

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-01-17
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(-0.41)	12.67(2.29)	1.97(1.33)
48 Hour	2.23(-0.23)	14.32(2.94)	2.08(1.53)
72 Hour	2.41(0.14)	15.29(2.13)	2.62(1.66)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-01-17
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(-0.34)	11.58(2.05)	1.84(1.15)
48 Hour	2.35(-0.19)	14.18(2.13)	2.51(1.32)
72 Hour	2.87(-0.01)	17.22(2.63)	3.38(1.51)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-01-17
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(-0.24)	11.79(1.79)	2.06(1.22)
48 Hour	2.51(-0.08)	15.69(1.60)	2.97(1.51)
72 Hour	2.72(-0.05)	18.87(1.31)	3.73(1.69)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-01-17
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)	12.34(1.93)	2.20(1.37)
48 Hour	2.59(0.22)	18.34(1.10)	3.12(2.03)
72 Hour	2.74(0.37)	20.35(1.02)	3.58(2.14)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-01-17
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(-0.07)	13.10(0.71)	2.28(1.35)
48 Hour	2.13(0.30)	15.46(-0.80)	2.63(2.01)
72 Hour	2.83(0.58)	19.87(-0.92)	4.06(2.47)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-01-17
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	1.98(-0.10)	12.63(2.36)	2.19(1.40)
48 Hour	2.61(0.13)	19.48(1.50)	3.20(1.67)
72 Hour	3.75(0.16)	22.01(-0.76)	4.31(2.19)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-01-17
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(-0.42)	14.22(0.99)	2.43(1.43)
48 Hour	3.06(-0.09)	19.22(0.35)	3.41(1.96)
72 Hour	3.59(0.05)	21.99(-1.01)	3.85(2.47)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-01-17
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	2.40(-0.38)	18.24(-4.46)	1.90(1.08)
48 Hour	2.77(-0.14)	18.46(-4.79)	2.52(1.22)
72 Hour	3.22(0.08)	19.05(-3.45)	3.14(1.66)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-01-17
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	2.31(-0.35)	15.08(-0.87)	2.08(1.33)
48 Hour	2.57(0.04)	16.73(-1.71)	2.75(1.54)
72 Hour	3.87(0.30)	20.06(-1.72)	3.35(1.34)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-01-17
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	2.39(-0.61)	14.80(-1.11)	2.25(1.38)
48 Hour	3.33(-0.16)	17.69(0.32)	2.73(1.41)
72 Hour	4.06(0.33)	21.10(-0.49)	3.29(1.59)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-01-17
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	1.98(-0.25)	13.80(1.81)	2.27(1.27)
48 Hour	2.78(0.12)	17.79(2.37)	2.43(1.56)
72 Hour	3.11(0.19)	17.93(3.12)	2.87(1.90)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-01-17
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(-0.54)	13.12(1.20)	2.12(1.28)
48 Hour	2.72(-0.16)	16.62(1.45)	2.37(1.54)
72 Hour	2.61(-0.03)	16.75(2.33)	3.10(1.89)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-01-17
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	1.92(-0.49)	14.13(-0.91)	2.08(1.34)
48 Hour	2.23(-0.33)	15.53(-1.56)	2.74(1.37)
72 Hour	2.62(0.04)	17.44(-1.14)	3.51(1.69)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-01-17
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(-0.33)	12.12(0.25)	2.27(1.29)
48 Hour	2.13(-0.16)	15.09(0.22)	2.82(1.40)
72 Hour	2.97(-0.09)	18.98(-0.82)	3.19(1.57)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-01-17
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	1.99(-0.42)	13.12(-0.35)	2.35(1.31)
48 Hour	2.82(-0.11)	18.35(-0.81)	2.68(1.58)
72 Hour	3.16(0.12)	17.26(-1.27)	3.00(1.72)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-01-17
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	2.21(-0.33)	14.78(-1.16)	2.26(1.39)
48 Hour	3.14(0.19)	16.86(-2.09)	2.51(1.74)
72 Hour	4.25(0.79)	17.20(-2.56)	3.08(1.88)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-01-17
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(-0.18)	13.77(0.87)	2.09(1.22)
48 Hour	3.30(0.03)	17.27(-0.39)	2.93(1.51)
72 Hour	3.15(0.45)	19.32(1.22)	3.14(1.93)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-01-17
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	2.21(-0.21)	12.44(1.75)	2.23(1.28)
48 Hour	2.42(-0.06)	17.05(1.38)	2.71(1.68)
72 Hour	2.76(-0.14)	17.70(1.11)	3.46(1.80)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-01-17
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	1.98(-0.49)	13.84(0.60)	2.15(1.27)
48 Hour	2.80(-0.25)	16.20(0.84)	3.07(1.66)
72 Hour	3.52(-0.03)	18.81(0.69)	3.64(1.90)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-01-17
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(-0.34)	13.28(2.32)	2.70(1.35)
48 Hour	2.98(-0.24)	16.55(2.30)	3.52(1.90)
72 Hour	3.23(-0.14)	18.04(0.98)	3.80(2.10)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-01-17
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(-0.03)	13.43(2.51)	2.64(1.22)
48 Hour	2.25(0.23)	15.63(1.04)	3.16(1.96)
72 Hour	3.47(0.19)	21.47(1.07)	3.71(2.16)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-01-17
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	1.90(-0.35)	12.94(2.46)	2.74(1.45)
48 Hour	2.98(-0.00)	18.90(2.75)	3.06(1.94)
72 Hour	3.56(0.13)	23.02(1.54)	3.15(2.36)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-01-17
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	1.90(-0.12)	13.84(3.28)	2.39(1.25)
48 Hour	3.24(0.05)	20.76(3.71)	2.99(1.80)
72 Hour	3.17(0.18)	21.58(3.61)	2.37(2.22)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-01-17
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	1.92(-0.48)	13.01(-0.34)	2.46(1.36)
48 Hour	2.80(-0.29)	17.49(-0.63)	2.46(1.79)
72 Hour	2.86(-0.16)	18.55(-1.00)	2.91(2.00)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-01-17
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(0.17)	13.28(2.79)	2.21(1.21)
48 Hour	2.67(0.26)	17.23(1.58)	2.69(1.31)
72 Hour	3.01(0.08)	21.19(0.45)	2.93(1.37)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30-01-17
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(-0.12)	12.61(0.94)	2.29(1.36)
48 Hour	2.71(0.59)	18.01(0.47)	2.88(1.69)
72 Hour	3.10(0.50)	21.68(-0.27)	2.78(1.66)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 31-01-17
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(-0.42)	14.69(1.23)	2.25(1.43)
48 Hour	2.84(-0.08)	19.94(-0.25)	2.70(1.71)
72 Hour	2.85(0.38)	20.91(-1.68)	3.11(1.95)