Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01−03−15
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	1.85(−0.28)	13.75(2.59)	2.34(0.70)
48 Hour	2.76(−0.06)	17.04(4.43)	3.38(0.83)
72 Hour	2.96(0.04)	18.10(4.00)	2.95(0.91)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-03-15
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	1.61(−0.18)	10.46(3.65)	2.82(0.90)
48 Hour	2.87(0.02)	15.08(3.16)	2.55(1.27)
72 Hour	4.42(0.27)	18.76(2.83)	2.66(1.22)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03−03−15
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(−0.90)	12.95(4.03)	2.26(0.68)
48 Hour	3.52(−0.73)	15.37(3.33)	2.36(0.83)
72 Hour	4.07(−0.49)	21.54(1.92)	2.56(1.27)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-03-15
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	2.33(-1.03)	13.61(5.69)	2.10(0.69)
48 Hour	3.17(-0.80)	17.86(6.86)	2.65(0.78)
72 Hour	3.83(-0.87)	18.99(5.80)	3.16(0.77)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-03-15
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	2.16(−0.78)	14.31(5.94)	1.87(0.51)
48 Hour	3.20(−0.56)	17.26(5.13)	2.68(0.78)
72 Hour	2.45(−0.12)	18.43(5.38)	2.69(0.92)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06−03−15
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	2.26(−0.72)	16.68(6.15)	2.10(0.76)
48 Hour	2.32(−0.34)	18.02(6.94)	2.23(0.99)
72 Hour	3.86(0.01)	21.36(5.36)	3.66(0.99)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07−03−15
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(−0.82)	14.43(5.71)	2.05(0.52)
48 Hour	3.92(−0.52)	19.11(5.77)	3.65(0.67)
72 Hour	4.97(−0.37)	21.14(3.91)	4.05(0.66)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-03-15
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	2.41(−0.68)	17.55(4.51)	2.72(1.07)
48 Hour	3.29(−0.06)	21.35(4.24)	3.04(1.40)
72 Hour	3.86(0.25)	22.75(5.06)	2.55(1.46)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09−03−15
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	2.28(−0.94)	14.83(2.73)	2.95(1.03)
48 Hour	3.28(−0.55)	18.74(2.38)	2.58(1.17)
72 Hour	3.46(0.07)	20.74(3.70)	2.85(1.58)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-03-15
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(−0.91)	16.48(2.59)	2.16(0.47)
48 Hour	2.97(−0.74)	18.63(1.86)	2.49(0.79)
72 Hour	3.59(−0.49)	20.27(2.99)	2.75(0.73)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11−03−15
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(−0.92)	17.54(4.69)	1.95(0.46)
48 Hour	2.77(−0.88)	18.92(5.94)	2.43(0.69)
72 Hour	3.12(−0.60)	21.07(3.65)	2.24(0.78)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-03-15
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	2.09(−0.55)	16.63(5.48)	2.12(0.51)
48 Hour	2.48(−0.24)	19.22(6.85)	1.96(0.68)
72 Hour	2.72(−0.05)	22.34(7.32)	2.28(0.75)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-03-15
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(-0.70)	17.44(6.74)	1.84(0.42)
48 Hour	2.50(-0.46)	21.10(7.41)	2.32(0.51)
72 Hour	2.95(-0.23)	24.23(9.27)	2.60(0.63)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-03-15
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(−0.59)	14.77(4.77)	2.16(0.77)
48 Hour	2.64(−0.46)	17.46(5.65)	2.56(0.77)
72 Hour	2.86(−0.37)	19.97(5.78)	3.18(0.84)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-03-15
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	1.88(−0.79)	13.77(5.34)	2.17(0.73)
48 Hour	2.24(−0.53)	16.17(5.79)	3.14(0.91)
72 Hour	2.65(−0.25)	19.59(6.51)	2.60(1.00)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16−03−15
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	1.80(−0.52)	11.78(4.66)	2.46(0.77)
48 Hour	2.56(−0.43)	16.47(4.42)	2.21(1.10)
72 Hour	3.15(−0.30)	20.57(6.00)	2.41(1.04)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-03-15
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	1.89(−0.62)	13.73(2.65)	2.09(0.60)
48 Hour	2.51(−0.59)	17.40(2.38)	2.33(0.50)
72 Hour	2.94(−0.69)	20.80(3.52)	2.59(0.69)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-03-15
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(−0.51)	15.65(7.76)	1.98(0.59)
48 Hour	2.52(−0.39)	17.23(7.48)	2.12(0.42)
72 Hour	3.41(−0.34)	19.44(6.84)	2.27(0.44)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19−03−15
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(−0.65)	15.32(6.80)	2.09(0.75)
48 Hour	3.00(−0.30)	18.26(5.33)	2.16(0.67)
72 Hour	3.27(0.02)	20.42(5.30)	2.65(0.77)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-03-15
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(-0.72)	15.85(5.44)	1.93(0.61)
48 Hour	2.84(-0.67)	18.22(6.27)	2.26(0.52)
72 Hour	2.79(-0.48)	16.57(5.13)	2.52(0.60)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-03-15
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	2.26(−0.71)	16.29(7.32)	1.98(0.67)
48 Hour	2.21(−0.40)	18.04(7.10)	1.97(0.81)
72 Hour	2.69(−0.35)	19.19(7.60)	2.38(0.82)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-03-15
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(−0.78)	17.01(6.01)	1.84(0.59)
48 Hour	2.28(−0.33)	18.88(5.38)	1.93(0.63)
72 Hour	2.84(−0.17)	20.02(3.74)	2.75(0.89)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-03-15
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(−0.89)	15.32(5.71)	1.95(0.68)
48 Hour	2.52(−0.62)	16.89(5.59)	2.64(0.74)
72 Hour	3.49(−0.41)	18.71(3.83)	3.47(0.87)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24−03−15
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)	16.83(7.02)	1.85(0.72)
48 Hour	2.95(−0.66)	18.57(7.23)	2.61(0.96)
72 Hour	2.92(−0.37)	20.88(6.66)	3.32(0.88)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25−03−15
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(−0.74)	16.43(5.13)	1.94(0.60)
48 Hour	2.51(−0.50)	20.24(5.73)	2.61(0.89)
72 Hour	2.54(−0.47)	21.79(4.88)	2.95(1.31)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26−03−15
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	2.16(−0.49)	17.96(9.31)	2.01(0.93)
48 Hour	2.62(−0.24)	17.77(8.07)	2.41(1.05)
72 Hour	3.04(−0.01)	19.77(9.69)	2.61(1.31)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-03-15
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(−0.78)	15.15(4.39)	1.91(0.76)
48 Hour	2.46(−0.74)	15.06(3.67)	2.73(1.12)
72 Hour	2.60(−0.60)	14.54(3.37)	3.16(1.33)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-03-15
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(−0.55)	15.00(8.04)	2.26(0.84)
48 Hour	2.20(−0.24)	15.80(6.57)	2.83(1.06)
72 Hour	3.29(−0.10)	20.85(8.53)	3.46(0.96)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29−03−15
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	1.75(−0.42)	14.17(2.24)	2.53(0.97)
48 Hour	2.69(−0.09)	15.46(1.55)	2.78(1.09)
72 Hour	3.00(0.21)	19.30(1.41)	2.76(1.30)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30-03-15
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	1.78(-0.51)	13.11(1.91)	2.43(0.90)
48 Hour	2.68(-0.12)	14.26(1.06)	2.56(1.24)
72 Hour	2.51(-0.06)	17.55(1.86)	3.21(1.49)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 31−03−15
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(−0.39)	13.36(7.14)	2.28(0.67)
48 Hour	2.68(−0.24)	18.58(6.11)	3.09(0.89)
72 Hour	3.00(−0.05)	21.59(6.07)	3.25(1.10)