

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 01-01-21
 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(-0.53)	13.83(3.97)	2.46(1.35)
48 Hour	2.59(-0.34)	19.12(3.60)	2.74(1.61)
72 Hour	2.63(-0.47)	23.27(2.64)	2.74(1.62)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-01-21

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	2.02(-0.75)	15.56(4.73)	2.41(1.24)
48 Hour	2.39(-0.40)	22.00(5.15)	2.51(1.60)
72 Hour	2.65(-0.28)	25.68(6.21)	2.66(1.77)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-01-21

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	1.89(-0.66)	16.47(6.01)	2.27(1.03)
48 Hour	2.02(-0.55)	20.72(5.12)	2.58(1.25)
72 Hour	2.37(-0.33)	25.25(5.59)	2.58(1.53)

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

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(-0.60)	14.92(5.75)	2.38(1.23)
48 Hour	2.01(-0.38)	18.50(4.96)	2.48(1.42)
72 Hour	2.28(-0.33)	19.24(4.44)	3.06(1.53)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-01-21

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	2.10(-0.44)	14.90(6.18)	2.38(0.96)
48 Hour	2.50(-0.18)	18.49(6.09)	3.19(1.24)
72 Hour	3.06(-0.04)	21.21(6.55)	2.83(1.52)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-01-21

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(-0.70)	14.60(2.58)	2.90(1.20)
48 Hour	2.98(-0.20)	19.16(2.18)	2.89(1.42)
72 Hour	2.70(-0.08)	23.09(2.62)	3.21(1.58)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 07-01-21
 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(-0.83)	15.78(2.48)	2.38(1.06)
48 Hour	2.19(-0.58)	19.75(2.37)	3.48(1.40)
72 Hour	2.67(-0.40)	20.30(3.52)	3.90(1.51)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-01-21

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(-0.46)	16.67(3.15)	2.94(1.40)
48 Hour	2.67(-0.23)	22.15(1.40)	3.73(1.52)
72 Hour	2.98(-0.09)	22.56(2.08)	3.36(1.70)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-01-21

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	2.02(-0.53)	14.57(2.81)	2.95(1.34)
48 Hour	2.80(-0.01)	17.69(5.22)	2.93(1.85)
72 Hour	3.32(0.01)	18.98(8.05)	2.69(1.79)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-01-21

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	1.98(-0.53)	16.32(5.17)	2.71(1.33)
48 Hour	2.50(-0.34)	17.17(5.07)	2.53(1.66)
72 Hour	2.86(0.12)	20.00(8.83)	3.66(1.84)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 11-01-21
 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	1.85(-0.61)	15.92(6.12)	2.37(1.22)
48 Hour	2.70(-0.20)	18.10(6.07)	3.85(1.46)
72 Hour	3.27(0.04)	20.01(7.34)	3.10(1.76)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 12-01-21
 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	2.41(-0.84)	15.98(3.68)	3.00(1.74)
48 Hour	3.04(-0.47)	18.69(3.15)	2.66(2.03)
72 Hour	3.19(-0.03)	22.55(3.00)	2.89(2.12)

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

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	2.14(-0.84)	14.67(3.07)	2.37(1.24)
48 Hour	2.43(-0.69)	21.06(3.04)	2.56(1.40)
72 Hour	2.65(-0.37)	22.11(3.20)	2.60(1.67)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-01-21

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(-0.66)	16.44(4.86)	2.24(1.22)
48 Hour	2.23(-0.19)	19.87(4.83)	2.50(1.54)
72 Hour	2.39(-0.12)	22.46(4.48)	2.10(1.68)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-01-21

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	1.95(-0.70)	15.23(6.53)	2.25(1.24)
48 Hour	2.50(-0.32)	22.04(6.22)	2.34(1.50)
72 Hour	3.21(0.04)	22.68(6.56)	2.17(1.59)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-01-21

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	2.10(-0.94)	16.50(5.63)	2.06(0.99)
48 Hour	2.99(-0.48)	19.30(6.05)	2.12(1.01)
72 Hour	2.54(-0.11)	22.30(4.18)	3.55(1.00)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 17-01-21
 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	1.93(-0.67)	15.76(6.31)	1.95(0.97)
48 Hour	2.76(-0.35)	22.62(5.90)	3.55(1.08)
72 Hour	2.96(-0.09)	24.95(7.21)	2.97(1.18)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-01-21

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	2.03(-0.45)	16.82(6.65)	2.56(1.31)
48 Hour	2.56(0.02)	21.22(6.17)	2.56(1.47)
72 Hour	2.97(-0.01)	22.88(4.90)	2.57(1.54)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-01-21

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	1.94(-0.66)	16.02(5.24)	2.53(1.46)
48 Hour	2.50(-0.26)	20.28(5.03)	2.59(1.52)
72 Hour	3.12(-0.02)	23.69(5.39)	2.92(1.46)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-01-21

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	1.96(-0.83)	15.96(3.40)	2.18(1.32)
48 Hour	2.67(-0.51)	22.40(2.56)	2.91(1.40)
72 Hour	3.52(-0.40)	26.13(1.05)	3.78(1.55)

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

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	2.02(-0.76)	15.77(5.19)	2.33(1.41)
48 Hour	3.22(-0.62)	23.11(2.55)	3.47(1.68)
72 Hour	4.37(-0.42)	23.32(2.23)	5.93(1.50)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-01-21

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	2.09(-0.62)	15.77(7.08)	2.88(1.59)
48 Hour	3.44(-0.20)	22.37(5.62)	4.71(1.50)
72 Hour	4.18(-0.12)	25.89(3.80)	3.86(1.57)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-01-21

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	1.96(-0.58)	17.17(5.53)	2.27(1.23)
48 Hour	2.45(-0.31)	19.60(4.10)	2.62(1.17)
72 Hour	2.84(-0.03)	22.77(3.72)	2.76(1.13)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-01-21

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	2.08(-0.75)	17.63(4.80)	2.15(1.13)
48 Hour	2.61(-0.23)	21.61(3.90)	2.32(1.20)
72 Hour	3.17(-0.01)	22.15(4.34)	2.62(1.29)

Error Statistics in Surface Meteorological Parameter
 Validation Time 0000 UTC 30-01-21
 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	2.17(-0.88)	16.88(4.53)	2.20(1.12)
48 Hour	2.62(-0.60)	19.24(3.49)	2.27(1.04)
72 Hour	3.44(-0.39)	21.84(4.85)	2.79(1.24)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 31-01-21

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(-0.81)	17.38(6.11)	2.09(1.08)
48 Hour	2.48(-0.56)	21.25(6.16)	2.62(1.02)
72 Hour	3.16(-0.17)	24.17(7.34)	2.76(1.16)

























































































































































































