

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-01-13**

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	4.64(-2.31)	18.34(6.36)	2.48(0.28)
48 Hour	5.05(-2.33)	19.39(6.34)	2.51(0.58)
72 Hour	4.63(-2.37)	19.85(7.29)	3.06(1.02)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-01-13**

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	4.35(-2.20)	17.42(6.62)	2.35(0.37)
48 Hour	3.91(-2.31)	18.52(7.78)	3.23(0.80)
72 Hour	4.13(-2.25)	22.44(9.18)	3.36(1.17)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-01-13**

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	2.49(-0.19)	16.34(5.77)	2.41(1.20)
48 Hour	3.46(-0.10)	21.07(4.97)	2.60(1.73)
72 Hour	3.59(-0.23)	22.95(4.86)	3.36(1.99)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-01-13**

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	2.79(-0.53)	16.53(5.29)	2.24(1.13)
48 Hour	3.59(-0.59)	18.14(5.35)	3.10(1.30)
72 Hour	4.97(-0.42)	20.82(5.07)	4.36(1.80)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-01-13**

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	2.59(-0.39)	16.58(6.70)	2.40(1.14)
48 Hour	4.58(-0.61)	19.83(4.05)	4.07(1.48)
72 Hour	5.09(-0.69)	20.84(5.33)	4.38(1.60)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-01-13**

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	2.53(0.08)	16.54(6.57)	2.82(1.55)
48 Hour	4.54(0.22)	22.03(6.43)	4.31(2.05)
72 Hour	4.73(0.27)	22.88(5.53)	3.39(2.41)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-01-13**

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	2.81(-0.19)	17.32(2.73)	3.21(1.68)
48 Hour	3.71(-0.11)	20.58(1.91)	2.63(2.41)
72 Hour	3.99(-0.16)	22.03(2.73)	2.94(2.41)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-01-13**

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	2.44(-0.38)	15.82(5.98)	2.23(1.13)
48 Hour	2.91(-0.41)	18.03(2.27)	2.94(1.71)
72 Hour	3.19(-0.47)	21.08(1.28)	3.84(2.26)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-01-13**

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	2.43(-0.22)	15.72(6.53)	2.43(1.24)
48 Hour	2.72(-0.25)	19.14(6.50)	3.10(1.47)
72 Hour	3.72(-0.28)	23.63(4.78)	4.26(1.80)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-01-13**

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(0.05)	16.32(6.26)	2.50(1.23)
48 Hour	3.08(0.18)	19.92(6.65)	3.50(1.64)
72 Hour	4.70(0.42)	21.55(6.79)	5.61(2.10)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-01-13**

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(0.35)	16.76(7.03)	2.86(1.43)
48 Hour	4.09(0.61)	21.21(8.30)	5.12(1.97)
72 Hour	4.52(0.74)	22.16(8.94)	4.89(2.42)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-01-13**

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(0.29)	14.04(2.02)	3.82(1.77)
48 Hour	4.14(0.55)	19.02(2.90)	4.01(2.29)
72 Hour	6.50(0.71)	20.76(2.21)	2.57(2.81)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-01-13**

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	2.57(-0.50)	14.12(2.47)	3.29(1.63)
48 Hour	5.16(-0.78)	17.54(2.97)	2.80(1.94)
72 Hour	5.70(-0.67)	17.17(2.67)	2.66(2.28)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-01-13**

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	2.52(-0.55)	13.68(5.05)	2.24(0.84)
48 Hour	3.18(-1.07)	14.91(5.19)	2.34(1.23)
72 Hour	3.80(-1.37)	16.41(6.36)	2.72(1.43)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-01-13**

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	2.52(-0.31)	15.19(5.58)	2.13(0.97)
48 Hour	3.27(0.07)	17.83(3.78)	2.60(0.95)
72 Hour	3.68(-0.36)	19.28(4.56)	2.88(1.28)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-01-13**

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	2.70(-0.26)	18.98(8.72)	2.09(0.93)
48 Hour	3.31(-0.04)	23.06(8.43)	2.36(1.08)
72 Hour	3.32(0.25)	22.78(5.94)	2.27(0.90)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-01-13**

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	2.75(-0.51)	17.02(7.75)	2.11(0.91)
48 Hour	3.38(-0.42)	18.49(8.37)	2.08(1.11)
72 Hour	3.24(-0.17)	18.87(6.77)	2.32(1.22)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-01-13**

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	2.54(-0.50)	17.63(8.76)	1.75(0.71)
48 Hour	3.17(-0.63)	19.65(8.53)	2.46(1.12)
72 Hour	3.02(-0.38)	19.71(9.78)	2.58(1.34)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-01-13**

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	2.75(-0.48)	14.73(5.88)	1.98(0.92)
48 Hour	3.76(-0.29)	16.57(4.75)	2.73(1.35)
72 Hour	3.98(-0.35)	19.07(6.42)	3.25(1.65)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30-01-13**

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	2.60(-0.27)	15.77(7.58)	2.17(0.91)
48 Hour	3.45(-0.17)	20.21(7.46)	2.77(1.26)
72 Hour	3.46(0.06)	23.10(7.30)	2.48(1.49)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 31-01-13**

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	2.59(0.23)	16.73(6.51)	2.30(1.22)
48 Hour	3.10(0.42)	20.40(6.30)	2.09(1.43)
72 Hour	3.18(0.44)	18.83(6.05)	2.95(1.81)