Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.81(−0.66)	14.90(5.94)	1.85(0.63)
48 Hour	2.18(−0.60)	17.96(7.88)	2.15(0.99)
72 Hour	2.75(−0.41)	21.02(8.89)	3.14(1.09)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.83(−0.29)	16.67(8.77)	1.63(0.49)
48 Hour	2.76(0.04)	20.24(10.40)	2.50(0.75)
72 Hour	3.45(0.13)	21.55(10.49)	3.26(0.87)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.95(−0.52)	13.83(4.92)	2.07(0.82)
48 Hour	2.82(−0.23)	18.41(4.35)	2.95(0.94)
72 Hour	3.27(−0.33)	21.02(6.34)	3.10(1.45)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.94(−0.57)	13.26(5.60)	2.02(0.65)
48 Hour	2.49(−0.42)	17.45(4.43)	2.56(1.06)
72 Hour	2.39(−0.37)	18.95(5.06)	2.60(1.20)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.08(−0.73)	13.65(5.61)	2.11(0.86)
48 Hour	2.19(−0.24)	15.78(4.08)	2.27(1.25)
72 Hour	2.05(−0.37)	15.05(2.50)	2.65(1.31)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.10(−0.60)	14.38(6.80)	1.97(0.74)
48 Hour	2.12(−0.40)	14.56(6.03)	2.38(1.14)
72 Hour	2.24(−0.27)	15.59(5.01)	2.47(1.31)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.01(-0.63)	14.48(6.20)	2.25(1.02)
48 Hour	1.92(-0.26)	15.88(5.33)	2.54(1.58)
72 Hour	2.39(-0.14)	16.06(5.48)	3.08(1.78)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.91(−0.46)	14.60(6.92)	2.06(0.83)
48 Hour	2.06(−0.25)	15.98(6.59)	2.77(1.32)
72 Hour	3.05(−0.32)	17.97(6.42)	3.60(1.53)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.93(−0.53)	14.95(6.44)	2.24(0.72)
48 Hour	2.61(−0.10)	16.76(5.65)	3.01(1.13)
72 Hour	3.69(−0.19)	18.51(6.09)	4.05(1.41)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.97(−0.67)	13.02(5.35)	2.27(0.77)
48 Hour	3.27(−0.45)	17.32(5.14)	3.65(1.10)
72 Hour	4.61(0.06)	22.24(4.75)	2.81(1.15)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.96(−0.95)	15.46(4.10)	3.13(1.01)
48 Hour	3.87(−0.89)	21.06(3.09)	2.75(1.17)
72 Hour	4.57(−0.82)	21.05(2.42)	2.33(1.33)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.19(−0.85)	13.88(3.18)	2.26(0.64)
48 Hour	3.17(−0.85)	17.78(1.54)	2.14(0.93)
72 Hour	3.30(−0.81)	19.23(0.85)	2.17(1.18)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.51(−0.51)	15.58(4.49)	1.79(0.59)
48 Hour	2.53(−0.56)	18.07(3.63)	2.35(0.81)
72 Hour	2.78(−0.66)	19.59(2.57)	2.33(0.91)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.22(−0.68)	16.34(5.99)	1.95(0.75)
48 Hour	2.61(−0.15)	18.10(4.27)	1.99(0.81)
72 Hour	3.16(−0.33)	18.96(3.44)	2.53(0.67)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.24(−0.74)	14.53(4.19)	1.99(0.75)
48 Hour	2.81(−0.58)	16.19(4.11)	2.44(0.85)
72 Hour	3.19(−0.09)	19.26(2.09)	3.52(1.00)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.24(−0.61)	15.08(5.93)	2.14(0.78)
48 Hour	2.75(−0.63)	19.98(4.34)	3.12(0.74)
72 Hour	3.04(−0.53)	21.46(4.26)	3.35(0.90)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.15(−0.49)	15.80(5.48)	2.35(0.99)
48 Hour	3.14(−0.29)	19.76(5.52)	2.86(1.34)
72 Hour	3.19(−0.48)	19.06(5.56)	2.67(1.36)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.11(−0.64)	13.19(3.91)	2.13(0.81)
48 Hour	3.11(−0.39)	15.67(4.53)	2.48(0.99)
72 Hour	2.92(−0.31)	16.53(5.23)	3.15(1.10)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.18(−0.82)	14.53(4.34)	1.95(0.78)
48 Hour	2.36(−0.70)	14.86(3.99)	3.02(0.96)
72 Hour	2.63(−0.48)	16.66(4.72)	2.48(1.10)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.02(-0.45)	14.46(4.98)	2.46(1.06)
48 Hour	2.70(-0.47)	16.76(4.13)	2.11(1.17)
72 Hour	2.39(-0.35)	16.71(3.94)	2.43(1.41)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.25(−1.07)	15.45(6.85)	1.97(0.71)
48 Hour	2.31(−0.77)	15.85(6.31)	2.54(1.04)
72 Hour	2.44(−0.80)	17.26(6.38)	3.20(1.05)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.10(−0.29)	15.00(5.71)	2.26(0.86)
48 Hour	2.06(−0.24)	16.71(5.09)	2.69(0.96)
72 Hour	2.66(−0.21)	19.79(4.46)	2.48(1.13)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.12(−0.75)	12.95(3.35)	2.12(0.80)
48 Hour	2.82(−0.02)	16.26(4.19)	2.16(1.22)
72 Hour	3.23(0.04)	18.17(3.59)	2.59(1.50)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.22(−0.40)	16.35(7.08)	2.06(0.68)
48 Hour	3.22(−0.17)	19.29(6.62)	2.47(0.70)
72 Hour	3.86(0.54)	21.25(8.56)	3.55(0.86)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.25(−0.62)	13.71(2.23)	2.19(0.91)
48 Hour	3.58(−0.58)	18.94(2.49)	3.54(0.88)
72 Hour	5.30(−0.18)	21.47(3.18)	3.95(1.09)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.11(−0.41)	16.59(4.14)	2.34(0.78)
48 Hour	3.80(−0.13)	20.92(2.78)	2.95(1.18)
72 Hour	3.57(−0.35)	20.82(4.19)	2.96(1.10)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.27(−0.35)	13.99(5.11)	2.39(0.98)
48 Hour	2.26(0.04)	17.09(4.83)	2.33(1.24)
72 Hour	2.86(0.02)	18.81(3.95)	2.51(1.42)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.10(−0.67)	13.22(5.07)	2.20(0.80)
48 Hour	2.45(−0.12)	15.13(5.32)	2.10(1.09)
72 Hour	3.07(−0.26)	16.34(4.93)	2.13(1.33)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.23(−0.81)	16.04(7.06)	2.14(0.76)
48 Hour	2.41(−0.64)	15.76(5.76)	2.15(1.06)
72 Hour	2.79(−0.31)	20.67(7.50)	2.90(1.33)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30−12−15
Domain [lon 67.8E−98E,lat 7N−38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.29(−1.01)	16.19(6.57)	1.90(0.74)
48 Hour	2.65(−0.72)	18.53(6.77)	2.32(1.02)
72 Hour	3.15(−0.64)	17.90(6.92)	3.19(1.16)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 31-12-15
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.25(−0.76)	17.15(8.13)	1.94(0.78)
48 Hour	3.08(−0.53)	16.97(7.99)	2.75(0.89)
72 Hour	3.26(−0.36)	18.53(9.61)	2.60(1.16)