

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 01-11-20
 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(-0.65)	14.35(4.56)	1.83(0.91)
48 Hour	1.99(-0.53)	15.85(5.12)	2.14(1.09)
72 Hour	2.36(-0.56)	17.61(4.38)	2.44(1.12)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 02-11-20
 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(-0.61)	14.25(4.14)	1.84(0.94)
48 Hour	2.22(-0.47)	16.79(3.84)	2.28(1.10)
72 Hour	2.69(-0.58)	20.99(1.90)	2.56(1.20)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-11-20

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(-0.70)	12.76(4.13)	1.90(0.98)
48 Hour	2.39(-0.61)	17.48(3.51)	2.38(1.11)
72 Hour	3.00(-0.68)	20.81(2.03)	2.42(1.26)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 04-11-20
 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(-0.81)	14.10(4.67)	1.95(1.05)
48 Hour	2.61(-0.73)	19.19(4.93)	2.14(1.24)
72 Hour	3.02(-0.71)	20.16(3.53)	2.33(1.39)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 05-11-20
 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(-0.86)	14.80(5.56)	1.94(1.03)
48 Hour	2.15(-0.86)	18.55(5.57)	2.28(1.22)
72 Hour	2.19(-0.71)	19.05(6.22)	2.81(1.40)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 06-11-20
 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(-0.73)	14.66(4.69)	1.87(1.10)
48 Hour	2.04(-0.54)	16.78(5.73)	2.46(1.23)
72 Hour	2.33(-0.66)	17.61(5.53)	2.84(1.28)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 07-11-20
 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(-0.33)	13.42(4.05)	1.91(1.17)
48 Hour	2.07(-0.25)	14.00(3.32)	2.33(1.34)
72 Hour	2.30(-0.08)	16.38(4.85)	2.58(1.30)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 08-11-20
 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)	11.38(2.79)	1.90(1.02)
48 Hour	2.05(0.02)	14.76(3.10)	2.26(1.04)
72 Hour	2.64(-0.03)	19.97(2.91)	2.51(1.33)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 09-11-20
 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	1.86(-0.29)	12.65(4.26)	2.11(1.40)
48 Hour	2.37(0.14)	17.94(3.96)	2.59(1.49)
72 Hour	2.54(0.28)	23.02(3.92)	2.71(1.47)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 10-11-20
 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	1.87(-0.46)	14.57(6.59)	1.95(1.02)
48 Hour	2.24(-0.04)	18.95(5.67)	2.24(1.29)
72 Hour	2.72(0.21)	21.87(6.30)	2.49(1.40)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 11-11-20
 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(-0.45)	14.40(5.69)	2.03(1.30)
48 Hour	2.43(-0.15)	18.46(6.11)	2.56(1.38)
72 Hour	2.46(0.15)	19.91(6.63)	2.75(1.45)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 12-11-20
 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(-0.44)	13.54(5.45)	2.05(1.16)
48 Hour	2.04(-0.19)	16.43(6.33)	2.63(1.44)
72 Hour	2.21(0.05)	17.85(6.88)	2.94(1.31)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 13-11-20
 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	1.68(-0.42)	12.51(4.86)	2.06(1.13)
48 Hour	1.85(-0.14)	18.38(7.02)	2.76(1.48)
72 Hour	2.27(-0.12)	19.17(7.95)	3.37(1.49)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 14-11-20
 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(-0.42)	13.01(5.96)	2.37(1.18)
48 Hour	2.04(-0.16)	17.43(6.41)	3.18(1.43)
72 Hour	3.32(-0.02)	23.24(5.67)	3.35(1.53)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 15-11-20
 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	1.63(-0.50)	12.97(4.95)	2.62(1.12)
48 Hour	2.67(-0.29)	21.80(5.01)	2.95(1.23)
72 Hour	4.05(-0.28)	23.78(3.36)	2.64(1.42)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-11-20

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	1.87(-0.68)	13.35(2.90)	2.37(1.06)
48 Hour	3.42(-0.38)	20.61(1.57)	2.60(1.26)
72 Hour	3.97(-0.44)	22.21(0.39)	2.57(1.38)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 17-11-20
 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(-0.77)	14.01(2.43)	2.16(0.60)
48 Hour	2.41(-0.71)	17.55(2.83)	2.46(0.85)
72 Hour	2.59(-0.63)	20.69(1.58)	3.05(1.00)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-11-20

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(-0.59)	13.89(3.08)	2.19(1.03)
48 Hour	2.04(-0.41)	18.26(2.14)	2.93(1.02)
72 Hour	2.52(-0.42)	18.49(3.65)	3.37(0.98)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 19-11-20
 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(-0.61)	14.81(2.57)	2.36(1.06)
48 Hour	2.65(-0.43)	18.59(2.05)	2.82(1.23)
72 Hour	3.33(-0.28)	19.87(1.93)	2.65(0.98)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-11-20

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(-0.82)	15.30(1.70)	2.19(0.89)
48 Hour	2.70(-0.75)	17.28(1.14)	2.40(1.15)
72 Hour	3.60(-0.53)	20.83(0.99)	3.12(1.30)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 21-11-20
 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(-0.80)	15.28(3.56)	1.98(0.85)
48 Hour	2.72(-0.80)	19.81(1.74)	2.79(1.07)
72 Hour	3.40(-0.69)	24.51(0.13)	3.86(1.31)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-11-20

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	1.86(-0.70)	14.15(2.35)	2.41(1.15)
48 Hour	2.95(-0.55)	22.10(1.13)	3.42(1.18)
72 Hour	3.06(-0.71)	22.00(0.40)	3.60(1.53)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 23-11-20
 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(-0.61)	16.22(5.52)	2.45(1.33)
48 Hour	2.00(-0.32)	19.87(4.16)	3.14(1.56)
72 Hour	2.43(0.06)	20.59(3.93)	3.57(1.72)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 24-11-20
 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	1.67(-0.41)	13.39(4.26)	2.35(1.23)
48 Hour	1.98(-0.08)	15.11(3.93)	2.89(1.61)
72 Hour	2.69(-0.00)	19.27(2.92)	3.85(1.53)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 25-11-20
 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(-0.41)	12.78(3.65)	2.50(0.98)
48 Hour	2.62(0.02)	17.62(3.80)	3.56(1.20)
72 Hour	3.54(0.31)	22.92(4.13)	3.87(1.36)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-11-20

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(-0.54)	13.40(2.08)	2.54(1.27)
48 Hour	3.18(-0.11)	21.11(1.89)	2.96(1.42)
72 Hour	3.64(0.12)	22.86(3.23)	3.36(1.56)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 27-11-20
 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(-0.40)	13.46(2.71)	2.12(0.94)
48 Hour	3.18(-0.26)	17.48(3.17)	2.80(1.46)
72 Hour	3.34(-0.12)	18.50(4.02)	2.95(1.69)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 28-11-20
 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	2.00(-0.38)	12.27(3.04)	2.25(1.17)
48 Hour	2.50(-0.10)	19.84(4.41)	2.82(1.35)
72 Hour	2.30(-0.01)	19.82(2.61)	3.47(1.68)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 29-11-20
 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(-0.23)	14.11(4.22)	2.31(1.14)
48 Hour	2.08(-0.07)	21.42(4.75)	2.94(1.46)
72 Hour	2.55(0.17)	19.54(5.07)	3.44(1.73)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 30-11-20
 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(-0.43)	13.62(5.63)	2.34(1.28)
48 Hour	2.16(-0.18)	15.53(4.95)	2.90(1.57)
72 Hour	2.45(-0.41)	17.76(2.34)	2.81(1.76)



















































































































































































