

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-09-15

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 | 1.62(-0.65) | 10.16(3.28) | 1.80(0.82) |
| 48 Hour | 1.82(-0.35) | 11.43(3.31) | 1.85(1.03) |
| 72 Hour | 1.67(-0.29) | 11.80(3.28) | 1.97(1.01) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-09-15

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 | 1.66(-0.63) | 12.28(6.88) | 1.67(0.43) |
| 48 Hour | 1.79(-0.24) | 13.44(6.38) | 1.91(0.81) |
| 72 Hour | 1.67(-0.01) | 14.05(6.14) | 2.08(1.00) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-09-15

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(-0.80) | 11.30(4.66) | 1.70(0.64) |
| 48 Hour | 1.65(-0.52) | 11.40(4.86) | 1.80(0.94) |
| 72 Hour | 1.73(-0.22) | 13.30(4.42) | 1.94(1.20) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-09-15

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 | 1.66(-0.92) | 10.56(5.26) | 1.75(0.50) |
| 48 Hour | 1.60(-0.72) | 11.05(5.08) | 2.02(0.88) |
| 72 Hour | 1.67(-0.49) | 12.59(5.66) | 2.24(0.83) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-09-15

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(-0.85) | 10.74(4.14) | 1.58(0.46) |
| 48 Hour | 1.74(-0.66) | 12.19(5.02) | 1.94(0.85) |
| 72 Hour | 2.00(-0.50) | 12.79(3.98) | 2.36(0.88) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-09-15

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(-0.72) | 10.75(5.61) | 1.63(0.52) |
| 48 Hour | 1.97(-0.73) | 11.32(4.61) | 1.93(0.67) |
| 72 Hour | 2.07(-0.50) | 12.05(4.75) | 2.10(0.68) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-09-15

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(-0.65) | 12.64(6.88) | 1.76(0.52) |
| 48 Hour | 2.00(-0.46) | 13.29(7.40) | 2.05(0.66) |
| 72 Hour | 2.08(-0.48) | 13.93(6.81) | 2.40(0.67) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-09-15

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(-0.65) | 12.28(7.05) | 1.62(0.49) |
| 48 Hour | 1.76(-0.40) | 12.27(6.85) | 1.78(0.61) |
| 72 Hour | 1.73(-0.17) | 13.14(7.56) | 1.96(0.77) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-09-15

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(-0.72) | 12.24(6.70) | 1.77(0.35) |
| 48 Hour | 1.72(-0.53) | 13.47(6.45) | 1.77(0.41) |
| 72 Hour | 1.82(-0.28) | 14.65(6.49) | 1.92(0.70) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-09-15

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 | 1.66(-0.66) | 13.17(7.88) | 1.70(0.38) |
| 48 Hour | 1.60(-0.49) | 13.66(7.30) | 1.75(0.45) |
| 72 Hour | 1.73(-0.24) | 14.84(7.17) | 2.32(0.61) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-09-15

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(-0.64) | 12.46(7.47) | 1.78(0.61) |
| 48 Hour | 1.69(-0.34) | 13.68(7.60) | 2.42(0.54) |
| 72 Hour | 1.96(-0.27) | 14.34(6.64) | 2.85(0.67) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-09-15

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 | 1.72(-0.66) | 12.31(6.12) | 1.77(0.46) |
| 48 Hour | 1.93(-0.51) | 13.44(5.75) | 2.22(0.89) |
| 72 Hour | 1.92(-0.17) | 13.53(5.88) | 3.19(0.60) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-09-15

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 | 1.72(-0.65) | 12.79(6.45) | 1.75(0.63) |
| 48 Hour | 1.92(-0.46) | 13.95(5.22) | 2.40(0.95) |
| 72 Hour | 1.95(-0.39) | 16.61(5.07) | 3.15(1.18) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-09-15

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(-0.82) | 12.68(7.16) | 1.62(0.23) |
| 48 Hour | 1.80(-0.53) | 15.91(6.50) | 2.00(0.56) |
| 72 Hour | 1.78(-0.30) | 16.84(5.12) | 2.13(1.05) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-09-15

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(-0.65) | 12.47(7.56) | 1.69(0.21) |
| 48 Hour | 1.69(-0.55) | 13.96(7.77) | 1.87(0.21) |
| 72 Hour | 1.65(-0.32) | 15.21(7.60) | 2.55(0.85) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-09-15

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 | 1.62(-0.59) | 10.99(5.25) | 1.73(0.40) |
| 48 Hour | 1.55(-0.43) | 12.92(5.70) | 2.22(0.41) |
| 72 Hour | 1.68(-0.32) | 14.86(5.98) | 2.75(0.32) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-09-15

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 | 1.59(-0.45) | 11.52(5.35) | 1.76(0.44) |
| 48 Hour | 1.70(-0.26) | 12.59(5.44) | 2.43(0.62) |
| 72 Hour | 1.83(-0.19) | 15.43(5.74) | 3.08(0.57) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-09-15

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(-0.47) | 11.70(5.86) | 1.85(0.45) |
| 48 Hour | 1.80(-0.16) | 12.84(5.75) | 2.97(0.73) |
| 72 Hour | 1.78(0.06) | 17.33(5.80) | 3.95(0.92) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-09-15

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 | 1.66(-0.43) | 13.54(7.05) | 1.84(0.21) |
| 48 Hour | 1.58(-0.28) | 17.32(6.92) | 2.74(0.29) |
| 72 Hour | 1.88(-0.03) | 20.94(7.16) | 3.40(0.78) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-09-15

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 | 1.55(-0.47) | 12.31(6.26) | 2.20(0.76) |
| 48 Hour | 1.78(-0.24) | 14.83(5.85) | 2.33(0.99) |
| 72 Hour | 1.88(-0.25) | 16.17(6.95) | 2.41(0.92) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-09-15

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 | 1.56(-0.46) | 11.11(5.47) | 1.94(0.56) |
| 48 Hour | 1.75(-0.44) | 12.89(6.32) | 2.09(1.03) |
| 72 Hour | 1.87(-0.25) | 14.75(6.83) | 2.61(1.03) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-09-15

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 | 1.49(-0.55) | 9.51(4.49) | 1.69(0.46) |
| 48 Hour | 1.67(-0.33) | 13.35(5.72) | 2.31(0.48) |
| 72 Hour | 2.02(-0.35) | 14.44(6.39) | 2.14(0.63) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-09-15

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 | 1.45(-0.71) | 8.18(4.75) | 1.96(0.29) |
| 48 Hour | 2.25(-0.53) | 11.70(4.38) | 2.08(0.54) |
| 72 Hour | 2.30(-0.40) | 15.13(4.25) | 2.13(0.38) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-09-15

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 | 1.53(-0.62) | 10.32(3.42) | 1.66(0.40) |
| 48 Hour | 1.79(-0.54) | 12.54(3.82) | 1.83(0.26) |
| 72 Hour | 1.89(-0.29) | 13.54(2.92) | 2.36(0.48) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-09-15

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 | 1.54(-0.66) | 11.45(3.24) | 1.70(0.47) |
| 48 Hour | 1.81(-0.44) | 12.28(3.26) | 1.97(0.46) |
| 72 Hour | 1.96(-0.48) | 13.26(2.83) | 2.33(0.45) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-09-15

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 | 1.66(-0.79) | 11.17(3.90) | 1.86(0.89) |
| 48 Hour | 1.88(-0.70) | 12.34(3.16) | 1.93(0.97) |
| 72 Hour | 2.03(-0.46) | 13.57(3.41) | 2.10(1.09) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-09-15

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(-0.87) | 11.38(4.11) | 1.87(0.49) |
| 48 Hour | 1.86(-0.73) | 12.72(4.17) | 2.05(0.61) |
| 72 Hour | 1.95(-0.58) | 14.88(3.69) | 2.32(0.94) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-09-15

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(-0.90) | 11.34(3.29) | 1.97(0.74) |
| 48 Hour | 1.64(-0.69) | 13.03(3.22) | 2.29(0.77) |
| 72 Hour | 1.79(-0.49) | 15.92(3.66) | 2.81(0.88) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-09-15

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(-1.02) | 12.34(5.49) | 1.88(0.59) |
| 48 Hour | 1.74(-0.80) | 13.68(5.34) | 2.43(0.83) |
| 72 Hour | 1.91(-0.51) | 14.93(4.81) | 2.82(0.71) |

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30-09-15

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(-1.00) | 12.58(5.27) | 1.68(0.34) |
| 48 Hour | 1.79(-0.78) | 13.44(4.59) | 2.51(0.49) |
| 72 Hour | 1.92(-0.61) | 14.60(4.74) | 2.77(0.74) |