11	The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	343
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	350
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	351
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	352
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	353
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	354
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	355
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	356
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	357
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	358
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	359
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	360
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	361

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast variable winds in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	362
FE	F1.1.5.1.3.6.1	Forecast Wind Gust Speed	425
FR	F1.1.5.1.3.6.1-1	The NextGen NAS shall forecast the wind gust speed in nautical miles per hour from the surface to the top of the NAS.	426
PR		The NextGen shall forecast wind gust speed in nautical miles per hour plus or minus 1 nmi per hour up to 10 nmi from the surface to the top of the NAS.	427
PR		The NextGen shall forecast wind gust speed in nautical miles per hour plus or minus 10% nmi above 10 nmi from the surface to the top of the NAS.	428
FR	F1.1.5.1.3.6.1-2	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace.	429
FR	F1.1.5.1.3.6.1-3	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	430
FR	F1.1.5.1.3.6.1-4	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	431
FR	F1.1.5.1.3.6.1-5	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	432
FR	F1.1.5.1.3.6.1-6	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	433
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	434
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	435
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	436
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	437
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	438

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	439
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	440
FR	F1.1.5.1.3.6.1-7	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	441
FR	F1.1.5.1.3.6.1-8	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	442
FR	F1.1.5.1.3.6.1-9	The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	443
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	449
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	450
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	451
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	452
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	453
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	454
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	455
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	456

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	457
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	458
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	459
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	460
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	461
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	462
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	463
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	464
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	465
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	466
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	467
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	468

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	469
PR		The NextGen NAS shall forecast wind gust speed in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	470
FE	F1.1.5.1.3.6.2	Forecast Wind Gust Direction	531
FR	F1.1.5.1.3.6.2-1	The NextGen NAS shall forecast the wind gust direction in degrees to the nearest 10 degrees from the surface to the top of the NAS.	532
FR	F1.1.5.1.3.6.2-2	The NextGen NAS shall forecast the wind gust direction in degrees to the nearest 10 degrees from the surface to the top of the NAS.	533
FR	F1.1.5.1.3.6.2-3	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace.	534
FR	F1.1.5.1.3.6.2-4	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	535
FR	F1.1.5.1.3.6.2-5	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	536
FR	F1.1.5.1.3.6.2-6	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	537
FR	F1.1.5.1.3.6.2-7	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	538
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	539
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	540
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	541
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	542

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	543
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	544
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	545
FR	F1.1.5.1.3.6.2-8	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	546
FR	F1.1.5.1.3.6.2-9	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	547
FR	F1.1.5.1.3.6.2-10	The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	548
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	554
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	555
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	556
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	557
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	558
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	559
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	560

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	561
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	562
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	563
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	564
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	565
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	566
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	567
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	568
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	569
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	570
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	571
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	572

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	573
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	574
PR		The NextGen NAS shall forecast wind gust direction in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	575
FE	F1.1.5.1.5.1.4	Forecast Airport Surface Temperature	731
FE	F1.1.5.2.8.5	Forecast Temperature Aloft	731
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-1	The NextGen NAS shall forecast the temperature aloft.	736
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-2	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace.	740
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-3	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	741
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-4	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	742
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-5	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	743
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-6	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	744
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	745
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	746
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	747

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	748
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	749
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	750
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	751
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-7	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	752
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-8	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	753
FR	F1.1.5.1.5.1.4/F1.1.5.2.8.5-9	The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	754
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	760
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	761
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	762
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	763
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	764
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	765

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	766
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	767
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	768
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	769
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	770
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	771
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	772
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	773
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	774
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	775
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	776
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	777
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	778

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	779
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	780
PR		The NextGen NAS shall forecast temperature in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	781
FE	F1.1.5.1.4.1	**Forecast Airport Surface Dewpoint Temperature**	842
FR	F1.1.5.1.4.1	The NextGen NAS shall forecast the surface dewpoint temperature in degrees Celsius.	843
FE	F1.1.5.2.8.5	Forecast Dew Point Temperature Aloft	844
FR	F1.1.5.1.4.1/5.2.8.5-1	The NextGen NAS shall forecast the dew point temperature in degrees Celsius from the surface to the top of the NAS.	845
PR		The NextGen shall forecast the dew point in degrees Celsius plus or minus 2.2 degrees C for dew point temperatures from -34 C to -24C from the surface to the top of the NAS in increments of 0.1 degrees C.	847
PR		The NextGen shall forecast the dew point in degrees Celsius plus or minus 1.7 degrees C for dew point temperatures greater than -24C to --1C from the surface to the top of the NAS in increments of 0.1 degrees C.	848
PR		The NextGen shall forecast the dew point in degrees Celsius plus or minus 1.1 degrees C for dew point temperatures greater than -1C to +30C from the surface to the top of the NAS in increments of 0.1 degrees C.	849
FR	F1.1.5.1.4.1/5.2.8.5-2	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace.	850
FR	F1.1.5.1.4.1/5.2.8.5-3	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	851
FR	F1.1.5.1.4.1/5.2.8.5-4	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	852
FR	F1.1.5.1.4.1/5.2.8.5-5	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	853
FR	F1.1.5.1.4.1/5.2.8.5-6	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	854

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	855
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	856
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	857
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	858
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	859
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	860
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	861
FR	F1.1.5.1.4.1/5.2.8.5-7	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	862
FR	F1.1.5.1.4.1/5.2.8.5-8	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	863
FR	F1.1.5.1.4.1/5.2.8.5-9	The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	864
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	870
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	871
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	872

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	873
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	874
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	875
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	876
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	877
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	878
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	879
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	880
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	881
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	882
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	883
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	884

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	885
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	886
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	887
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	888
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	889
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	890
PR		The NextGen NAS shall forecast dewpoint temperature in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	891
FE	F1.1.5.1.4.3	**Forecast Runway Temperature**	954
PR		The NextGen shall forecast the runway temperature in degrees Celsius plus or minus 1.1 degrees C from -62 C to -50C at the surface in increments of 0.1 degrees C.	957
PR		The NextGen shall forecast the runway temperature in degrees Celsius plus or minus 0.6 degrees C for temperatures greater than -50C to +50C at the surface in increments of 0.1 degrees C.	958
PR		The NextGen shall forecast the runway temperature in degrees Celsius plus or minus 1.1 degrees C for temperatures greater than +50C to +54C at the surface in increments of 0.1 degrees C.	959
FR	F1.1.5.1.4.3-1	The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace.	960
FR	F1.1.5.1.4.3-2	The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	961

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.4.3-3	The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	962
FR	F1.1.5.1.4.3-4	The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	963
FR	F1.1.5.1.4.3-5	The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	964
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	965
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	966
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	967
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	968
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	969
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	970
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	971
FR	F1.1.5.1.4.3-6	The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	972
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	978

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	979
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	980
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	981
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	982
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	983
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	984
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	985
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	986
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	987
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	988
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	989
PR		The NextGen NAS shall forecast surface runway temperature in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	990
FE	F1.1.5.1.5	Forecast Airport Surface Obscurations	1020
FE	F1.1.5.2.4	**Forecast Locations of Obscurations Aloft**	1022

Type	Function #	Requirement Statement	Line #
		Forecast Type of Obscuration Aloft	
FE	F1.1.5.1.5.1.1	Forecast Airport Location of Fog	1026
FR	F1.1.5.1.5.1.1-1	The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1028
FR	F1.1.5.1.5.1.1-2	The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1029
FR	F1.1.5.1.5.1.1-3	The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1030
FR	F1.1.5.1.5.1.1-4	The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1031
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1032
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1033
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1034
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1035
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1036
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1037
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1038
FR	F1.1.5.1.5.1.1-5	The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1039

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.1.1-6	The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1040
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1046
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1047
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1048
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1049
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1050
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 1,000 ft for forecasts from 0 to 12 hours.	1051
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 1,000 ft for forecasts greater than 12 hours and less than or equal to 90 days.	1052
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1053
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1054
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1055
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1056
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1057

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1058
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1059
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1060
FE	F1.1.5.1.5.1.2	**Forecast Airport Location of Haze**	1065
FR	F1.1.5.1.5.1.2-1	The NextGen NAS shall forecast haze in the terminal area of super-density airports from the surface to the top of the NAS.	1066
FR	F1.1.5.1.5.1.2-2	The NextGen NAS shall forecast haze in Super Density Terminal Airspace.	1067
FR	F1.1.5.1.5.1.2-3	The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1068
FR	F1.1.5.1.5.1.2-4	The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1069
FR	F1.1.5.1.5.1.2-5	The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1070
FR	F1.1.5.1.5.1.2-6	The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1071
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1072
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1073
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1074
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1075

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1076
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1077
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1078
FR	F1.1.5.1.5.1.2-7	The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1079
FR	F1.1.5.1.5.1.2-8	The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1080
FR	F1.1.5.1.5.1.2-9	The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	1081
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	1087
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	1088
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	1089
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	1090
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	1091
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	1092
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	1093

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	1094
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	1095
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1096
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1097
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1098
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1099
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1100
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1101
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1102
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1103
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1104
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1105
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1106

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1107
PR		The NextGen NAS shall forecast haze in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1108
FE	F1.1.5.1.5.1.3	**Forecast Airport Location of Smoke**	1109
FR	F1.1.5.1.5.1.3-1	The NextGen NAS shall forecast smoke in the terminal area of super-density airports from the surface to the top of the NAS.	1110
FR	F1.1.5.1.5.1.3-2	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace.	1111
FR	F1.1.5.1.5.1.3-3	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1112
FR	F1.1.5.1.5.1.3-4	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1113
FR	F1.1.5.1.5.1.3-5	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1114
FR	F1.1.5.1.5.1.3-6	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1115
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1116
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1117
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1118
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1119
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1120

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1121
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1122
FR	F1.1.5.1.5.1.3-7	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1123
FR	F1.1.5.1.5.1.3-8	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1124
FR	F1.1.5.1.5.1.3-9	The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	1125
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	1131
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	1132
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	1133
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	1134
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	1135
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	1136
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	1137
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	1138

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	1139
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1140
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1141
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1142
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1143
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1144
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1145
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1146
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1147
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1148
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1149
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1150
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1151

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast smoke in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1152
FE	F1.1.5.1.5.1.4	Forecast Airport Location of Volcanic Ash	1153
FR	F1.1.5.1.5.1.4-1	The NextGen NAS shall forecast volcanic ash in the terminal area of super-density airports from the surface to the top of the NAS.	1154
FR	F1.1.5.1.5.1.4-2	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace.	1155
FR	F1.1.5.1.5.1.4-3	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1156
FR	F1.1.5.1.5.1.4-4	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1157
FR	F1.1.5.1.5.1.4-5	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1158
FR	F1.1.5.1.5.1.4-6	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1159
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1160
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1161
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1162
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1163
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1164
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1165

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1166
FR	F1.1.5.1.5.1.4-7	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1167
FR	F1.1.5.1.5.1.4-8	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1168
FR	F1.1.5.1.5.1.4-9	The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	1169
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	1175
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	1176
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	1177
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	1178
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	1179
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	1180
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	1181
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	1182
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	1183

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1184
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1185
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1186
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1187
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1188
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1189
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1190
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1191
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1192
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1193
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1194
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1195
PR		The NextGen NAS shall forecast volcanic ash in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1196

Type	Function #	Requirement Statement	Line #
FE	F1.1.5.1.5.1.5	**Forecast Airport Location of Mist**	1197
FR	F1.1.5.1.5.1.5-1	The NextGen NAS shall forecast mist in the terminal area of super-density airports from the surface to the top of the NAS.	1198
FR	F1.1.5.1.5.1.5-2	The NextGen NAS shall forecast mist in Super Density Terminal Airspace.	1199
FR	F1.1.5.1.5.1.5-3	The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1200
FR	F1.1.5.1.5.1.5-4	The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1201
FR	F1.1.5.1.5.1.5-5	The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1202
FR	F1.1.5.1.5.1.5-6	The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1203
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1204
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1205
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1206
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1207
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1208
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1209
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1210

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.1.5-7	The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1211
FR	F1.1.5.1.5.1.5-8	The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1212
FR	F1.1.5.1.5.1.5-9	The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	1213
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	1219
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	1220
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	1221
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	1222
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	1223
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	1224
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	1225
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	1226
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	1227
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1228

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1229
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1230
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1231
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1232
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1233
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1234
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1235
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1236
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1237
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1238
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1239
PR		The NextGen NAS shall forecast mist in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1240
FE	F1.1.5.1.5.1.6	Forecast Airport Location of Dust	1241
FR	F1.1.5.1.5.1.6-1	The NextGen NAS shall forecast dust in the terminal area of super-density airports from the surface to the top of the NAS.	1242

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.1.6-2	The NextGen NAS shall forecast dust in Super Density Terminal Airspace.	1243
FR	F1.1.5.1.5.1.6-3	The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1244
FR	F1.1.5.1.5.1.6-4	The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1245
FR	F1.1.5.1.5.1.6-5	The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1246
FR	F1.1.5.1.5.1.6-6	The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1247
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1248
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1249
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1250
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1251
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1252
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1253
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1254
FR	F1.1.5.1.5.1.6-7	The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1255
FR	F1.1.5.1.5.1.6-8	The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1256

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.1.6-9	The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	1257
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	1263
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	1264
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	1265
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	1266
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	1267
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	1268
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	1269
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	1270
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	1271
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1272
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1273
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1274

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1275
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1276
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1277
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1278
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1279
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1280
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1281
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1282
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1283
PR		The NextGen NAS shall forecast dust in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1284
FE	F1.1.5.1.5.1.10	**Forecast Airport Location of Ice Fog**	1285
FR	F1.1.5.1.5.1.10-1	The NextGen NAS shall forecast ice fog in the terminal area of super-density airports from the surface to the top of the NAS.	1286
FR	F1.1.5.1.5.1.10-2	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace.	1287
FR	F1.1.5.1.5.1.10-3	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1288
FR	F1.1.5.1.5.1.10-4	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1289

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.1.10-5	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1290
FR	F1.1.5.1.5.1.10-6	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1291
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1292
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1293
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1294
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1295
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1296
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1297
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1298
FR	F1.1.5.1.5.1.10-7	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1299
FR	F1.1.5.1.5.1.10-8	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1300
FR	F1.1.5.1.5.1.10-9	The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	1301
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	1307

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	1308
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	1309
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	1310
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	1311
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	1312
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	1313
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	1314
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	1315
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1316
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1317
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1318
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1319

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1320
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1321
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1322
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1323
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1324
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1325
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1326
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1327
PR		The NextGen NAS shall forecast ice fog in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1328
FE	F1.1.5.2.3	Forecast Location of Clouds	1334
FR	F1.1.5.2.3-1	The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1335
FR	F1.1.5.2.3-2	The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1336
FR	F1.1.5.2.3-3	The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1337

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.3-4	The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1338
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1339
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1340
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1341
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1342
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1343
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1344
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1345
FR	F1.1.5.2.3-5	The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a horizontal resolution equal to 1/2 km for all forecasts.	1346
FR	F1.1.5.2.3-6	The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a vertical resolution equal to 100 feet for all forecasts.	1347
FR	F1.1.5.2.3-7	The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a vertical resolution equal to 500 feet for all forecasts.	1348

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	1354
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	1355
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	1356
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	1357
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	1358
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	1359
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	1360
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	1361
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	1362
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1363
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1364

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1365
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1366
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1367
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1368
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1369
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1370
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1371
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1372
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1373
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1374
PR		The NextGen NAS shall forecast cloud in Super Density Terminal Airspace from 100 feet to the top of the NAS to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1375
FE	F1.1.5.1.5.7	Forecast Low Drifting Snow at Airports	1376
FR	F1.1.5.1.5.7-1	The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace at the surface.	1378

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.7-2	The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1379
FR	F1.1.5.1.5.7-3	The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1380
FR	F1.1.5.1.5.7-4	The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1381
FR	F1.1.5.1.5.7-5	The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1382
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1383
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1384
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1385
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1386
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1387
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1388
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1389
FR	F1.1.5.1.5.7-6	The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1390
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1396

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1397
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1398
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1399
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1400
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1401
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1402
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1403
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1404
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1405
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1406
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1407
PR		The NextGen NAS shall forecast low drifting snow in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1408
FE	F1.1.5.1.5.8	Forecast Blowing Snow at Airports	1409

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.8-1	The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace at the surface.	1411
FR	F1.1.5.1.5.8-2	The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1412
FR	F1.1.5.1.5.8-3	The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1413
FR	F1.1.5.1.5.8-4	The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1414
FR	F1.1.5.1.5.8-5	The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1415
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1416
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1417
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1418
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1419
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1420
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1421
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1422
FR	F1.1.5.1.5.8-6	The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1423

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1429
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1430
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1431
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1432
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1433
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1434
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1435
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1436
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1437
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1438
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1439
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1440
PR		The NextGen NAS shall forecast blowing snow in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1441

Type	Function #	Requirement Statement	Line #
FE	F1.1.5.1.5.9	Forecast Blowing Spray at Airports	1442
FR	F1.1.5.1.5.9-1	The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace at the surface.	1444
FR	F1.1.5.1.5.9-2	The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1445
FR	F1.1.5.1.5.9-3	The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1446
FR	F1.1.5.1.5.9-4	The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1447
FR	F1.1.5.1.5.9-5	The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1448
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1449
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1450
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1451
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1452
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1453
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1454
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1455
FR	F1.1.5.1.5.9-6	The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1456

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1462
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1463
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1464
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1465
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1466
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1467
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1468
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1469
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1470
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1471
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1472
PR		The NextGen NAS shall forecast blowing spray in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1473
FE	F1.1.5.1.5.10	Forecast Airport Location of Blowing Sand	1475
FR	F1.1.5.1.5.10-1	The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace at the surface.	1477

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.10-2	The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1478
FR	F1.1.5.1.5.10-3	The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1479
FR	F1.1.5.1.5.10-4	The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1480
FR	F1.1.5.1.5.10-5	The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1481
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 5 minutes for forecasts from 0 to 2 hours.	1482
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1483
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 30 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1484
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1485
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 60 minutes for forecasts greater than 24 hours and less than or equal to 60 hours.	1486
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a production rate equal to 24 hours with a latency of less than or equal to 2 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1487
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1488
FR	F1.1.5.1.5.10-6	The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1489
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1495

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1496
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1497
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1498
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1499
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1500
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1501
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1502
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1503
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1504
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1505
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1506
PR		The NextGen NAS shall forecast blowing sand in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1507
FE	F1.1.5.1.5.11	Forecast Airport Location of Drifting Sand	1508

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.11-1	The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace at the surface.	1510
FR	F1.1.5.1.5.11-2	The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	1511
FR	F1.1.5.1.5.11-3	The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	1512
FR	F1.1.5.1.5.11-4	The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	1513
FR	F1.1.5.1.5.11-5	The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	1514
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	1515
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	1516
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	1517
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	1518
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	1519
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	1520
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	1521
FR	F1.1.5.1.5.11-6	The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a horizontal resolution equal to 1/2 km for all forecasts.	1522

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4 km for forecasts from 0 to 4 hours.	1528
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2 km for forecasts greater than 4 hours and less than or equal to 24 hours.	1529
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	1530
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	1531
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	1532
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	1533
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	1534
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	1535
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	1536
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	1537
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	1538
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	1539
PR		The NextGen NAS shall forecast drifting sand in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	1540

Type	Function #	Requirement Statement	Line #
FE	F1.1.5.1.5.2	**Forecast Obscuration Types from Surface to 6,000 ft. MSL for En Route Airspace**	1545
FR	F1.1.5.1.5.2-1	The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	1978
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 1,000 ft for forecasts from 0 to 12 hours.	1986
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 1,000 ft for forecasts greater than 12 hours and less than or equal to 90 days.	1987
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 1,000 ft for forecasts from 0 to 12 hours.	2013
PR		The NextGen NAS shall forecast fog in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 1,000 ft for forecasts greater than 12 hours and less than or equal to 90 days.	2014
FE	F1.1.5.2.8	Forecast Other Weather Aloft	2377
FE	F1.1.5.1.6	Forecast Location of Precipitation	2388
FE	F1.1.5.2.5	Forecast Location of Precipitation Aloft	2390
FE	F1.1.5.1.6.1	Forecast Location of Liquid Precipitation	2392
	F1.1.5.1.6.1	Forecast Location of Rain	
FR	F1.1.5.1.6.1.1-1	The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	2396
FR	F1.1.5.1.6.1.1-2	The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	2397
FR	F1.1.5.1.6.1.1-3	The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	2398
FR	F1.1.5.1.6.1.1-4	The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	2399
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	2400
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	2401

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	2402
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	2403
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	2404
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	2405
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	2406
FR	F1.1.5.1.6.1.1-5	The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	2407
FR	F1.1.5.1.6.1.1-6	The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts from the surface to 4,900 feet.	2408
FR	F1.1.5.1.6.1.1-7	The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts from 5,000 feet to the top of terminal airspace.	2409
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	2415
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	2416
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	2417
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	2418
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	2419

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	2420
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	2421
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	2422
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	2423
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	2424
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	2425
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	2426
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	2427
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	2428
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	2429
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	2430
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	2431
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	2432

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	2433
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	2434
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	2435
PR		The NextGen NAS shall forecast rain in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	2436
	F1.1.5.2.6.3	Forecast Location of Drizzle	
FR	F1.1.5.2.6.3-1	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace.	2498
FR	F1.1.5.2.6.3-2	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	2499
FR	F1.1.5.2.6.3-3	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	2500
FR	F1.1.5.2.6.3-4	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	2501
FR	F1.1.5.2.6.3-5	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	2502
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	2503
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	2504
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	2505
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	2506

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	2507
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	2508
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	2509
FR	F1.1.5.2.6.3-6	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	2510
FR	F1.1.5.2.6.3-7	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	2511
FR	F1.1.5.2.6.3-8	The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	2512
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	2518
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	2519
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	2520
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	2521
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	2522
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	2523
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	2524

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	2525
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	2526
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	2527
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	2528
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	2529
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	2530
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	2531
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	2532
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	2533
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	2534
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	2535
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	2536
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	2537

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	2538
PR		The NextGen NAS shall forecast drizzle in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	2539
FE	F1.1.5.1.6.1.2	Forecast Amount (inches) of Liquid Precipitation	2604
FE	F1.1.5.1.6.1.3	Forecast Rain Rate inches/hour)	2606
FR	F1.1.5.1.6.1.3-1	The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	2612
FR	F1.1.5.1.6.1.3-2	The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	2613
FR	F1.1.5.1.6.1.3-3	The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	2614
FR	F1.1.5.1.6.1.3-4	The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	2615
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	2616
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	2617
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	2618
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	2619
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	2620

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	2621
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	2622
FR	F1.1.5.1.6.1.3-5	The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	2623
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	2629
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	2630
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	2631
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	2632
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	2633
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	2634
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	2635
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	2636
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	2637
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	2638

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	2639
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	2640
PR		The NextGen NAS shall forecast liquid precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	2641
FE	F1.1.5.1.11.9	Forecast Location of Liquid Stratiform Precipitation	2806
		Forecast Location of Freezing Precipitation	
FE	F1.1.5.1.6.2	Forecast Freezing Precipitation Type	2814
FE	F1.1.5.1.6.2.1	Forecast location of Freezing rain	2816
FR	F1.1.5.1.6.2.1-1	The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	2819
FR	F1.1.5.1.6.2.1-2	The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	2820
FR	F1.1.5.1.6.2.1-3	The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	2821
FR	F1.1.5.1.6.2.1-4	The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	2822
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	2823
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	2824
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	2825
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	2826

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	2827
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	2828
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	2829
FR	F1.1.5.1.6.2.1-5	The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	2830
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	2836
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	2837
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	2838
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	2839
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	2840
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	2841
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	2842
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	2843
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	2844

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	2845
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	2846
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	2847
PR		The NextGen NAS shall forecast freezing rain in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	2848
FE	F1.1.5.1.6.2.2	Forecast Location of Freezing Drizzle	2897
FR	F1.1.5.1.6.2.2-1	The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	2900
FR	F1.1.5.1.6.2.2-2	The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	2901
FR	F1.1.5.1.6.2.2-3	The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	2902
FR	F1.1.5.1.6.2.2-4	The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	2903
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	2904
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	2905
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	2906
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	2907

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	2908
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	2909
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	2910
FR	F1.1.5.1.6.2.2-5	The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	2911
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	2917
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	2918
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	2919
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	2920
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	2921
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	2922
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	2923
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	2924
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	2925

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	2926
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	2927
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	2928
PR		The NextGen NAS shall forecast freezing drizzle in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	2929
FE	F1.1.5.5.10	Forecast Freezing Fog at Airport	2978
FR	F1.1.5.5.10-1	The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	2981
FR	F1.1.5.5.10-2	The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	2982
FR	F1.1.5.5.10-3	The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	2983
FR	F1.1.5.5.10-4	The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	2984
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	2985
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	2986
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	2987
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	2988

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	2989
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	2990
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	2991
FR	F1.1.5.5.10-5	The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	2992
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	2998
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	2999
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3000
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3001
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3002
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3003
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3004
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3005
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3006

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3007
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3008
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3009
PR		The NextGen NAS shall forecast freezing fog in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3010
FE	F1.1.5.1.6.2.1	Forecast Ice Accretion Rate	3059
FE	F1.1.5.1.6.2.4	Forecast Surface Icing Accumulation	3061
FR	F1.1.5.1.6.2.4-1	The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	3064
FR	F1.1.5.1.6.2.4-2	The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3065
FR	F1.1.5.1.6.2.4-3	The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3066
FR	F1.1.5.1.6.2.4-4	The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3067
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3068
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3069
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3070

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3071
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3072
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3073
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3074
FR	F1.1.5.1.6.2.4-5	The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3075
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3081
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3082
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3083
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3084
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3085
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3086
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3087
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3088

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3089
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3090
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3091
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3092
PR		The NextGen NAS shall forecast freezing precipitation rate in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3093
FE	F1.1.5.2.2	**Forecast Location of In-flight Icing**	3148
FR	F1.1.5.2.2-1	The NextGen NAS shall forecast icing aloft in mm for drop size of less than 0.05mm in Super Density Terminal Airspace.	3159
FR	F1.1.5.2.2-2	The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	3160
FR	F1.1.5.2.2-3	The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3161
FR	F1.1.5.2.2-4	The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3162
FR	F1.1.5.2.2-5	The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3163
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3164
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3165

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3166
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3167
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3168
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3169
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3170
FR	F1.1.5.2.2-6	The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3171
FR	F1.1.5.2.2-7	The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts up to 4,900 feet.	3172
FR	F1.1.5.2.2-8	The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts above 5,000 feet.	3173
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	3179
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	3180
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	3181
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	3182
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	3183

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	3184
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	3185
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	3186
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	3187
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3188
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3189
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3190
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3191
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3192
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3193
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3194
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3195
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3196

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3197
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3198
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3199
PR		The NextGen NAS shall forecast icing aloft in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3200
FE	F1.1.5.2.2.4	**Forecast Location of Supercooled Large Droplets**	3272
FR	F1.1.5.2.2.4-1	The NextGen NAS shall forecast SLD in mm for drop size of 0.05mm and greater in Super Density Terminal Airspace from 100 ft to the top of the NAS.	3275
FR	F1.1.5.2.2.4-2	The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	3276
FR	F1.1.5.2.2.4-3	The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3277
FR	F1.1.5.2.2.4-4	The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3278
FR	F1.1.5.2.2.4-5	The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3279
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3280
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3281
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3282

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3283
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3284
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3285
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3286
FR	F1.1.5.2.2.4-6	The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3287
FR	F1.1.5.2.2.4-7	The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts up to 4,900 feet.	3288
FR	F1.1.5.2.2.4-8	The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts above 5,000 feet.	3289
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	3295
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	3296
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	3297
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	3298
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	3299
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	3300

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	3301
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	3302
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	3303
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3304
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3305
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3306
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3307
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3308
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3309
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3310
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3311
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3312
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3313

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3314
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3315
PR		The NextGen NAS shall forecast SLD in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3316
FE	F1.1.5.1.6.3	**Forecast Location of Solid Precipitation**	3400
FE	F1.1.5.2.5.2	**Forecast Location of Solid Precipitation Aloft**	3403
FE	F1.1.5.1.6.3.1	**Forecast Location of Snow**	3405
FR	F1.1.5.1.6.3.1-1	The NextGen NAS shall forecast snow in Super Density Terminal Airspace.	3408
FR	F1.1.5.1.6.3.1-2	The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	3409
FR	F1.1.5.1.6.3.1-3	The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3410
FR	F1.1.5.1.6.3.1-4	The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3411
FR	F1.1.5.1.6.3.1-5	The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3412
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3413
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3414
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3415
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3416

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3417
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3418
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3419
FR	F1.1.5.1.6.3.1-6	The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3420
FR	F1.1.5.1.6.3.1-7	The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	3421
FR	F1.1.5.1.6.3.1-8	The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	3422
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	3428
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	3429
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	3430
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	3431
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	3432
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	3433
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	3434

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	3435
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	3436
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3437
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3438
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3439
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3440
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3441
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3442
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3443
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3444
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3445
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3446
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3447

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3448
PR		The NextGen NAS shall forecast snow in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3449
FE	F1.1.5.1.6.3.1.1	Forecast Snow Intensity	3510
FR	F1.1.5.1.6.3.1.1-1	The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	3514
FR	F1.1.5.1.6.3.1.1-2	The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3515
FR	F1.1.5.1.6.3.1.1-3	The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3516
FR	F1.1.5.1.6.3.1.1-4	The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3517
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3518
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3519
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3520
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3521
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3522
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3523

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3524
FR	F1.1.5.1.6.3.1.1-5	The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3525
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3531
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3532
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3533
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3534
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3535
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3536
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3537
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3538
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3539
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3540
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3541

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3542
PR		The NextGen NAS shall forecast snowfall rate in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3543
FE	F1.1.5.1.6.3.1.2	Forecast Snowfall Accumulation	3592
FE	F1.1.5.1.6.3.1.4	Forecast Liquid Water Equivalent of Snowfall Accumulation	3596
FR	F1.1.5.1.6.3.1.4-1	The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	3599
FR	F1.1.5.1.6.3.1.4-2	The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3600
FR	F1.1.5.1.6.3.1.4-3	The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3601
FR	F1.1.5.1.6.3.1.4-4	The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3602
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3603
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3604
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3605
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3606
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3607

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3608
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3609
FR	F1.1.5.1.6.3.1.4-5	The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3610
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3616
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3617
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3618
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3619
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3620
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3621
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3622
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3623
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3624

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3625
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3626
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3627
PR		The NextGen NAS shall forecast water equivalent of frozen precipitation in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3628
FE	F1.1.5.1.6.3.2	**Forecast Location of Hail**	3681
FR	F1.1.5.1.6.3.2-1	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace.	3684
FR	F1.1.5.1.6.3.2-2	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	3685
FR	F1.1.5.1.6.3.2-3	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	3686
FR	F1.1.5.1.6.3.2-4	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	3687
FR	F1.1.5.1.6.3.2-5	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3688
FR	F1.1.5.1.6.3.2-6	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3689
FR	F1.1.5.1.6.3.2-7	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3690
FR	F1.1.5.1.6.3.2-8	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3691
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3692

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3693
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3694
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3695
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3696
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3697
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3698
FR	F1.1.5.1.6.3.2-9	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3699
FR	F1.1.5.1.6.3.2-10	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	3700
FR	F1.1.5.1.6.3.2-11	The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	3701
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	3708
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	3709
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	3710
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	3711

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	3712
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	3713
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	3714
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	3715
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	3716
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3717
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3718
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3719
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3720
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3721
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3722
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3723

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3724
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3725
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3726
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3727
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3728
PR		The NextGen NAS shall forecast the location of hail in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3729
FE	F1.1.5.1.6.3.2.1	Forecast hail size 1/2" or greater	3794
FR	F1.1.5.1.6.3.2.1-1	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace.	3797
FR	F1.1.5.1.6.3.2.1-2	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	3798
FR	F1.1.5.1.6.3.2.1-3	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	3799
FR	F1.1.5.1.6.3.2.1-4	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	3800
FR	F1.1.5.1.6.3.2.1-5	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3801
FR	F1.1.5.1.6.3.2.1-6	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	3802

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.6.3.2.1-7	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	3803
FR	F1.1.5.1.6.3.2.1-8	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	3804
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	3805
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	3806
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	3807
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	3808
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	3809
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	3810
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	3811
FR	F1.1.5.1.6.3.2.1-10	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	3812
FR	F1.1.5.1.6.3.2.1-11	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	3813
FR	F1.1.5.1.6.3.2.1-12	The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	3814
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	3821

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	3822
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	3823
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	3824
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	3825
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	3826
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	3827
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	3828
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	3829
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	3830
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	3831
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	3832

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	3833
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	3834
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	3835
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	3836
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	3837
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	3838
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	3839
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	3840
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	3841
PR		The NextGen NAS shall forecast hail size of 1/2" or greater in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	3842
FE	F1.1.5.1.6.3.3	**Forecast Location of Ice Pellets**	4028
FR	F1.1.5.1.6.3.3-1	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace.	4031
FR	F1.1.5.1.6.3.3-2	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4032

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.6.3.3-3	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4033
FR	F1.1.5.1.6.3.3-4	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4034
FR	F1.1.5.1.6.3.3-5	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4035
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4036
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4037
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4038
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4039
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4040
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4041
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4042
FR	F1.1.5.1.6.3.3-6	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	4043
FR	F1.1.5.1.6.3.3-7	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4044
FR	F1.1.5.1.6.3.3-8	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	4045

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.6.3.3-9	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	4046
FR	F1.1.5.1.6.3.3-10	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	4047
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	4053
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	4054
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	4055
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	4056
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	4057
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	4058
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	4059
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	4060
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	4061
FR	F1.1.5.1.6.3.3-11	The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	4062

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4063
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4064
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4065
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4066
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4067
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4068
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4069
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4070
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4071
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4072
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4073
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4074

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of ice pellets in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4075
FE	F1.1.5.1.6.3.3.2	**Forecast Ice Pellet Intensity**	4138
FE	F1.1.5.1.6.3.4	**Forecast Location of Snow Pellets**	4140
FR	F1.1.5.1.6.3.4-1	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace.	4143
FR	F1.1.5.1.6.3.4-2	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4144
FR	F1.1.5.1.6.3.4-3	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4145
FR	F1.1.5.1.6.3.4-4	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4146
FR	F1.1.5.1.6.3.4-5	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4147
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4148
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4149
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4150
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4151
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4152
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4153

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4154
FR	F1.1.5.1.6.3.4-6	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4155
FR	F1.1.5.1.6.3.4-7	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	4156
FR	F1.1.5.1.6.3.4-8	The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	4157
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	4163
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	4164
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	4165
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	4166
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	4167
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	4168
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	4169
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	4170

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	4171
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4172
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4173
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4174
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4175
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4176
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4177
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4178
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4179
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4180
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4181
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4182

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4183
PR		The NextGen NAS shall forecast the location of snow pellets in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4184
FE	F1.1.5.1.6.3.5	**Forecast Location of Ice Crystals**	4245
FR	F1.1.5.1.6.3.5-1	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace.	4248
FR	F1.1.5.1.6.3.5-2	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4249
FR	F1.1.5.1.6.3.5-3	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4250
FR	F1.1.5.1.6.3.5-4	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4251
FR	F1.1.5.1.6.3.5-5	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4252
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4253
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4254
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4255
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4256
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4257
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4258

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4259
FR	F1.1.5.1.6.3.5-6	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4260
FR	F1.1.5.1.6.3.5-7	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	4261
FR	F1.1.5.1.6.3.5-8	The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	4262
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	4268
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	4269
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	4270
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	4271
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	4272
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	4273
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	4274
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	4275
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	4276

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4277
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4278
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4279
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4280
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4281
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4282
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4283
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4284
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4285
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4286
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4287
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4288
PR		The NextGen NAS shall forecast ice crystals in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4289

Type	Function #	Requirement Statement	Line #
FE	F1.1.5.2.5.4.3	Forecast Snow Density	4354
FR	F1.1.5.2.5.4.3-1	The NextGen NAS shall forecast snow density aloft in grams per cubic meter in Super Density Terminal Airspace from 100 ft to the top of terminal airspace plus or minus 0.1 grams per cubic meter.	4356
FR	F1.1.5.2.5.4.3-2	The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4357
FR	F1.1.5.2.5.4.3-3	The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4358
FR	F1.1.5.2.5.4.3-4	The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4359
FR	F1.1.5.2.5.4.3-5	The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4360
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4361
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4362
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4363
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4364
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4365
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4366
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4367

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.5.4.3-6	The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4368
FR	F1.1.5.2.5.4.3-7	The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts up to 4,900 feet.	4369
FR	F1.1.5.2.5.4.3-8	The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts above 5,000 feet.	4370
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	4376
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	4377
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	4378
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	4379
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	4380
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	4381
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	4382
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 60 hours and less than or equal to 14 days.	4383
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of terminal airspace for forecasts greater than 14 days and less than or equal to 90 days.	4384
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4385

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4386
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4387
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4388
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4389
PR		The NextGen NAS shall forecast liquid precipitation density aloft in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4390
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4391
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4392
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4393
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4394
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4395
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4396
PR		The NextGen NAS shall forecast snow density aloft in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4397
FE	F1.1.5.1.6.3.6	Forecast Water Equivalent of Solid Precipitation over time Increments	4458

Type	Function #	Requirement Statement	Line #
FE	F1.1.5.1.12	Forecast Location of Solid Stratiform Precipitation	4460
FE	F1.1.5.1.7	Forecast Surface Visibility	4472
FE	F1.1.5.1.7.1	Forecast Airport Visibility	4474
FR	F1.1.5.1.7.1-1	The NextGen NAS shall forecast surface visibility in statute miles in Super Density Terminal Airspace at the surface plus or minus 1/8 SM.	4476
FR	F1.1.5.1.7.1-2	The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4477
FR	F1.1.5.1.7.1-3	The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4478
FR	F1.1.5.1.7.1-4	The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4479
FR	F1.1.5.1.7.1-5	The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4480
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4481
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4482
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4483
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4484
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4485
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4486
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4487

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.7.1-6	The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4488
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4494
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4495
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4496
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4497
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4498
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4499
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4500
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4501
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4502
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4503
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4504
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4505

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast surface visibility in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4506
FE	F1.1.5.1.7.2	Forecast RVR	4555
FR	F1.1.5.1.7.2-1	The NextGen NAS shall forecast RVR in Super Density Terminal Airspace.	4558
FR	F1.1.5.1.7.2-2	The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 90 minutes.	4559
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 5 minutes for forecasts from 0 to 90 minutes.	4560
FR	F1.1.5.1.7.2-3	The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4561
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 30 feet for visibilities from 0 to 150 feet for forecasts from 0 to 15 minutes.	4563
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 45 feet for visibilities from 150 up to 700 feet for forecasts from 0 to 15 minutes.	4564
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 60 feet for visibilities from 700 up to 1,199 feet for forecasts from 0 to 15 minutes.	4565
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 75 feet for visibilities from 1,119 up to 1,799 feet for forecasts from 0 to 15 minutes.	4566
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 120 feet for visibilities from 1,799 up to 2,400 feet for forecasts from 0 to 15 minutes.	4567
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 45 feet for visibilities from 0 to 150 feet for forecasts from greater than 15 minutes up to 30 minutes.	4568
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 60 feet for visibilities from 150 up to 700 feet for forecasts from greater than 15 minutes up to 30 minutes.	4569
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 75 feet for visibilities from 700 up to 1,199 feet for forecasts from greater than 15 minutes up to 30 minutes.	4570

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 100 feet for visibilities from 1,119 up to 1,799 feet for forecasts from greater than 15 minutes up to 30 minutes.	4571
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 140 feet for visibilities from 1,799 up to 2,400 feet for forecasts from greater than 15 minutes up to 30 minutes.	4572
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 60 feet for visibilities from 0 to 150 feet for forecasts from greater than 30 minutes up to 45 minutes.	4573
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 75 feet for visibilities from 150 up to 700 feet for forecasts from greater than 30 minutes up to 45 minutes.	4574
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 100 feet for visibilities from 700 up to 1,199 feet for forecasts from greater than 30 minutes up to 45 minutes.	4575
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 130 feet for visibilities from 1,119 up to 1,799 feet for forecasts from greater than 30 minutes up to 45 minutes.	4576
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 160 feet for visibilities from 1,799 up to 2,400 feet for forecasts from greater than 30 minutes up to 45 minutes.	4577
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 80 feet for visibilities from 0 to 150 feet for forecasts from greater than 45 minutes up to 90 minutes.	4578
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 100 feet for visibilities from 150 up to 700 feet for forecasts from greater than 45 minutes up to 90 minutes.	4579
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 125 feet for visibilities from 700 up to 1,199 feet for forecasts from greater than 45 minutes up to 90 minutes.	4580
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 160 feet for visibilities from 1,119 up to 1,799 feet for forecasts from greater than 45 minutes up to 90 minutes.	4581
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 180 feet for visibilities from 1,799 up to 2,400 feet for forecasts from greater than 45 minutes up to 90 minutes.	4582

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4583
PR		The NextGen NAS shall forecast RVR in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 90 minutes.	4584
FE	F1.1.5.1.8	Forecast Sky Conditions	4612
FE	F1.1.5.1.8.4	Forecast Cloud Types	4622
FE	F1.1.5.1.9	Forecast Ocean Surface Conditions	4636
FE	F1.1.5.1.9.1	Forecast Ocean Wave and Swell Heights	4638
FE	F1.1.5.1.9.1.1	Forecast Ocean Wave Heights	4639
FR	F1.1.5.1.9.1.1-1	The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace.	4642
FR	F1.1.5.1.9.1.1-2	The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4643
FR	F1.1.5.1.9.1.1-3	The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4644
FR	F1.1.5.1.9.1.1-4	The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4645
FR	F1.1.5.1.9.1.1-5	The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4646
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4647
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4648
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4649
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4650
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4651

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4652
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4653
FR	F1.1.5.1.9.1.1-6	The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4654
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4660
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4661
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4662
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4663
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4664
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4665
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4666
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4667
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4668
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4669

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4670
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4671
PR		The NextGen NAS shall forecast ocean wave heights in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4672
FE	F1.1.5.1.9.1.2	Forecast Ocean Swell Heights	4721
FR	F1.1.5.1.9.1.2-1	The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace.	4724
FR	F1.1.5.1.9.1.2-2	The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4725
FR	F1.1.5.1.9.1.2-3	The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4726
FR	F1.1.5.1.9.1.2-4	The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4727
FR	F1.1.5.1.9.1.2-5	The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4728
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4729
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4730
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4731
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4732
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4733

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4734
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4735
FR	F1.1.5.1.9.1.2-6	The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4736
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4742
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4743
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4744
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4745
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4746
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4747
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4748
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4749
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4750
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4751

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4752
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4753
PR		The NextGen NAS shall forecast ocean swell heights in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4754
FE	F1.1.5.1.9.2	Forecast Ocean Wave and Swell Direction	4803
FE	F1.1.5.1.9.2.1	Forecast Ocean Wave Direction	4804
FR	F1.1.5.1.9.2.1-1	The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace.	4807
FR	F1.1.5.1.9.2.1-2	The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4808
FR	F1.1.5.1.9.2.1-3	The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4809
FR	F1.1.5.1.9.2.1-4	The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4810
FR	F1.1.5.1.9.2.1-5	The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4811
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4812
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4813
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4814
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4815

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4816
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4817
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4818
FR	F1.1.5.1.9.2.1-5	The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4819
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4825
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4826
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4827
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4828
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4829
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4830
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4831
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4832
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4833

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4834
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4835
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4836
PR		The NextGen NAS shall forecast ocean wave direction in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4837
FE	5.1.9.2.2	Forecast Ocean Swell Direction	4886
FR	5.1.9.2.2-1	The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace.	4888
FR	5.1.9.2.2-2	The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4889
FR	5.1.9.2.2-3	The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4890
FR	5.1.9.2.2-4	The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4891
FR	5.1.9.2.2-5	The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4892
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4893
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4894
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4895

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4896
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4897
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4898
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4899
FR	5.1.9.2.2-6	The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4900
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4906
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4907
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4908
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4909
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4910
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4911
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4912
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4913

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4914
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4915
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	4916
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	4917
PR		The NextGen NAS shall forecast ocean swell direction in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	4918
FE	F1.1.5.1.10	Forecast Large Lake Surface Conditions	4967
FE	F1.1.5.1.10.1	Forecast Large Lake Wave Heights	4970
FR	F1.1.5.1.10.1-1	The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace.	4972
FR	F1.1.5.1.10.1-2	The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	4973
FR	F1.1.5.1.10.1-3	The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	4974
FR	F1.1.5.1.10.1-4	The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	4975
FR	F1.1.5.1.10.1-5	The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	4976
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	4977
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	4978

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	4979
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	4980
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	4981
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	4982
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	4983
FR	F1.1.5.1.10.1-6	The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	4984
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	4990
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	4991
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	4992
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	4993
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	4994
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	4995
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	4996

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	4997
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	4998
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	4999
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5000
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5001
PR		The NextGen NAS shall forecast large lake wave heights in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5002
FE	F1.1.5.1.10.2	Forecast Large Lake Wave Direction	5053
FR	F1.1.5.1.10.2-1	The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace.	5056
FR	F1.1.5.1.10.2-2	The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5057
FR	F1.1.5.1.10.2-3	The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5058
FR	F1.1.5.1.10.2-4	The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5059
FR	F1.1.5.1.10.2-5	The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5060
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5061

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5062
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5063
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5064
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5065
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5066
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5067
FR	F1.1.5.1.10.2.1-6	The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5068
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5074
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5075
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5076
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5077
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5078
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5079

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5080
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5081
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5082
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5083
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5084
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5085
PR		The NextGen NAS shall forecast large lake wave direction in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5086
FE	F1.1.5.1.10.2.5	**Forecast Large Lake Surface Temperature**	5137
FR	F1.1.5.1.10.2.5-1	The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace.	5139
FR	F1.1.5.1.10.2.5-2	The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5140
FR	F1.1.5.1.10.2.5-3	The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5141
FR	F1.1.5.1.10.2.5-4	The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5142
FR	F1.1.5.1.10.2.5-5	The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5143

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5144
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5145
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5146
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5147
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5148
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5149
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5150
FR	F1.1.5.1.10.2.5-5	The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5151
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5157
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5158
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5159

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5160
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5161
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5162
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5163
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5164
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5165
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5166
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5167
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5168
PR		The NextGen NAS shall forecast large lake surface temperature in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5169
	F.1.1.5.1.9.3	**Forecast Ocean Surface Temperature**	**5170**
FR	F.1.1.5.1.9.3-1	The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace.	5172
FR	F.1.1.5.1.9.3-2	The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5173

Type	Function #	Requirement Statement	Line #
FR	F.1.1.5.1.9.3-3	The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5174
FR	F.1.1.5.1.9.3-4	The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5175
FR	F.1.1.5.1.9.3-5	The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5176
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5177
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5178
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5179
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5180
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5181
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5182
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5183
FR	F.1.1.5.1.9.3-6	The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5184
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5189

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5190
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5191
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5192
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5193
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5194
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5195
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5196
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5197
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5198
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5199
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5200
PR		The NextGen NAS shall forecast ocean surface temperature in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5201
FE	F1.1.5.9.4	**Forecast Ocean Ice Obstructions**	5202

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.9.4-1	The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace.	5204
FR	F1.1.5.9.4-2	The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5205
FR	F1.1.5.9.4-3	The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5206
FR	F1.1.5.9.4-4	The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5207
FR	F1.1.5.9.4-5	The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5208
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5209
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5210
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5211
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5212
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5213
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5214
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5215
FR	F1.1.5.9.4-6	The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5216

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5221
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5222
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5223
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5224
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5225
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5226
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5227
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5228
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5229
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5230
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5231
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5232

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ocean ice obstructions in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5233
FE	F1.1.5.15.1	Forecast Altimeter Setting	5234
FR	F1.1.5.15.1-1	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace.	5237
FR	F1.1.5.15.1-2	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5238
FR	F1.1.5.15.1-3	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5239
FR	F1.1.5.15.1-4	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5240
FR	F1.1.5.15.1-5	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5241
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5242
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5243
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5244
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5245
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5246
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5247
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5248

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.15.1-6	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5249
FR	F1.1.5.15.1-7	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	5250
FR	F1.1.5.15.1-8	The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	5251
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	5257
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	5258
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	5259
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	5260
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	5261
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	5262
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	5263
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	5264
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	5265
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5266

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5267
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5268
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5269
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5270
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5271
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5272
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5273
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5274
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5275
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5276
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5277
PR		The NextGen NAS shall forecast altimeter setting in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5278
FE	F1.1.5.2.8.6	Forecast Pressure Aloft	5279
FR	F1.1.5.2.8.6-1	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace.	5282

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.8.6-2	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5283
FR	F1.1.5.2.8.6-3	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5284
FR	F1.1.5.2.8.6-4	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5285
FR	F1.1.5.2.8.6-5	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5286
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5287
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5288
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5289
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5290
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5291
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5292
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5293
FR	F1.1.5.2.8.6-6	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5294
FR	F1.1.5.2.8.6-7	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	5295

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.8.6-8	The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	5296
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	5302
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	5303
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	5304
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	5305
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	5306
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	5307
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	5308
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	5309
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	5310
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5311
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5312
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5313

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5314
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5315
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5316
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5317
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5318
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5319
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5320
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5321
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5322
PR		The NextGen NAS shall forecast pressure aloft in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5323
FE	F1.1.5.1.5.13	Forecast Vertical Visibility	5324
FR	F1.1.5.1.5.13-1	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace.	5327
FR	F1.1.5.1.5.13-2	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5328
FR	F1.1.5.1.5.13-3	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5329

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.5.13-4	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5330
FR	F1.1.5.1.5.13-5	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5331
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5332
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5333
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5334
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5335
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5336
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5337
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5338
FR	F1.1.5.1.5.13-6	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5339
FR	F1.1.5.1.5.13-7	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	5340
FR	F1.1.5.1.5.13-8	The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	5341
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	5346

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	5347
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	5348
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	5349
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	5350
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	5351
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	5352
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	5353
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	5354
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5355
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5356
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5357
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5358

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5359
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5360
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5361
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5362
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5363
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5364
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5365
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5366
PR		The NextGen NAS shall forecast vertical visibility in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5367
FE	F1.1.5.1.6.3.3.2	Forecast Ice Pellet Density	5368
FR	F1.1.5.1.6.3.3.2-1	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace.	5371
FR	F1.1.5.1.6.3.3.2-2	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5372
FR	F1.1.5.1.6.3.3.2-3	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5373
FR	F1.1.5.1.6.3.3.2-4	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5374

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.6.3.3.2-5	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5375
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5376
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5377
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5378
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5379
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5380
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5381
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5382
FR	F1.1.5.1.6.3.3.2-6	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5383
FR	F1.1.5.1.6.3.3.2-7	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	5384
FR	F1.1.5.1.6.3.3.2-8	The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	5385
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	5390
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of terminal airspace for forecasts from 0 to 4 hours.	5391

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	5392
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 4 hours and less than or equal to 24 hours.	5393
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	5394
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of terminal airspace for forecasts greater than 24 hours and less than or equal to 60 hours.	5395
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	5396
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	5397
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	5398
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5399
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5400
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5401
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5402
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5403

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5404
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5405
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5406
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5407
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5408
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5409
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5410
PR		The NextGen NAS shall forecast ice pellet density in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5411
	F1.1.5.1.15.1	Forecast Pressure at the Surface of Selected Terminal Airspace	5434
FR	F1.1.5.1.15.1-1	The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace.	5436
FR	F1.1.5.1.15.1-2	The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	5437
FR	F1.1.5.1.15.1-3	The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5438
FR	F1.1.5.1.15.1-4	The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5439

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.15.1-5	The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5440
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5441
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5442
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5443
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5444
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5445
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5446
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5447
FR	F1.1.5.1.15.1-6	The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5448
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5453
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5454
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5455

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5456
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5457
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5458
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5459
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5460
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5461
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5462
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5463
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5464
PR		The NextGen NAS shall forecast pressure at the surface in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5465
FE	F.1.1.5.1.11.5.5	Forecast Location of Thunderstorm	
FR	F.1.1.5.1.11.5.5	The NextGen NAS shall forecast the location of thunderstorms.	
PR		The NextGen NAS shall forecast the location of thunderstorms[@] with a horizontal accuracy of plus or minus 0.5 km.	
	"Note"	"@" = thunderstorm boundary as defined by lightning, intense precipitation, winds, clouds, mesocyclone, funnel clouds, tornados and/or gust fronts	
FE	F.1.1.5.1.11.5.7	Forecast Locations of Convective Initiation	5596
FE	F.1.1.5.1.11.5.8	Forecast Locations of Thunderstorm Growth	5598

Type	Function #	Requirement Statement	Line #
FE	F.1.1.5.1.11.5.8	Forecast Locations of Thunderstorm Decay	5600
FE	F.1.1.5.1.11.6	Forecast Location of Lightning	5606
FR	F.1.1.5.1.11.6-1	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace.	5609
FR	F.1.1.5.1.11.6-2	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	5610
FR	F.1.1.5.1.11.6-3	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	5611
FR	F.1.1.5.1.11.6-4	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	5612
FR	F.1.1.5.1.11.6-5	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5613
FR	F.1.1.5.1.11.6-6	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5614
FR	F.1.1.5.1.11.6-7	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5615
FR	F.1.1.5.1.11.6-8	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5616
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5617
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5618
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5619
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5620

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5621
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5622
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5623
FR	F.1.1.5.1.11.6-10	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5624
FR	F.1.1.5.1.11.6-11	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	5625
FR	F.1.1.5.1.11.6-12	The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	5626
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	5633
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	5634
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	5635
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	5636
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	5637
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	5638
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	5639

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	5640
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	5641
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5642
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5643
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5644
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5645
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5646
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5647
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5648
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5649
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5650
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5651

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5652
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5653
PR		The NextGen NAS shall forecast total lightning type in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5654
FE	F1.1.5.1.11.6.9	**Forecast Lightning Polarity**	5719
FR	F1.1.5.1.11.6.9-1	The NextGen NAS shall forecast lightning polarity from the surface to the top of the NAS.	5721
FR	F1.1.5.1.11.6.9-2	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace.	5722
FR	F1.1.5.1.11.6.9-3	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	5723
FR	F1.1.5.1.11.6.9-4	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	5724
FR	F1.1.5.1.11.6.9-5	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	5725
FR	F1.1.5.1.11.6.9-6	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5726
FR	F1.1.5.1.11.6.9-7	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5727
FR	F1.1.5.1.11.6.9-8	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5728
FR	F1.1.5.1.11.6.9-9	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5729
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5730

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5731
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5732
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5733
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5734
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5735
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5736
FR	F1.1.5.1.11.6.9-10	The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5737
FR	F1.1.5.1.11.6.9-11	The NextGen NAS shall forecast total lightning frequency in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	5738
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	5746
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	5747
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	5748
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	5749
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	5750

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	5751
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	5752
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	5753
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	5754
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5755
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5756
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5757
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5758
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5759
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5760
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5761
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5762

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5763
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5764
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5765
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5766
PR		The NextGen NAS shall forecast lightning polarity in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5767
FE	F1.1.5.1.11.6.5	Forecast non-airport Locations) of Groundstroke Lightning	5840
			5848
FE	F1.1.5.1.11.7	Forecast Location of Mesocyclones	5849
FR	F1.1.5.1.11.7-1	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace.	5852
FR	F1.1.5.1.11.7-2	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	5853
FR	F1.1.5.1.11.7-3	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	5854
FR	F1.1.5.1.11.7-4	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	5855
FR	F1.1.5.1.11.7-5	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5856
FR	F1.1.5.1.11.7-6	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	5857

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.1.11.7-7	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	5858
FR	F1.1.5.1.11.7-8	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	5859
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	5860
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	5861
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	5862
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	5863
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	5864
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	5865
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	5866
FR	F1.1.5.1.11.7-9	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	5867
FR	F1.1.5.1.11.7-10	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	5868
FR	F1.1.5.1.11.7-11	The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	5869
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	5876

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	5877
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	5878
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	5879
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	5880
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	5881
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	5882
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	5883
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	5884
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	5885
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	5886
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	5887
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	5888

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	5889
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	5890
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	5891
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	5892
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	5893
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	5894
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	5895
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	5896
PR		The NextGen NAS shall forecast location of convective vortices in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	5897
FE	F1.1.5.2.6	Forecast Turbulence	5849
FR	F1.1.5.2.6-1	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	6059
FR	F1.1.5.2.6-2	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	6060
FR	F1.1.5.2.6-3	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	6061

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.6-4	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	6062
FR	F1.1.5.2.6-5	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	6063
FR	F1.1.5.2.6-6	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	6064
FR	F1.1.5.2.6-7	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	6065
FR	F1.1.5.2.6-8	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	6066
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	6067
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	6068
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	6069
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	6070
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	6071
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	6072
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	6073

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.6-9	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	6074
FR	F1.1.5.2.6-10	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	6075
FR	F1.1.5.2.6-11	The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	6076
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	6083
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	6084
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	6085
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	6086
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	6087
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	6088
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	6089
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	6090
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	6091
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	6092

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	6093
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	6094
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	6095
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	6096
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	6097
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	6098
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	6099
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	6100
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	6101
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	6102
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	6103
PR		The NextGen NAS shall forecast CIT of EDR .375 or greater in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	6104
FE	F1.1.5.1.11.8	Forecast occurrence of Low-Level Wind Shear/Microburst activity 'at' or 'in the vicinity of' Super-Density Airports/Spaceports	6391

Type	Function #	Requirement Statement	Line #
FE	F1.1.5.1.11.8	The NextGen shall forecast the low level wind shear/microburst at super density airports.	6392
FE	F1.1.5.1.11.8.2	Forecast the location of Microburst	6393
FR	F1.1.5.1.11.8.2-1	The NextGen NAS shall forecast the location of microburst in terms of wind speed gain/loss in kits.	6394
PR		The NextGen NAS shall forecast the location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick at convective (higher) performance requirements within 2,000 feet of the surface plus or minus 10kts.	6395
FR	F1.1.5.1.11.8.2-2	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace.	6396
FR	F1.1.5.1.11.8.2-3	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a temporal resolution increment equal to 1 minute for forecasts from 0 to 15 minutes.	6397
FR	F1.1.5.1.11.8.2-4	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a temporal resolution increment equal to 5 minutes for forecasts greater than 15 minutes less than or equal to 45 minutes.	6398
FR	F1.1.5.1.11.8.2-5	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a temporal resolution increment equal to 10 minutes for forecasts greater than 45 minutes and less than or equal to 2 hours.	6399
FR	F1.1.5.1.11.8.2-6	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	6400
FR	F1.1.5.1.11.8.2-7	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	6401
FR	F1.1.5.1.11.8.2-8	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	6402
FR	F1.1.5.1.11.8.2-9	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	6403

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	6404
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	6405
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	6406
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	6407
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	6408
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	6409
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	6410
FR	F1.1.5.1.11.8.2-10	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	6411
FR	F1.1.5.1.11.8.2-11	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	6412
FR	F1.1.5.1.11.8.2-12	The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts.	6413

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	6420
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	6421
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	6422
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	6423
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	6424
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	6425
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	6426
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	6427
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	6428

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	6429
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	6430
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	6431
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	6432
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	6433
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	6434
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	6435
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	6436
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	6437
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	6438
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	6439

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	6440
PR		The NextGen NAS shall forecast location of microburst of 10kts or more per 100 feet in a layer more than 2,000 feet thick in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	6441
FE	F1.1.5.1.11.8.1	**Forecast the location of Low-Level Wind Shear**	6507
FR	F1.1.5.1.11.8.1-1	The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace.	6508
FR	F1.1.5.1.11.8.1-2	The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	6509
FR	F1.1.5.1.11.8.1-3	The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	6510
FR	F1.1.5.1.11.8.1-4	The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	6511
FR	F1.1.5.1.11.8.1-5	The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	6512
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	6513
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	6514
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	6515
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	6516

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	6517
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	6518
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	6519
FR	F1.1.5.1.11.8.1-6	The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	6520
FR	F1.1.5.1.11.8.1-7	The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts.	6521
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 2,000 ft for forecasts from 0 to 4 hours.	6527
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 2,000 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	6528
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 2,000 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	6529
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 2,000 ft for forecasts greater than 60 hours and less than or equal to 14 days.	6530
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 ft from the surface to 2,000 ft for forecasts greater than 14 days and less than or equal to 90 days.	6531
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	6532
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	6533

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	6534
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	6535
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	6536
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	6537
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	6538
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	6539
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	6540
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	6541
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	6542
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	6543
PR		The NextGen NAS shall forecast low-level wind shear (non-convective) in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	6544
FE	F1.1.5.2.6	**Forecast Location of Turbulence**	6710
FR	F1.1.5.2.6-1	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace.	6713

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.6-2	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a temporal resolution increment equal to 15 minutes for forecasts from 0 to 4 hours.	6714
FR	F1.1.5.2.6-3	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a temporal resolution increment equal to 1 hour for forecasts greater than 4 hours and less than or equal to 60 hours.	6715
FR	F1.1.5.2.6-4	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a temporal resolution increment equal to 3 hours for forecasts greater than 60 hours and less than or equal to 14 days.	6716
FR	F1.1.5.2.6-5	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a temporal resolution increment equal to 12 hours for forecasts greater than 14 days and less than or equal to 90 days.	6717
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a production rate equal to 5 minutes with a latency of less than or equal to 2.5 minutes for forecasts from 0 to 2 hours.	6718
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a production rate equal to 10 minutes with a latency of less than or equal to 5 minutes for forecasts greater than 2 hours and less than or equal to 4 hours.	6719
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a production rate equal to 30 minutes with a latency of less than or equal to 15 minutes for forecasts greater than 4 hours and less than or equal to 10 hours.	6720
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a production rate equal to 1 hour with a latency of less than or equal to 30 minutes for forecasts greater than 10 hours and less than or equal to 24 hours.	6721
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a production rate equal to 3 hours with a latency of less than or equal to 90 minutes for forecasts greater than 24 hours and less than or equal to 5 days.	6722
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a production rate equal to 6 hours with a latency of less than or equal to 3 hours for forecasts greater than 5 days and less than or equal to 14 days.	6723
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a production rate equal to every 30 days with a latency of less than or equal to 24 hours for forecasts greater than 14 days and less than or equal to 90 days.	6724
FR	F1.1.5.2.6-6	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a horizontal resolution equal to 1/2km for all forecasts.	6725
FR	F1.1.5.2.6-7	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a vertical resolution equal to 100 feet for all forecasts up to 4,900 feet.	6726

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.6-8	The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a vertical resolution equal to 500 feet for all forecasts above 5,000 feet.	6727
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 50 feet from the surface to 4,900 ft for forecasts from 0 to 4 hours.	6733
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from 5,000 ft to the top of the NAS for forecasts from 0 to 4 hours.	6734
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 100 feet from the surface to 4,900 ft for forecasts greater than 4 hours and less than or equal to 24 hours.	6735
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 500 feet from 5,000 ft to the top of the NAS for forecasts greater than 4 hours and less than or equal to 24 hours.	6736
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 150 ft from the surface to 4,900 ft for forecasts greater than 24 hours and less than or equal to 60 hours.	6737
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,000 feet from 5,000 ft to the top of the NAS for forecasts greater than 24 hours and less than or equal to 60 hours.	6738
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 250 feet from the surface to 4,900 ft for forecasts greater than 60 hours and less than or equal to 14 days.	6739
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 1,500 feet from 5,000 ft to the top of the NAS for forecasts greater than 60 hours and less than or equal to 14 days.	6740
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast vertical accuracy plus or minus 3,000 ft from the surface to the top of the NAS for forecasts greater than 14 days and less than or equal to 90 days.	6741
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/4km for forecasts from 0 to 4 hours.	6742
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1/2km for forecasts greater than 4 hours and less than or equal to 24 hours.	6743

Type	Function #	Requirement Statement	Line #
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 1km for forecasts greater than 24 hours and less than or equal to 60 hours.	6744
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 2km for forecasts greater than 60 hours and less than or equal to 14 days.	6745
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace with a forecast accuracy location (Lat/Lon) plus or minus 12km for forecasts greater than 14 days and less than or equal to 90 days.	6746
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 95% for forecasts from 0 to 45 minutes.	6747
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 92% for forecasts greater than 45 minutes and less than or equal to 2 hours.	6748
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 90% for forecasts greater than 2 hours and less than or equal to 4 hours.	6749
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 88% for forecasts greater than 4 hours and less than or equal to 10 hours.	6750
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 85% for forecasts greater than 10 hours and less than or equal to 24 hours.	6751
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 75% for forecasts greater than 24 hours and less than or equal to 60 hours.	6752
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 60% for forecasts greater than 60 hours and less than or equal to 14 days.	6753
PR		The NextGen NAS shall forecast non-convective turbulence in Super Density Terminal Airspace to verify greater than or equal to 55% for forecasts greater than 14 days and less than or equal to 90 days.	6754
FE	**F1.1.5.2.6.2**	**Forecast Intensity of Turbulence**	**6821**
FE	F1.1.5.2.7	Forecast Space Weather Affecting Aviation	6834
FE	F1.1.5.2.7.1	Forecast Solar Radiation Storms Affecting Aviation	6835
FR	F1.1.5.2.7.1	The NextGen NAS shall forecast solar radiation storms affecting aviation.	6836
FE	F1.1.5.2.7.1.1	Forecast Magnitude of Solar Radiation Storms	6837

Type	Function #	Requirement Statement	Line #
FR	F1.1.5.2.7.1.1	The NextGen NAS shall forecast the magnitude of solar radiation storms.	6838
PR	F1.1.5.2.7.1.1-1	The NextGen NAS shall forecast the magnitude of moderate (greater than or equal to 10 MeV to less than 100 MeV) solar radiation flux with an accuracy of plus or minus 10 percent.	6839
PR	1.1.5.2.7.1.1-2	The NextGen NAS shall forecast the magnitude of high (greater than or equal to 100 MeV) solar radiation flux with an accuracy of plus or minus 2 percent.	6840
FE	F1.1.5.2.7.1.2	Forecast Peak of Solar Radiation Storms	6841
FR	F1.1.5.2.7.1.2	The NextGen NAS shall forecast the flux level of solar radiation storms.	6842
PR	F1.1.5.2.7.1.2-1	The NextGen NAS shall forecast the flux level of moderate (greater than or equal to 10 MeV to less than 100 MeV) solar radiation flux events with an accuracy of plus or minus 10 percent.	6843
PR	F1.1.5.2.7.1.2-2	The NextGen NAS shall forecast the flux level of high (greater than or equal to 100 MeV) solar radiation flux events with an accuracy of plus or minus 2 percent.	6844
FE	F1.1.5.2.7.1.3	Forecast Spectral Hardness of Solar Radiation Storms	6845
FR	F1.1.5.2.7.1.3	The NextGen NAS shall forecast spectral hardness index for each solar radiation storm event.	6846
PR	F1.1.5.2.7.1.3-1	The NextGen NAS shall forecast spectral hardness index with an accuracy of plus or minus 5 percent.	6847
FE	F1.1.5.2.7.1.4	Forecast Where Solar Radiation Storms Pose Biological Radiation Risk Affecting Aviation	6848
FR	F1.1.5.2.7.1.4	The NextGen NAS shall forecast those regions where solar radiation storms pose biological risks affecting aviation.	6849
PR	F1.1.5.2.7.1.4-1	The NextGen NAS shall forecast those regions where the flux level of solar radiation storms poses biological radiation risks over a horizontal area with an accuracy of plus or minus 4,000km^2.	6850
PR	F1.1.5.2.7.1.4-2	The NextGen NAS shall forecast where the flux level of solar radiation storms poses biological risks with a vertical accuracy of plus or minus 5,000 ft.	6851
FE	F1.1.5.2.7.1.5	Forecast Where Solar Radiation Storms Degrade HF Communications	6852
FR	F1.1.5.2.7.1.5	The NextGen NAS shall forecast regions where solar radiation storms degrade HF communications.	6853
PR	F1.1.5.2.7.1.5-1	The NextGen NAS shall forecast those regions where solar radiation storms degrade HF communications with a horizontal accuracy of plus or minus 100km.	6854
PR	F1.1.5.2.7.1.5-2	The NextGen NAS shall forecast where solar radiation storms degrade HF communications with a vertical accuracy of plus or minus 5,000 ft.	6855
FE	F1.1.5.2.7.1.6	Forecast Where Solar Radiation Storms Degrade Navigation Systems	6856
FR	F1.1.5.2.7.1.6	The NextGen NAS shall forecast where solar radiation storms degrade navigation systems.	6857

Type	Function #	Requirement Statement	Line #
PR	F1.1.5.2.7.1.6-1	The NextGen NAS shall forecast where solar radiation storms significantly degrade navigation systems with a horizontal accuracy of plus or minus 100km.	6858
PR	F1.1.5.2.7.1.6-2	The NextGen NAS shall forecast where solar radiation storms degrade navigation systems with a vertical accuracy of plus or minus 5,000ft.	6859
FE	F1.1.5.2.7.2	Forecast Geomagnetic Storms Affecting Aviation	6860
FR	F1.1.5.2.7.2	The NextGen NAS shall forecast geomagnetic storms affecting aviation.	6861
FE	F1.1.5.2.7.2.1	Forecast Magnitude of Geomagnetic Storms	6862
FR	F1.1.5.2.7.2.1	The NextGen NAS shall forecast the magnitude of geomagnetic storms.	6863
PR	F1.1.5.2.7.2.1-1	The NextGen NAS shall forecast the planetary average Kp index with an accuracy of plus or minus 0.5 Kp value.	6864
FE	F1.1.5.2.7.2.2	Forecast Peak of Geomagnetic Storms Affecting Aviation	6865
FR	F1.1.5.2.7.2.2	The NextGen NAS shall forecast the peak of geomagnetic storms affecting aviation.	6866
PR	F1.1.5.2.7.2.2-1	The NextGen NAS shall forecast the peak of geomagnetic storms when planetary average Kp index level is greater than or equal to 6 with an accuracy of plus or minus 0.5 Kp value.	6867
FE	F1.1.5.2.7.2.3	Forecast Regions Where Geomagnetic Storms Moderately Degrade Communication Systems	6868
FR	F1.1.5.2.7.2.3	The NextGen NAS shall forecast those regions where geomagnetic storms moderately degrade communication systems.	6869
PR	F1.1.5.2.7.2.3-1	The NextGen NAS shall forecast those regions where a planetary average Kp index level greater than or equal to 6 degrades communication systems with a mapping accuracy of plus or minus 100 km.	6870
FE	F1.1.5.2.7.2.4	Forecast Regions Where Geomagnetic Storms Will Moderately Degrade Navigation Systems	6871
FR	F1.1.5.2.7.2.4	The NextGen NAS shall forecast those regions where geomagnetic storms will moderately degrade navigation systems.	6872
PR	F1.1.5.2.7.2.4-1	The NextGen NAS shall forecast those regions where a planetary average Kp index level greater than or equal to 6 will moderately degrade navigation systems with a mapping accuracy of plus or minus 100 km.	6873
FE	F1.1.5.2.7.3	Forecast Solar Flares Affecting Aviation	6874
FR	F1.1.5.2.7.3	The NextGen NAS shall forecast solar flares affecting aviation.	6875
FE	F1.1.5.2.7.3.1	Forecast Magnitude of Solar Flare X-Ray Events Affecting Aviation	6876
FR	F1.1.5.2.7.3.1	The NextGen NAS shall forecast magnitude of solar flare x-ray events affecting aviation.	6877
PR	F1.1.5.2.7.3.1-1	The NextGen NAS shall forecast magnitude of solar flare X-ray events by brightness and flux levels equal to and greater than M1 and 10^{-5} watts per m^2 with an accuracy of plus or minus 5 percent.	6878

Type	Function #	Requirement Statement	Line #
FE	F1.1.5.2.7.3.2	Forecast Peak Intensity of Solar Flare X-Ray events	6879
FR	F1.1.5.2.7.3.2	The NextGen NAS shall forecast the peak intensity of solar flare X-ray events.	6880
PR	F1.1.5.2.7.3.2-1	The NextGen NAS shall forecast the intensity of solar flare X-ray events when brightness and flux levels are equal to and greater than M1 and 10^{-5} watts per m^2 with an accuracy of plus or minus 5 percent.	6881
FE	F1.1.5.2.7.3.3	Forecast Global Regions where Solar Flare X-Ray Impact Area Cause Peak Degradation to HF Communication Systems	6882
FR	F1.1.5.2.7.3.3	The NextGen NAS shall forecast global regions impacted by solar flare X-ray brightness causing peak degradation to HF communication systems.	6883
PR	F1.1.5.2.7.3.3-1	The NextGen NAS shall forecast global regions where solar flare X-ray brightness and flux levels equal to and greater than M1 and 10^{-5} watts per m^2 will cause peak degradation to HF communications with a mapping accuracy of plus or minus 100 km.	6884
FE	F1.1.5.2.7.3.4	Forecast Regions Where Solar Flare X-Ray Events Will Degrade Navigation Systems	6885
FR	F1.1.5.2.7.3.4	The NextGen NAS shall forecast regions where solar flare X-ray events will degrade navigation systems.	6886
PR	F1.1.5.2.7.3.4-1	The NextGen NAS shall forecast regions where solar flare X-ray brightness and flux levels equal to and greater than M1 and 10^{-5} watts per m^2 will significantly degrade navigation systems with an accuracy of plus or minus 100 km.	6887