

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-12-16
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(-0.56)	13.20(3.91)	2.04(1.12)
48 Hour	2.50(-0.31)	17.71(4.24)	2.54(1.84)
72 Hour	3.26(-0.10)	20.14(4.37)	3.37(2.18)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-12-16
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	1.77(-0.58)	13.60(0.85)	2.07(1.09)
48 Hour	2.65(-0.61)	17.08(1.58)	2.85(1.37)
72 Hour	2.93(-0.37)	18.88(2.15)	4.06(1.72)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-12-16
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	1.74(-0.50)	12.10(2.36)	2.05(1.23)
48 Hour	2.56(-0.43)	18.24(1.65)	3.01(1.50)
72 Hour	2.92(-0.34)	22.12(1.56)	3.69(1.69)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-12-16
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	1.69(-0.15)	13.33(1.98)	2.25(1.33)
48 Hour	2.34(0.01)	21.73(2.03)	3.06(1.72)
72 Hour	2.66(0.18)	22.01(2.52)	4.48(2.15)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-12-16
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	1.70(-0.28)	15.70(3.87)	2.12(1.31)
48 Hour	2.10(0.04)	17.74(1.75)	3.40(1.84)
72 Hour	2.48(0.08)	16.57(2.05)	3.96(2.03)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-12-16
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(-0.14)	13.89(2.79)	2.44(1.67)
48 Hour	2.20(-0.03)	14.96(3.58)	3.14(2.04)
72 Hour	2.13(0.29)	14.72(1.67)	3.53(2.49)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-12-16
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	1.73(-0.25)	12.94(2.33)	2.35(1.60)
48 Hour	2.01(-0.17)	13.58(3.36)	2.87(1.94)
72 Hour	2.03(0.04)	13.82(3.00)	3.27(2.23)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-12-16
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(-0.14)	12.49(2.48)	2.17(1.42)
48 Hour	2.05(0.17)	14.80(2.80)	2.42(1.75)
72 Hour	2.26(0.21)	16.14(3.54)	3.50(2.11)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-12-16
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	1.71(-0.33)	13.52(4.38)	2.17(1.26)
48 Hour	2.00(0.05)	16.28(4.96)	3.68(1.50)
72 Hour	2.88(0.33)	19.30(4.25)	4.96(2.02)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-12-16
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(-0.23)	14.24(2.91)	2.36(1.03)
48 Hour	2.62(0.15)	19.41(3.67)	4.03(1.16)
72 Hour	3.26(0.40)	20.68(3.95)	4.01(1.39)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-12-16
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	1.79(-0.22)	14.14(1.52)	2.68(1.18)
48 Hour	2.38(0.22)	17.30(2.18)	3.11(1.21)
72 Hour	2.63(0.48)	16.86(2.08)	3.66(1.42)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-12-16
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	1.76(-0.41)	14.51(3.54)	2.10(0.87)
48 Hour	2.09(0.02)	16.14(3.25)	2.85(0.97)
72 Hour	2.35(0.46)	18.38(4.09)	3.23(0.74)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-12-16
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	1.79(-0.37)	13.79(3.11)	2.04(0.83)
48 Hour	2.22(-0.18)	18.54(2.89)	2.09(1.00)
72 Hour	2.79(0.06)	21.06(3.22)	2.92(0.96)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-12-16
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(-0.51)	14.07(2.18)	1.85(1.05)
48 Hour	2.56(-0.37)	17.17(2.41)	2.58(0.95)
72 Hour	2.96(-0.21)	17.50(2.23)	3.65(0.98)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-12-16
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(-0.48)	13.99(2.99)	1.82(0.93)
48 Hour	2.34(-0.27)	15.37(2.93)	2.88(1.26)
72 Hour	2.78(-0.19)	20.03(3.45)	3.49(1.30)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-12-16
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	1.71(-0.01)	13.99(2.59)	2.21(1.37)
48 Hour	2.15(0.06)	19.11(1.58)	2.97(1.44)
72 Hour	2.23(0.23)	18.69(2.17)	2.83(1.63)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-12-16
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	1.65(-0.36)	13.49(3.34)	2.29(1.40)
48 Hour	2.00(-0.15)	15.68(3.27)	2.42(1.66)
72 Hour	2.09(-0.16)	16.19(3.44)	2.91(1.93)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-12-16
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	1.64(-0.32)	14.03(3.06)	2.12(1.22)
48 Hour	1.91(-0.03)	17.17(3.64)	2.84(1.61)
72 Hour	2.01(-0.00)	16.85(2.69)	3.52(1.70)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-12-16
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	1.76(-0.38)	13.96(2.31)	2.36(1.27)
48 Hour	1.97(0.19)	15.94(2.83)	2.99(1.60)
72 Hour	2.02(0.28)	17.95(1.44)	2.77(1.84)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-12-16
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	1.84(-0.55)	14.02(1.40)	2.33(1.22)
48 Hour	2.14(0.04)	16.94(1.33)	2.53(1.73)
72 Hour	2.46(0.55)	17.10(2.68)	2.70(1.99)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-12-16
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	1.84(-0.59)	14.55(1.68)	2.07(1.23)
48 Hour	2.13(-0.42)	16.79(0.91)	2.52(1.55)
72 Hour	2.36(-0.22)	18.66(1.09)	2.76(1.89)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-12-16
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	1.74(-0.14)	13.54(3.22)	2.17(1.27)
48 Hour	2.16(-0.03)	18.63(2.28)	2.47(1.52)
72 Hour	2.81(-0.06)	22.24(2.71)	3.47(1.66)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-12-16
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	1.69(-0.32)	14.16(3.46)	2.00(1.11)
48 Hour	2.07(0.09)	18.32(4.19)	3.20(1.54)
72 Hour	3.37(-0.02)	23.70(2.30)	3.28(1.68)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-12-16
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	1.65(-0.44)	14.78(2.24)	2.38(1.43)
48 Hour	3.02(-0.10)	21.63(3.00)	2.82(1.90)
72 Hour	3.68(-0.07)	22.05(3.25)	2.74(2.14)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-12-16
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(-0.72)	14.21(2.34)	2.15(1.28)
48 Hour	3.04(-0.65)	18.20(1.68)	2.44(1.68)
72 Hour	3.43(-0.50)	19.30(2.06)	3.33(1.86)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-12-16
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(-0.68)	13.27(2.34)	1.92(1.02)
48 Hour	2.89(-0.48)	19.17(2.13)	3.23(1.29)
72 Hour	3.49(-0.43)	19.89(1.82)	3.79(1.36)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-12-16
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(-0.22)	13.20(2.45)	2.17(1.34)
48 Hour	3.06(-0.02)	19.53(2.19)	3.26(1.59)
72 Hour	2.93(0.15)	18.86(2.14)	3.17(1.55)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-12-16
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(-0.02)	14.28(2.70)	2.51(1.65)
48 Hour	2.60(0.35)	16.83(1.67)	3.19(2.12)
72 Hour	2.84(0.22)	19.06(-0.13)	2.92(2.08)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-12-16
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(-0.27)	14.03(2.09)	2.62(1.79)
48 Hour	2.61(-0.15)	16.72(0.53)	2.87(2.00)
72 Hour	3.00(-0.04)	17.05(0.77)	2.30(2.13)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30-12-16
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(-0.25)	14.69(2.90)	2.52(1.84)
48 Hour	2.12(-0.26)	16.51(2.08)	2.40(2.27)
72 Hour	2.53(-0.05)	17.42(0.67)	2.55(2.31)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 31-12-16
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(-0.32)	12.27(2.51)	2.13(1.47)
48 Hour	2.22(-0.10)	14.83(1.93)	2.24(1.56)
72 Hour	2.37(-0.41)	15.44(-0.80)	2.30(1.49)