

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-04-21

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	2.47(-0.96)	16.50(3.78)	2.85(1.74)
48 Hour	3.36(-1.03)	20.20(1.25)	3.51(1.87)
72 Hour	4.24(-1.49)	24.77(-1.37)	3.29(1.70)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-04-21

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	2.74(-1.12)	16.56(5.63)	3.14(1.61)
48 Hour	3.38(-1.34)	19.79(1.06)	3.10(1.70)
72 Hour	3.73(-1.71)	22.27(-0.02)	2.99(1.89)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-04-21

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	2.47(-0.74)	17.73(6.87)	2.60(1.39)
48 Hour	3.54(-1.16)	20.73(3.49)	2.72(1.59)
72 Hour	4.45(-1.81)	23.37(0.91)	3.16(1.67)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-04-21

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(-0.57)	17.56(8.61)	2.49(1.37)
48 Hour	3.85(-0.22)	21.69(8.74)	3.11(1.44)
72 Hour	4.42(-0.69)	23.73(5.73)	3.13(1.61)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-04-21

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(-0.20)	18.86(9.03)	2.50(1.24)
48 Hour	3.51(0.17)	22.79(7.67)	2.95(1.69)
72 Hour	4.33(0.69)	22.81(6.96)	3.34(1.55)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-04-21

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)	16.90(7.05)	2.65(1.11)
48 Hour	3.11(0.14)	18.62(6.44)	3.00(1.12)
72 Hour	4.11(0.06)	20.06(5.56)	3.58(1.12)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-04-21

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(-0.46)	15.46(6.05)	2.76(1.37)
48 Hour	3.42(0.25)	20.22(3.85)	3.06(1.48)
72 Hour	3.49(0.46)	22.52(1.06)	3.05(1.65)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-04-21

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(-0.74)	16.66(5.15)	2.36(1.25)
48 Hour	2.42(-0.58)	18.05(5.10)	2.47(1.66)
72 Hour	2.65(-0.05)	18.94(3.11)	2.47(1.85)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-04-21

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(-0.73)	16.20(6.63)	2.24(1.08)
48 Hour	2.57(-0.52)	17.61(4.78)	2.36(1.46)
72 Hour	2.79(-0.60)	19.28(2.60)	2.58(1.70)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-04-21

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(-0.77)	16.33(6.67)	2.19(1.16)
48 Hour	2.47(-0.33)	17.46(6.41)	2.46(1.20)
72 Hour	2.63(-0.14)	19.30(6.46)	2.54(1.42)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-04-21

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	2.36(-0.63)	16.23(7.07)	2.19(1.16)
48 Hour	2.58(-0.34)	19.74(7.02)	2.34(1.42)
72 Hour	2.67(0.14)	21.16(7.67)	2.32(1.56)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-04-21

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(-0.53)	15.28(6.86)	2.22(1.19)
48 Hour	2.50(-0.28)	18.70(7.29)	2.30(1.35)
72 Hour	2.54(-0.12)	17.60(8.37)	2.48(1.55)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-04-21

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(-0.62)	15.44(7.29)	2.24(1.15)
48 Hour	2.46(-0.34)	16.98(7.96)	2.48(1.31)
72 Hour	2.54(-0.10)	17.61(8.59)	2.51(1.25)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-04-21

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	2.34(-0.66)	16.03(7.41)	2.18(1.15)
48 Hour	2.48(-0.17)	18.58(6.94)	2.51(1.33)
72 Hour	2.66(0.00)	18.14(7.34)	2.72(1.31)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-04-21

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	2.04(-0.33)	14.13(7.11)	2.36(1.34)
48 Hour	2.53(-0.09)	17.62(6.88)	2.64(1.29)
72 Hour	2.91(0.22)	20.24(5.78)	2.64(1.35)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-04-21

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(-0.24)	14.86(7.61)	2.42(1.11)
48 Hour	2.36(0.11)	20.30(7.47)	2.65(1.12)
72 Hour	2.57(0.30)	19.88(6.17)	2.87(1.20)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 17-04-21
 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(-0.35)	15.39(6.08)	2.27(1.19)
48 Hour	2.27(0.02)	17.49(7.44)	2.75(1.07)
72 Hour	2.32(0.14)	20.52(6.26)	3.70(1.20)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-04-21

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	2.24(-0.48)	15.86(5.04)	2.30(1.35)
48 Hour	2.52(-0.23)	19.91(4.35)	3.04(1.50)
72 Hour	2.98(0.03)	23.82(5.26)	3.10(1.46)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-04-21

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	2.24(-0.72)	15.57(3.98)	2.66(1.54)
48 Hour	2.64(-0.32)	19.69(3.51)	2.95(1.39)
72 Hour	3.03(-0.07)	18.62(3.53)	3.30(1.88)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-04-21

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	2.22(-0.50)	16.07(5.13)	2.51(1.40)
48 Hour	3.30(-0.13)	20.12(3.32)	3.19(1.62)
72 Hour	3.52(-0.00)	18.82(2.55)	3.51(1.63)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-04-21

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	2.12(-0.26)	15.05(7.91)	2.64(1.43)
48 Hour	3.04(0.11)	16.78(6.03)	3.17(1.82)
72 Hour	3.54(0.33)	21.32(4.97)	3.52(2.06)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-04-21

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(-0.56)	13.77(4.76)	2.54(1.34)
48 Hour	2.97(-0.30)	19.80(4.30)	3.29(1.67)
72 Hour	2.89(0.14)	22.41(2.70)	3.01(1.94)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-04-21

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(-0.67)	16.02(3.92)	2.87(1.35)
48 Hour	2.77(-0.42)	19.36(1.46)	2.96(1.57)
72 Hour	3.13(-0.10)	21.83(1.49)	2.92(1.72)



















































































































































































