

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

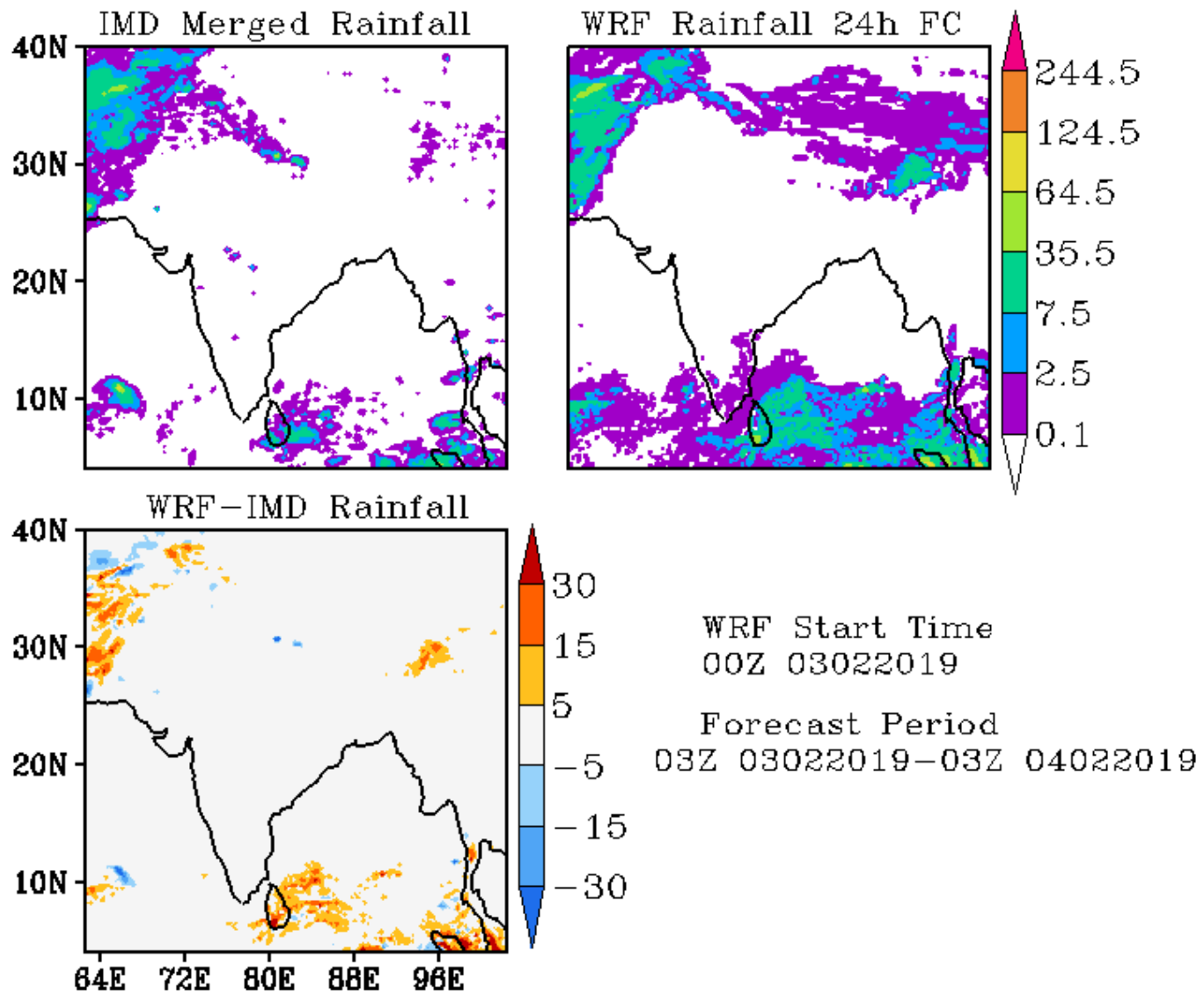
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.81(-0.47)	13.27(6.01)	2.60(1.17)
48 Hour	3.32(-0.27)	19.15(5.59)	2.31(1.27)
72 Hour	4.01(-0.35)	23.24(2.09)	2.32(1.51)

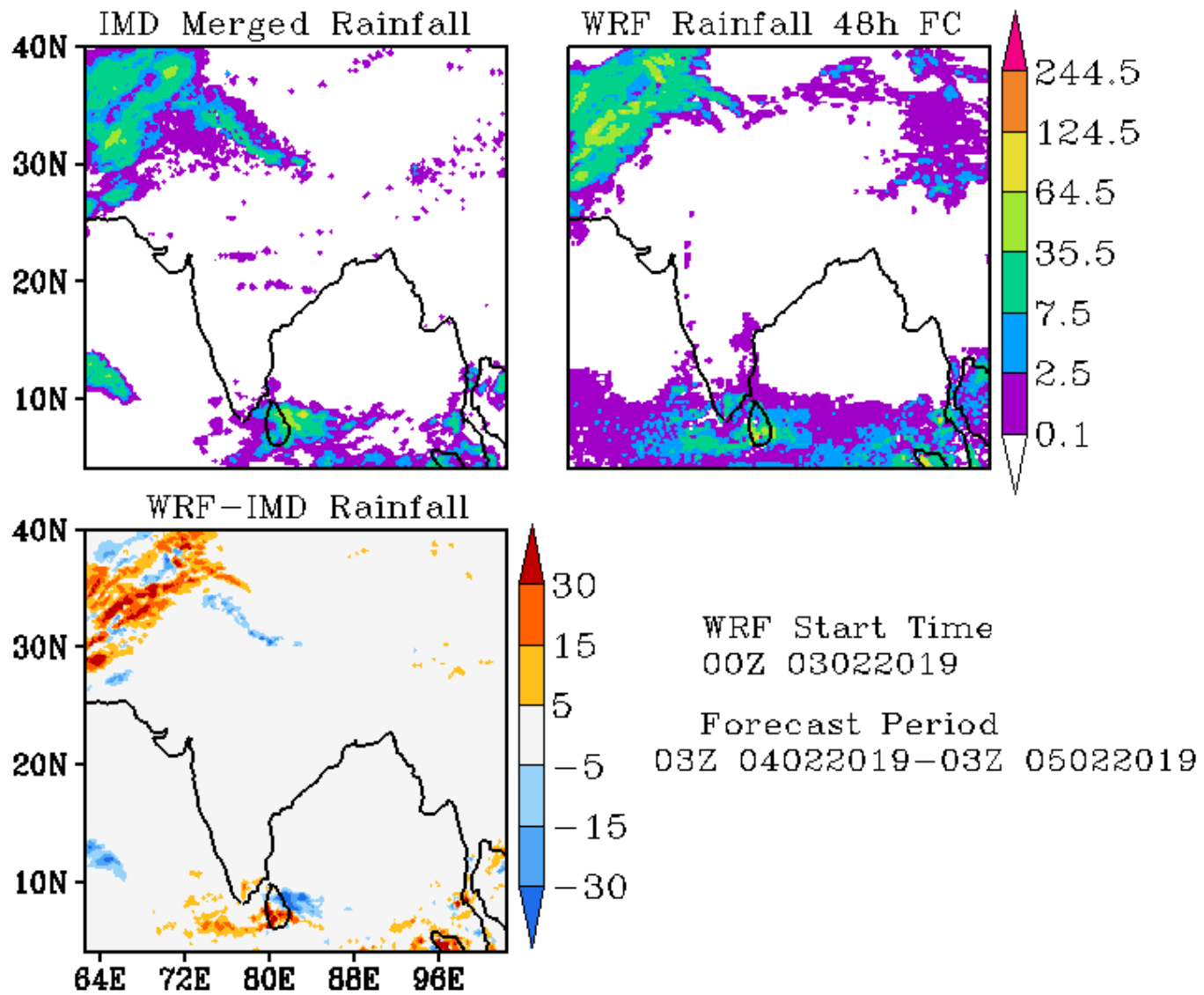
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

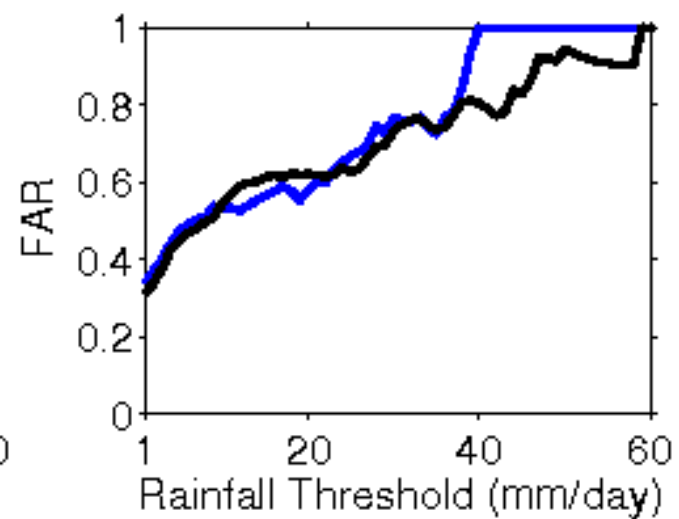
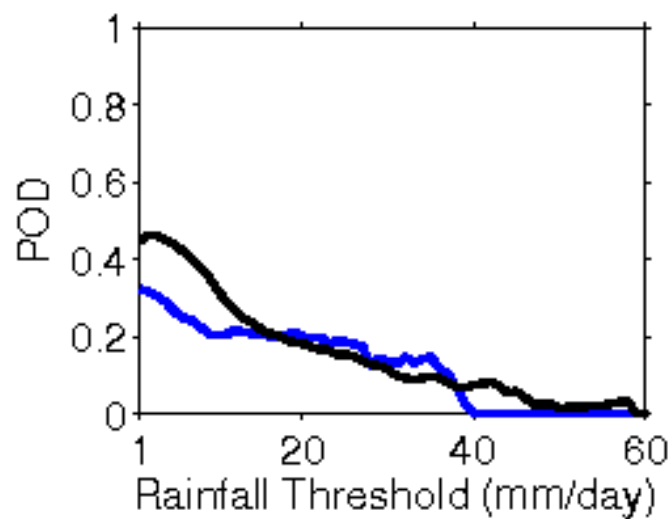
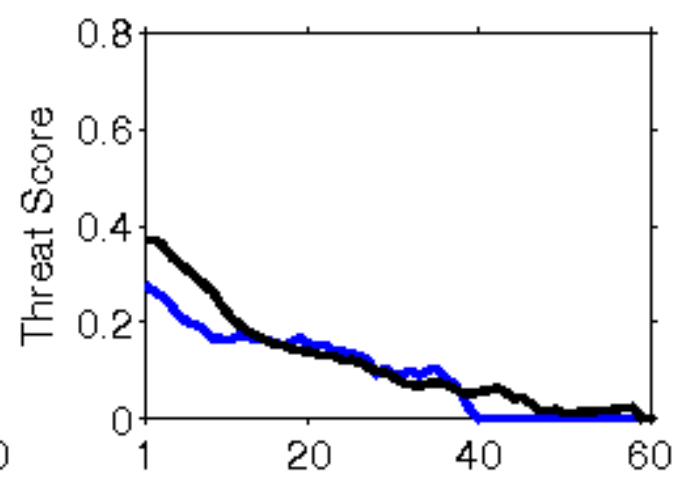
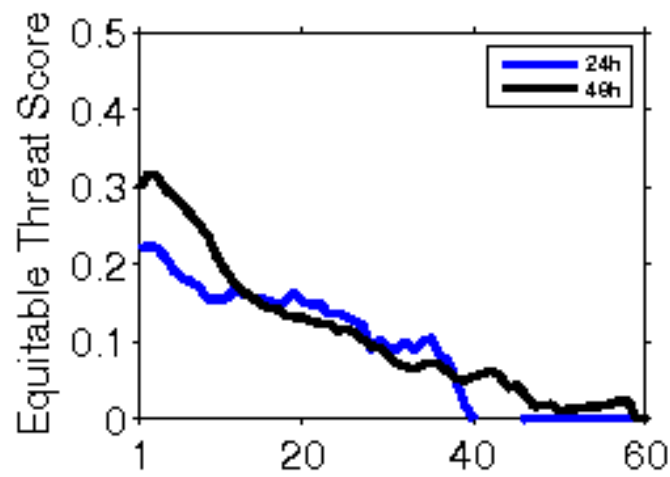
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.00(-0.76)	15.54(5.02)	2.13(0.82)
48 Hour	3.00(-0.33)	18.16(5.09)	2.33(0.80)
72 Hour	3.37(0.04)	19.09(6.06)	3.12(1.16)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-02-19
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(-0.92)	15.58(6.10)	2.15(1.17)
48 Hour	2.48(-0.43)	16.82(5.68)	3.12(0.98)
72 Hour	3.35(-0.22)	18.57(5.77)	3.59(1.15)

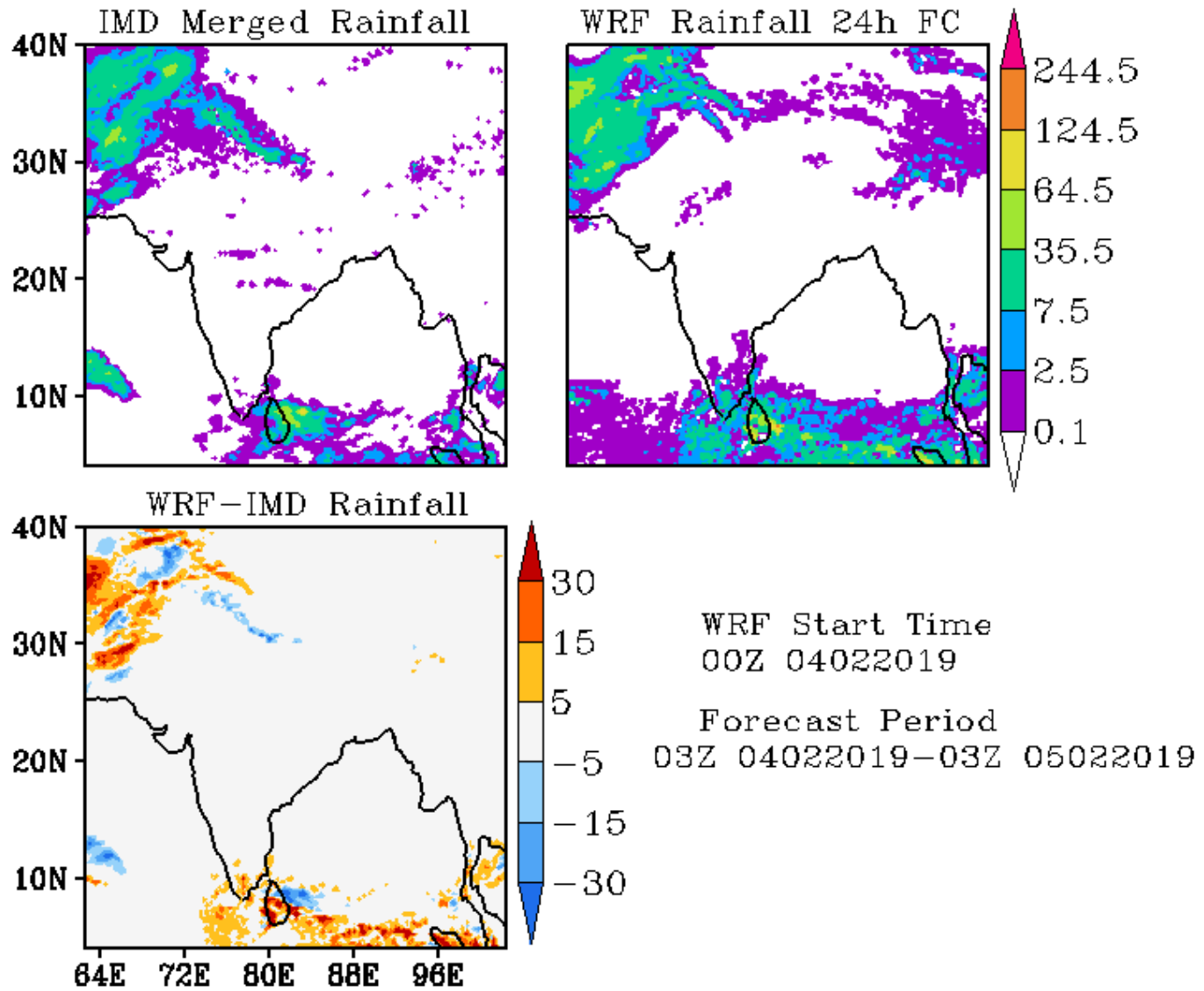


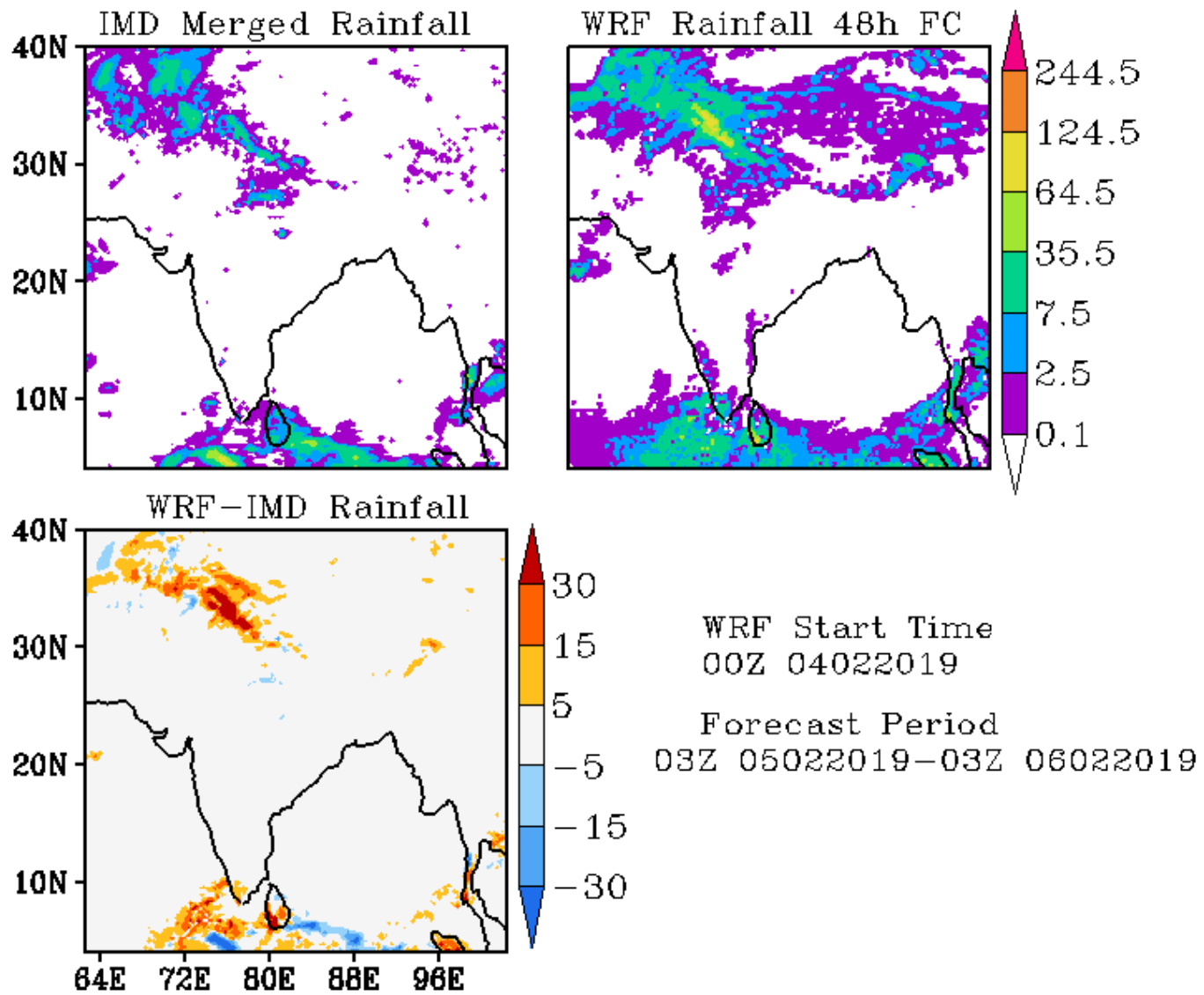


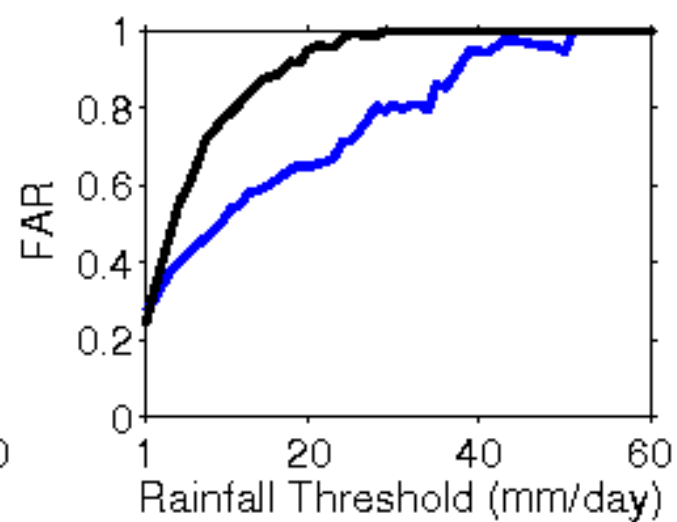
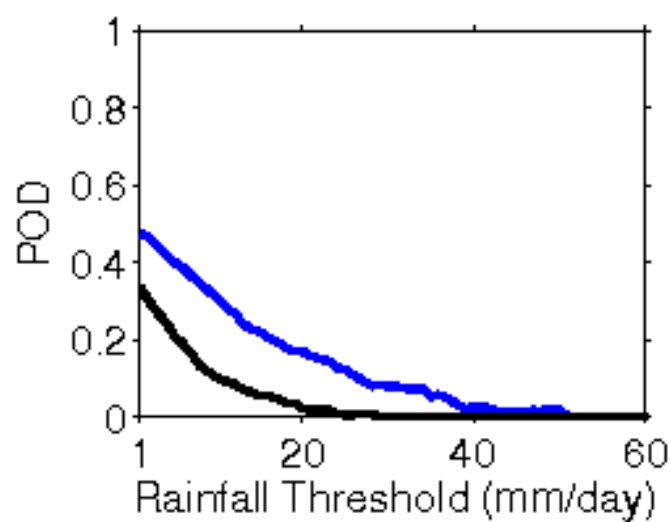
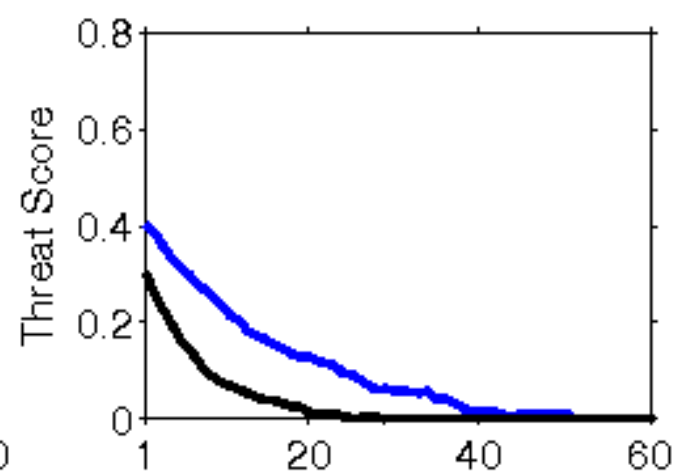
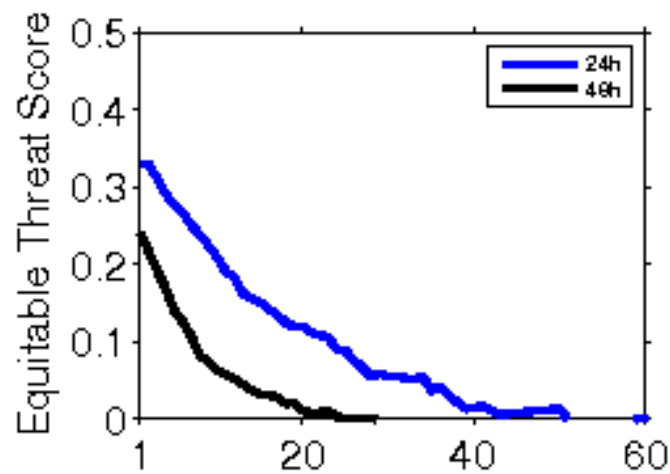


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.04(-0.84)	15.62(6.75)	2.36(1.06)
48 Hour	2.75(-0.51)	16.57(5.77)	3.23(1.22)
72 Hour	3.68(-0.14)	22.00(7.33)	3.40(1.14)

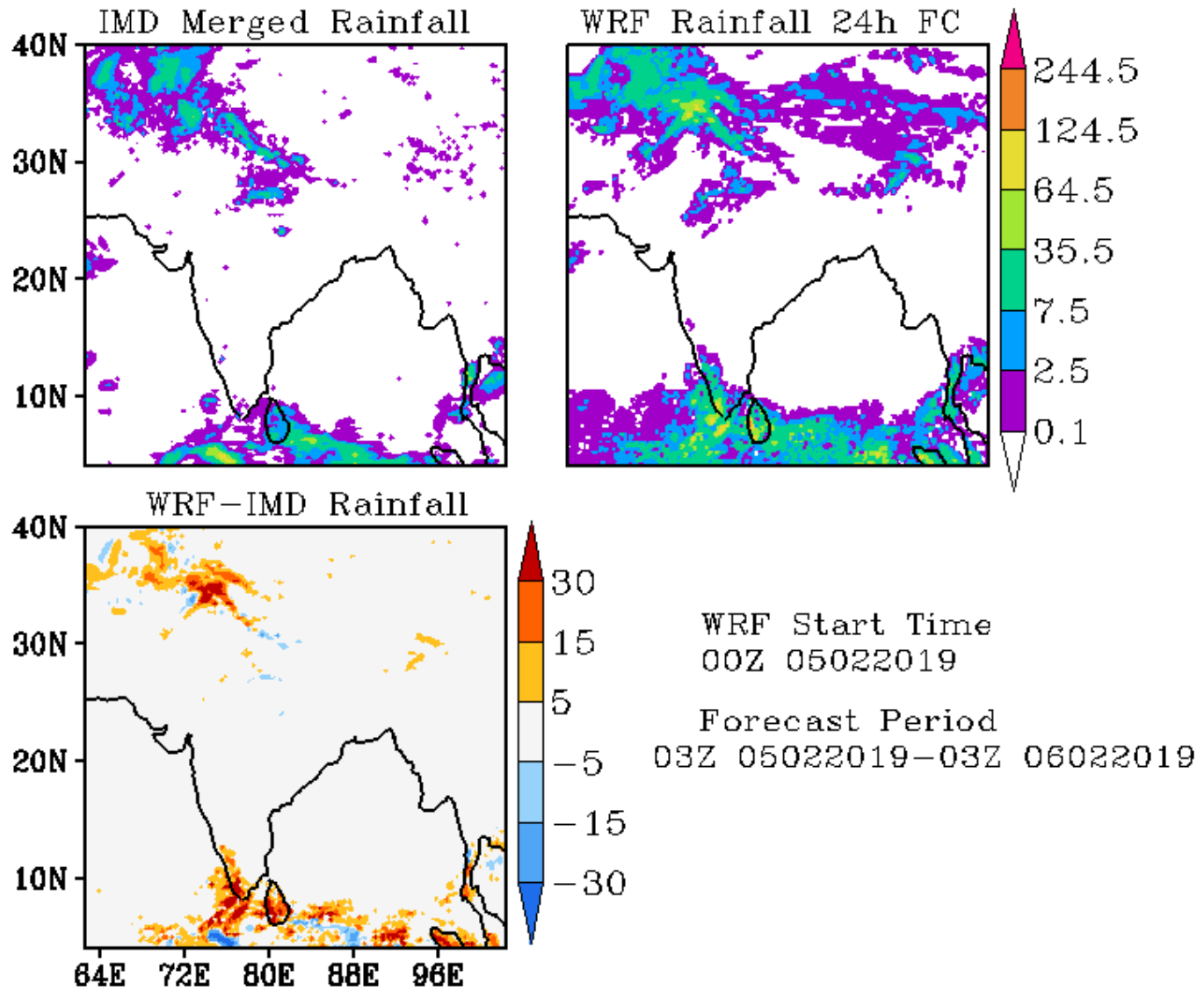


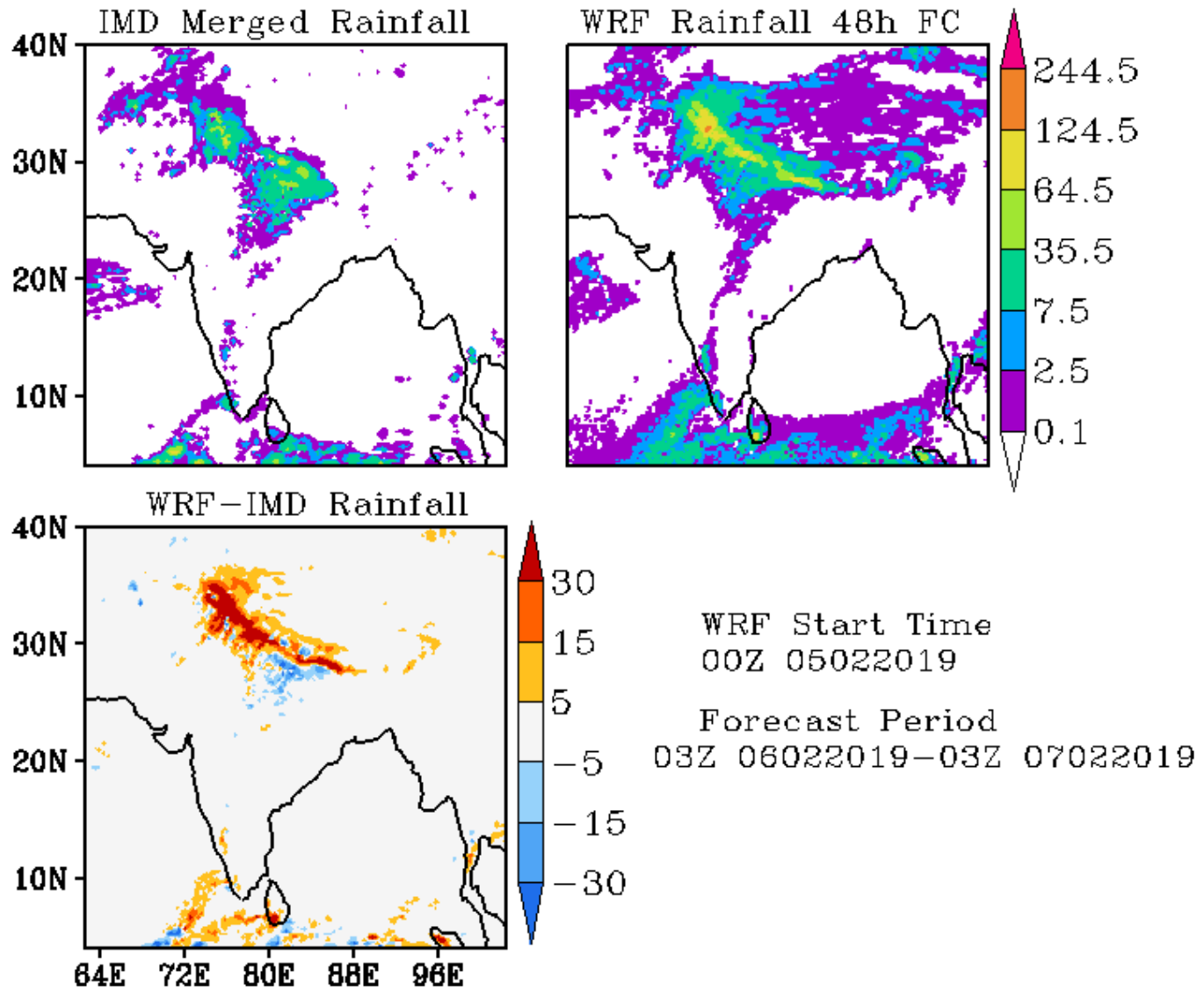


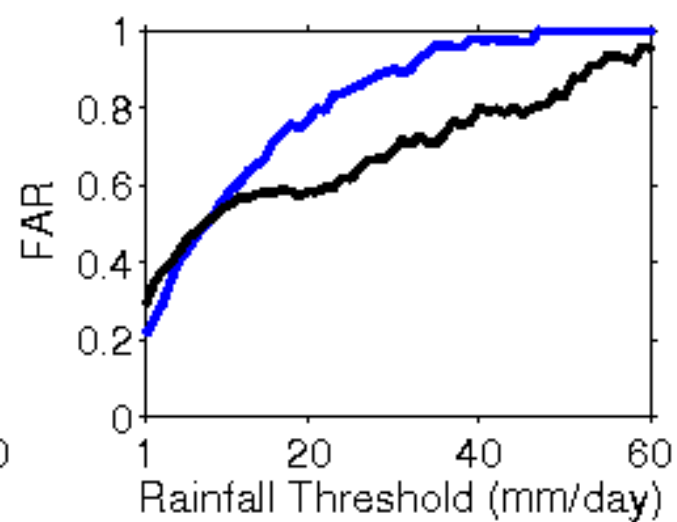
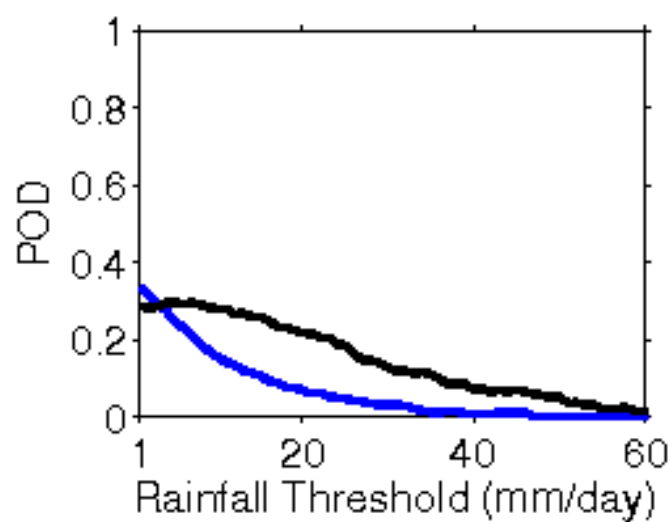
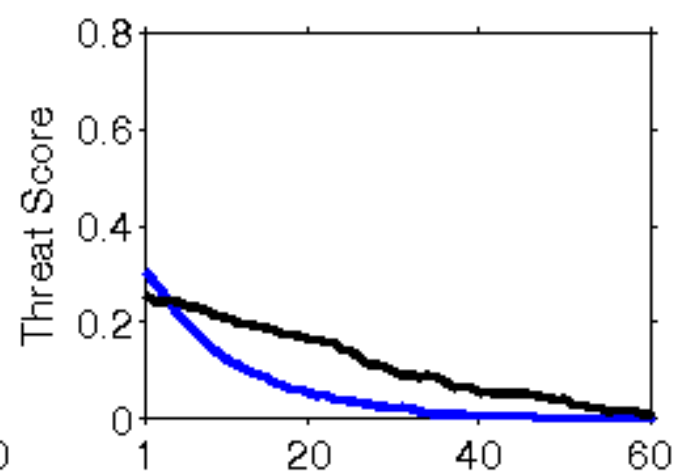
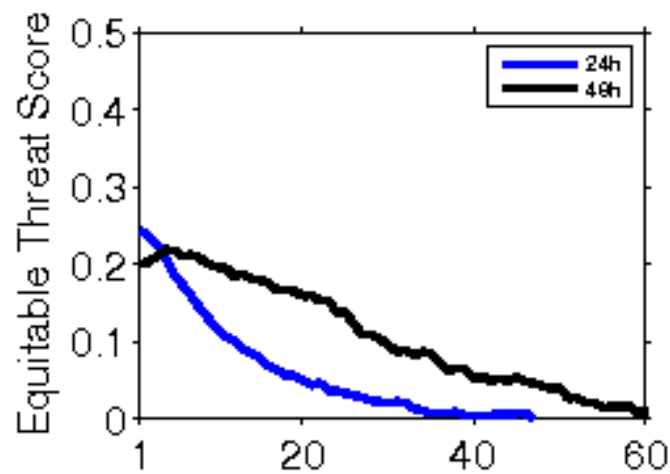


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.01(-0.76)	16.28(8.48)	2.71(1.20)
48 Hour	3.02(-0.33)	22.82(6.71)	3.23(1.41)
72 Hour	3.60(-0.14)	24.72(5.34)	3.67(1.53)

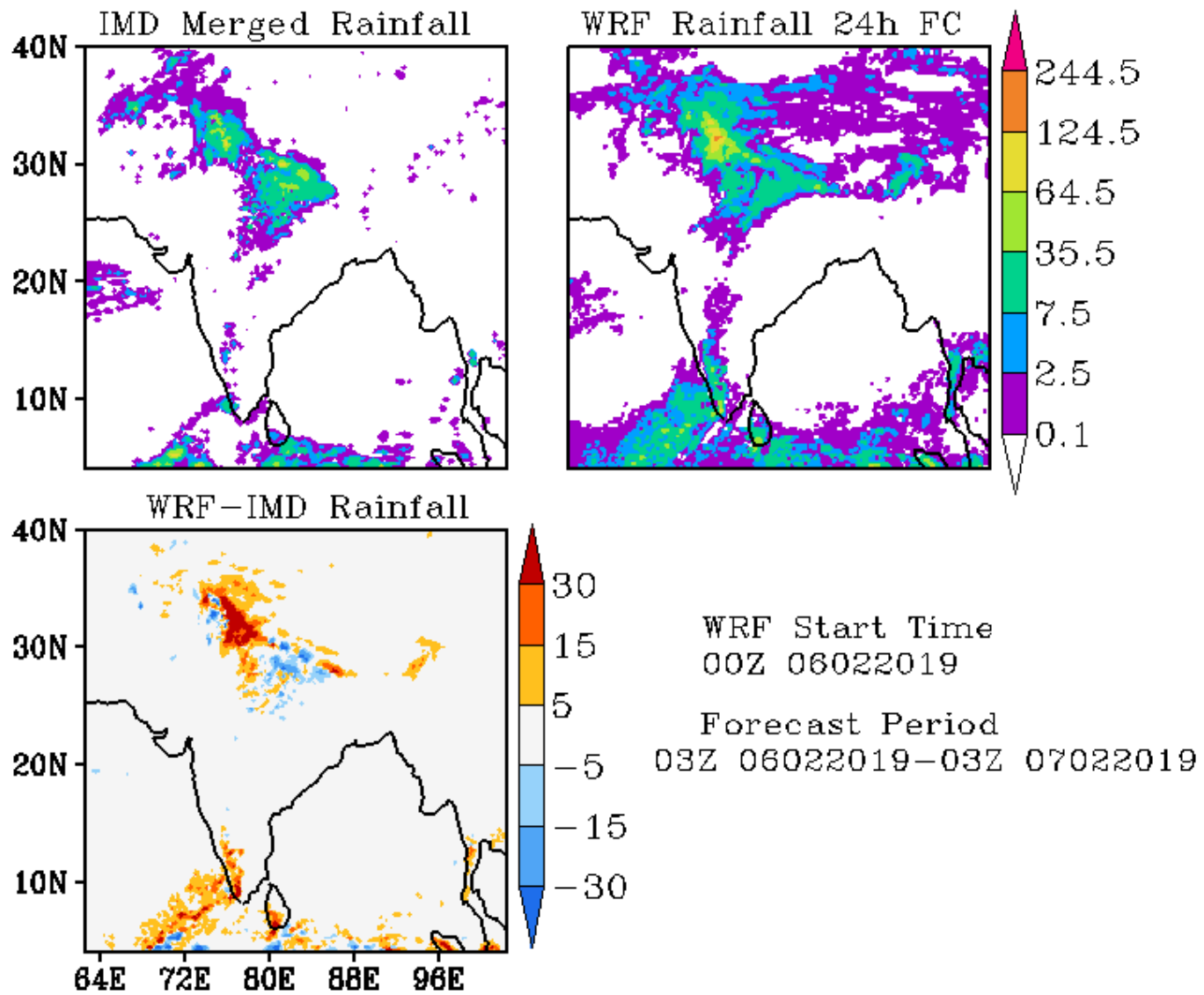


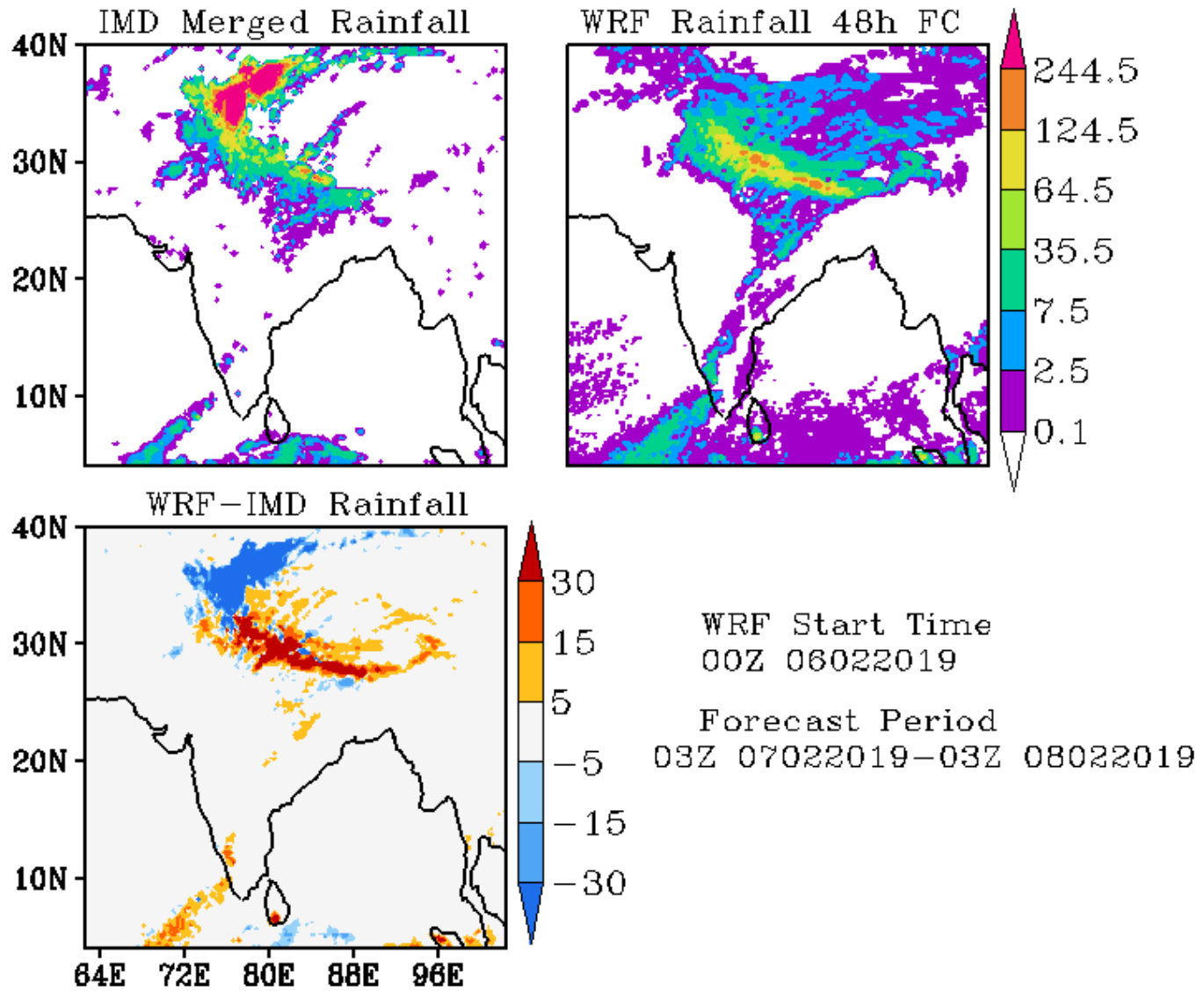


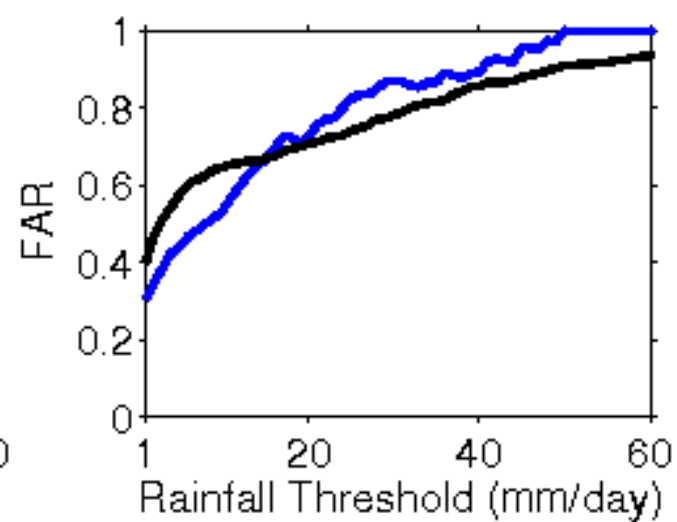
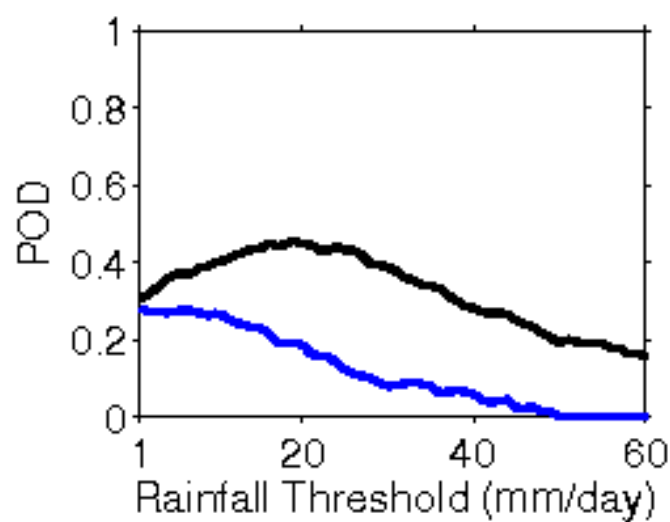
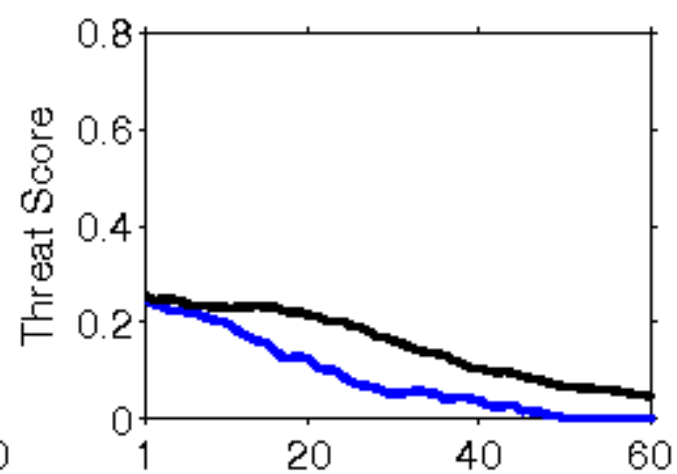
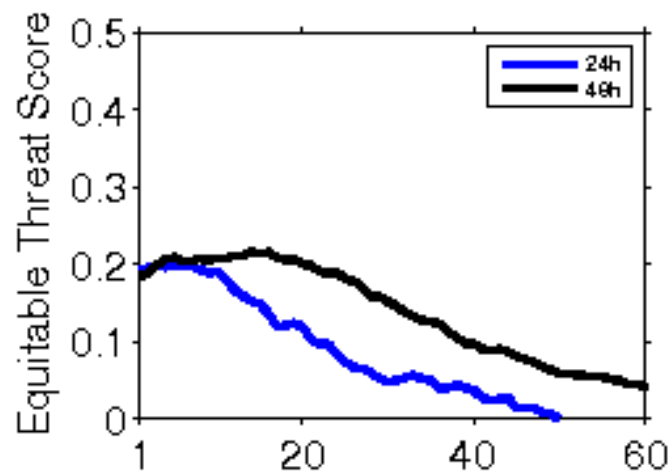


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.02(-0.92)	16.90(8.34)	2.57(1.09)
48 Hour	2.93(-0.66)	21.10(8.18)	3.44(1.42)
72 Hour	4.03(-0.16)	22.75(8.16)	4.43(1.45)

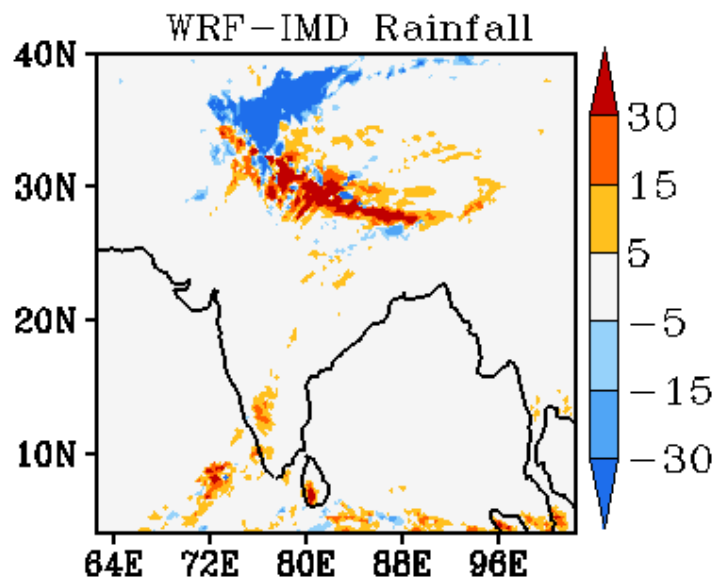
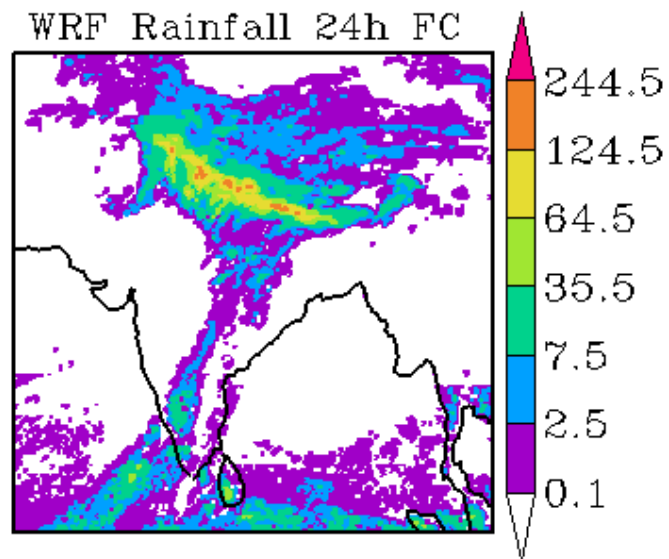
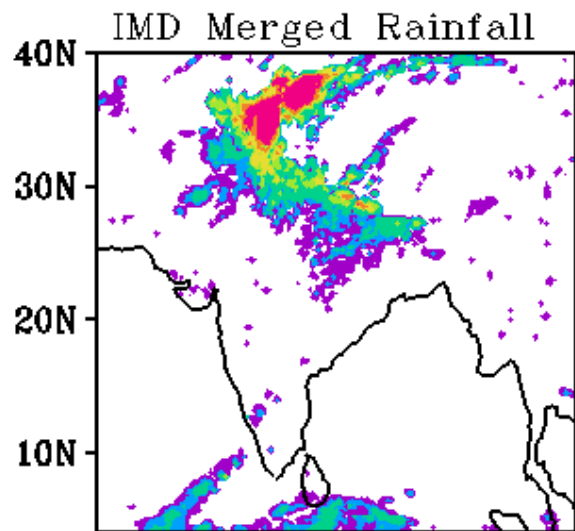






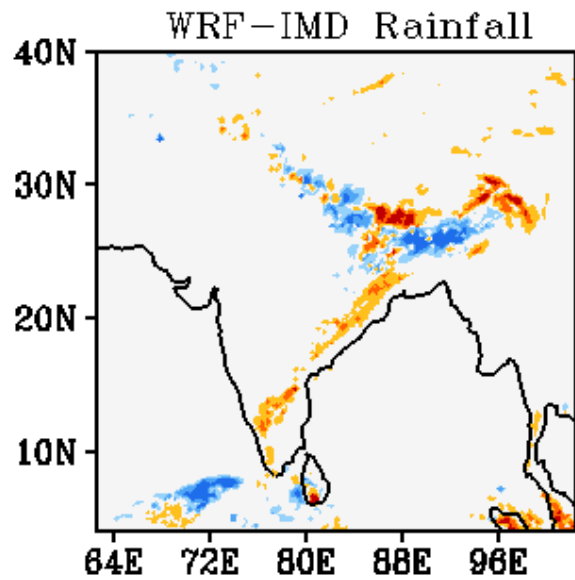
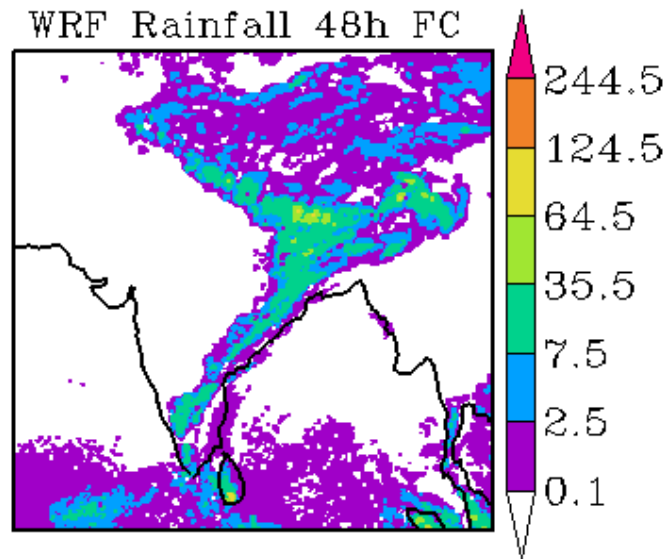
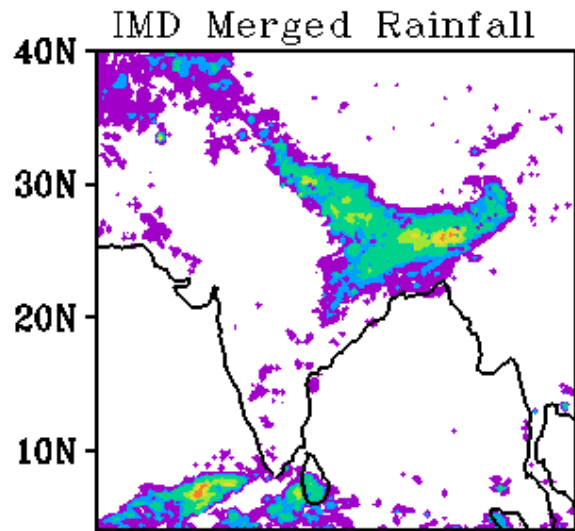
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.25(-0.93)	16.72(6.17)	2.82(1.26)
48 Hour	3.52(-0.37)	21.29(6.97)	4.25(1.32)
72 Hour	5.59(-0.25)	26.76(5.76)	2.96(1.13)



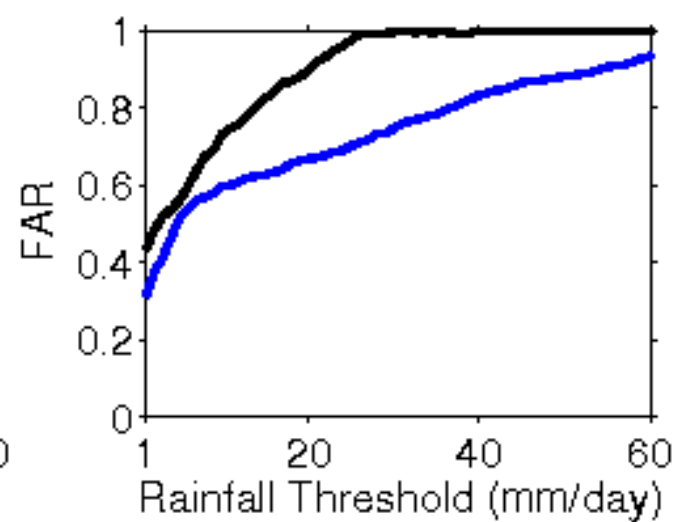
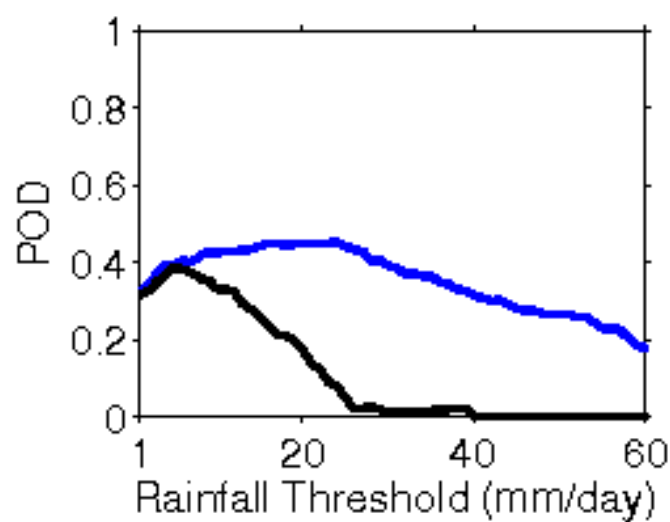
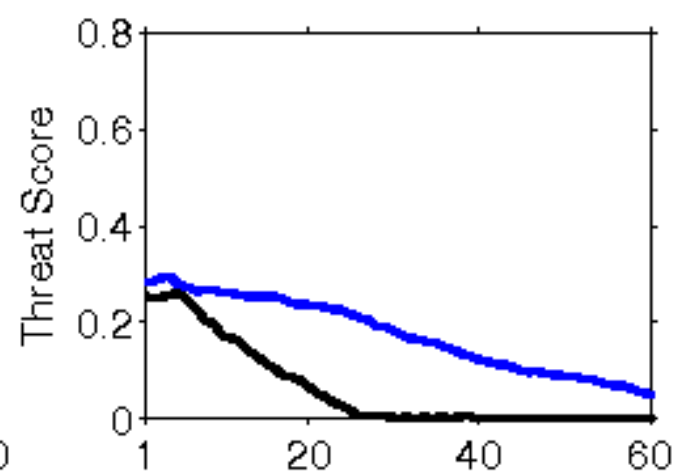
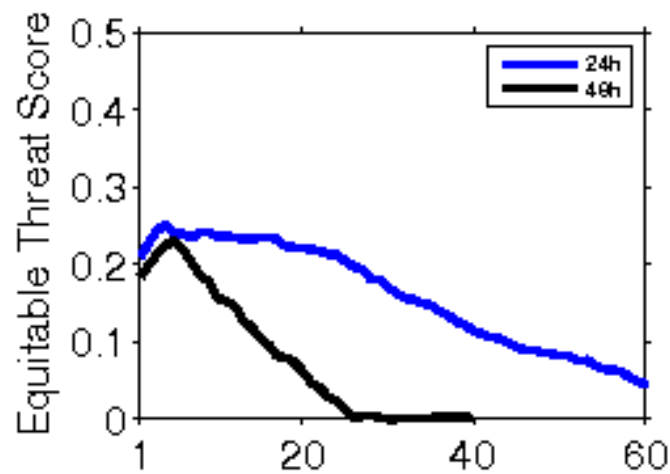
WRF Start Time
00Z 07022019

Forecast Period
03Z 07022019-03Z 08022019



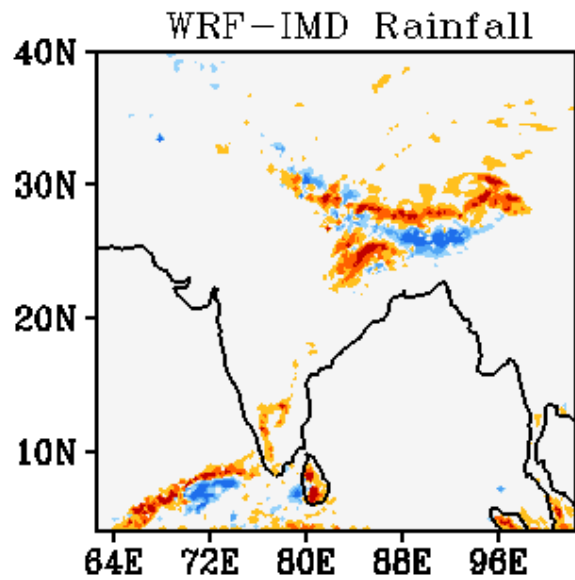
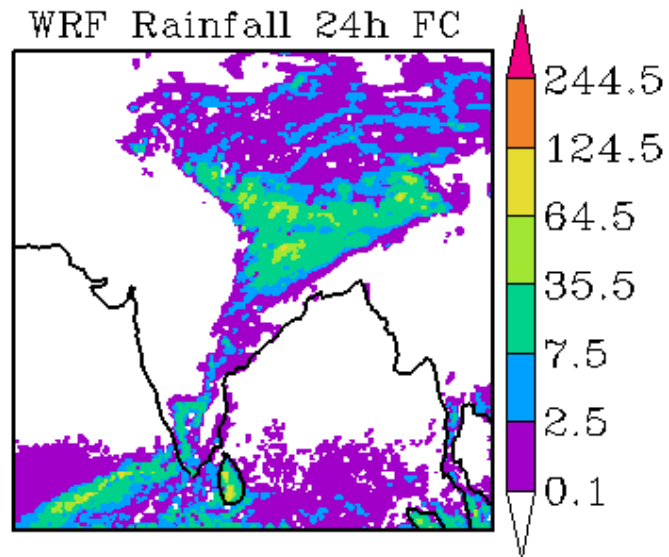
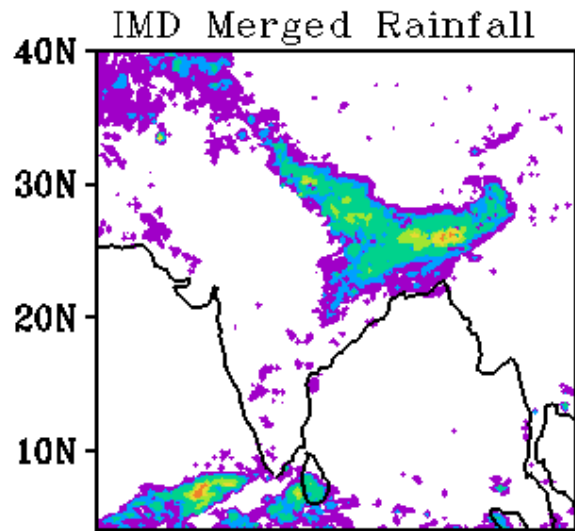
WRF Start Time
00Z 07022019

Forecast Period
03Z 08022019-03Z 09022019



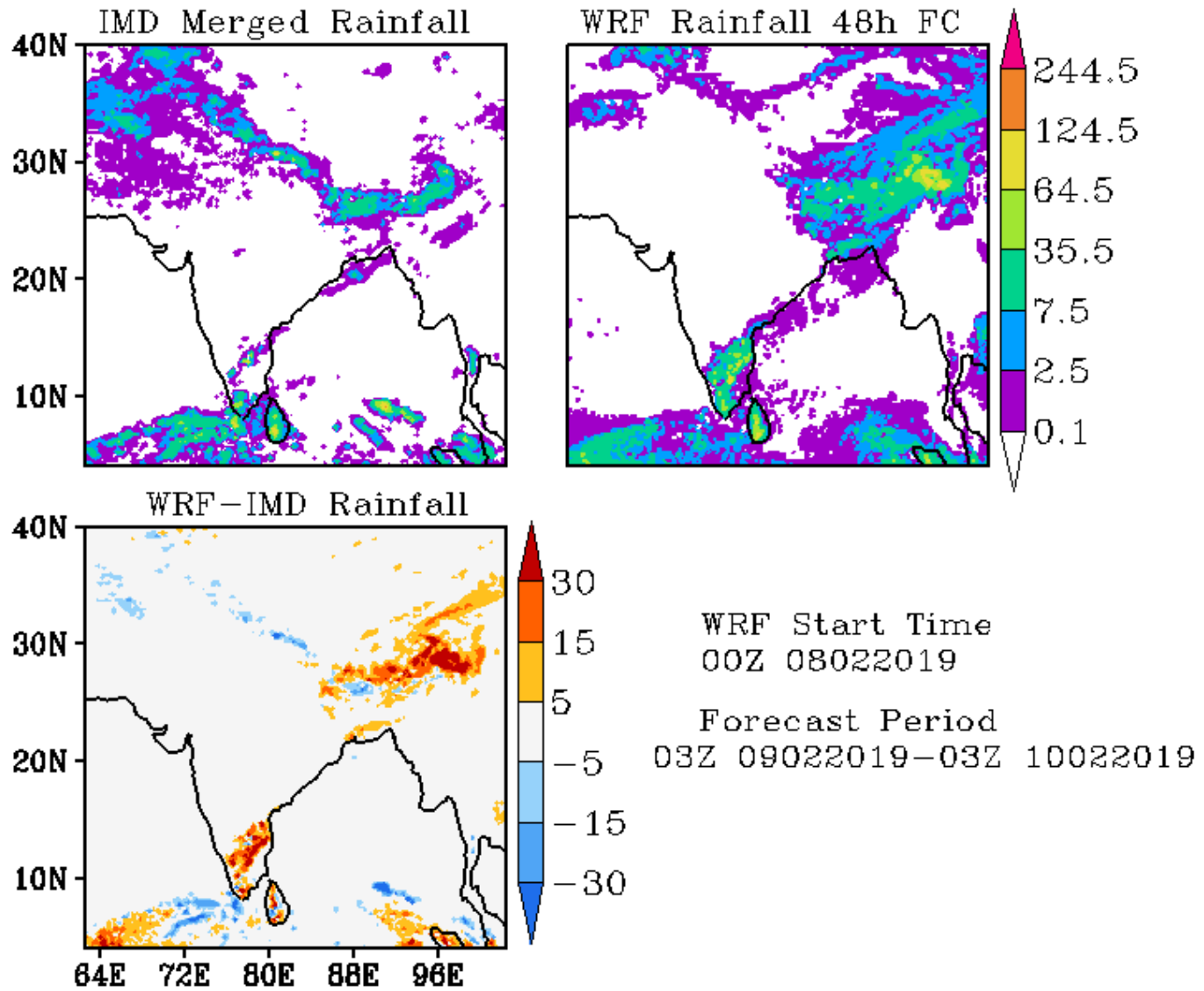
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

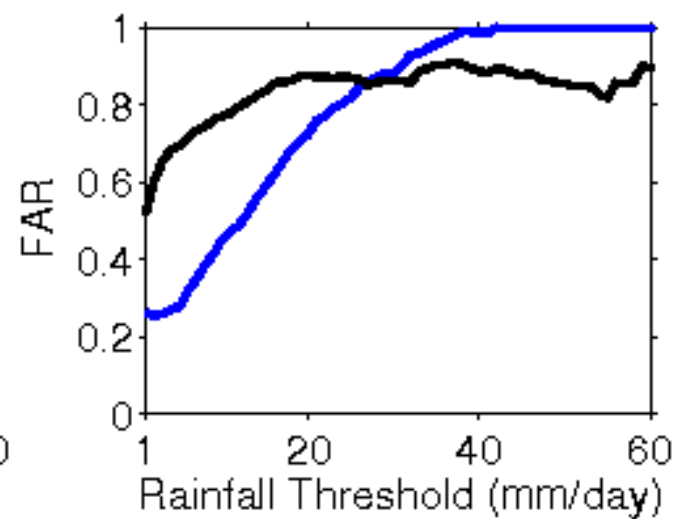
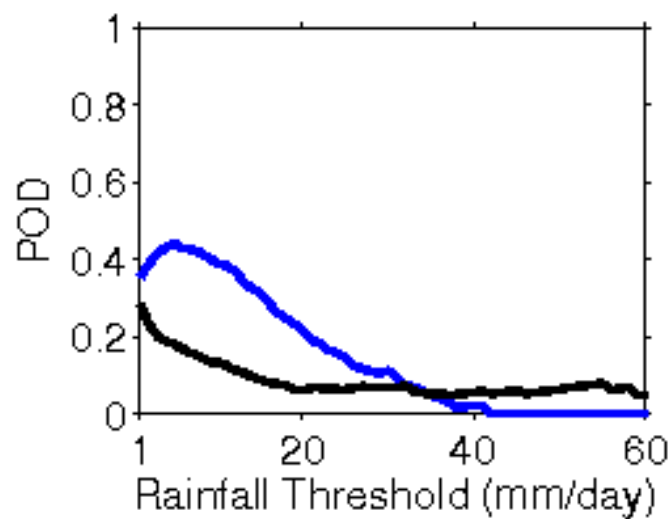
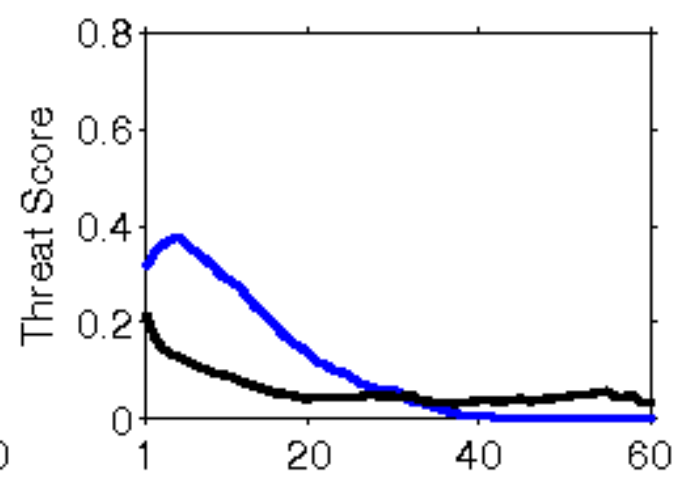
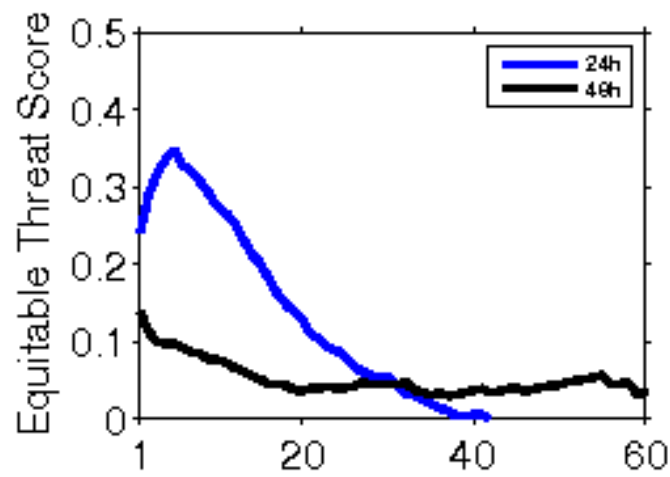
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.34(-1.07)	15.78(6.50)	3.37(1.49)
48 Hour	5.15(-0.78)	23.65(6.15)	2.70(1.62)
72 Hour	5.69(-0.21)	23.74(6.23)	3.05(1.73)



WRF Start Time
00Z 08022019

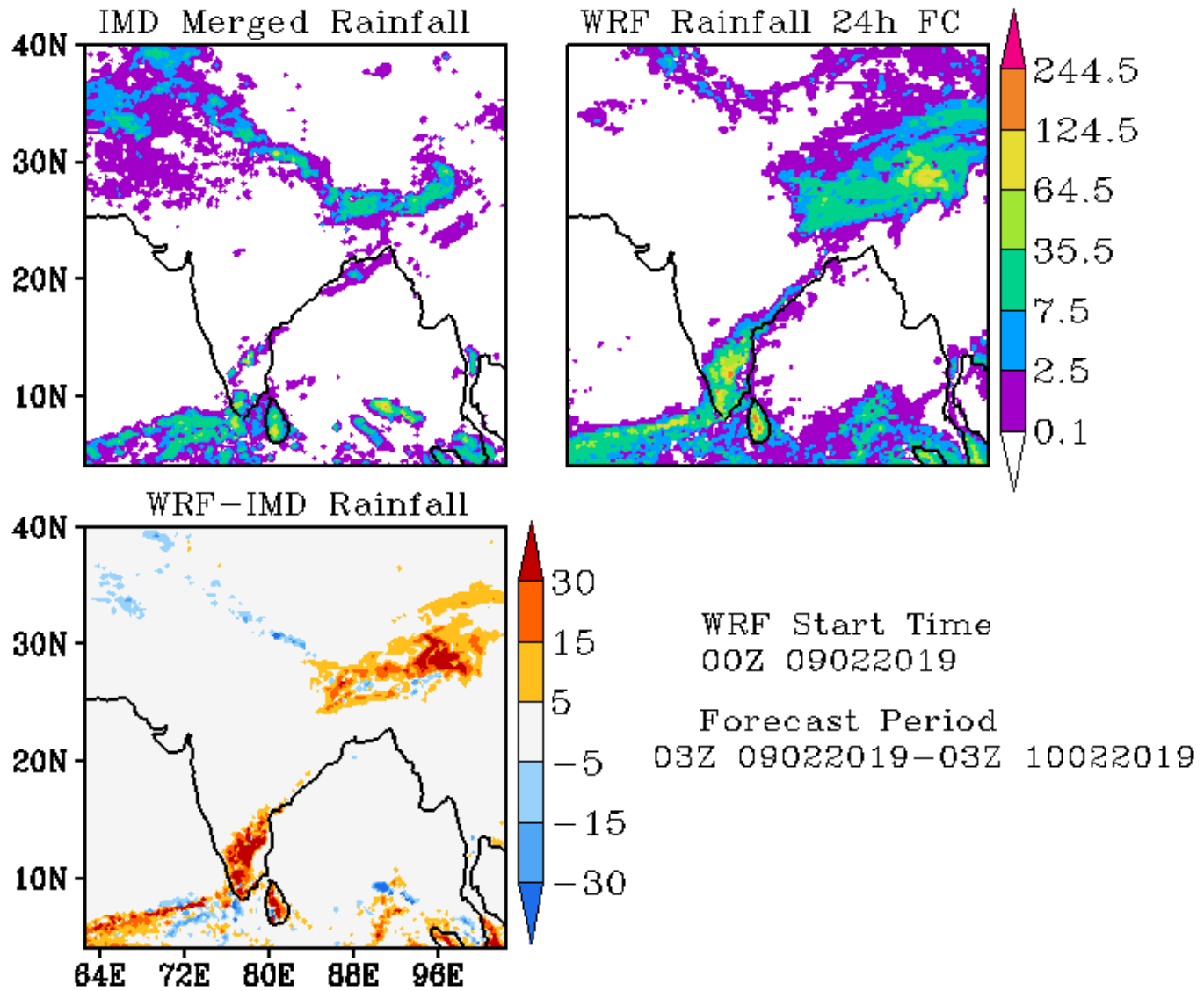
Forecast Period
03Z 08022019-03Z 09022019

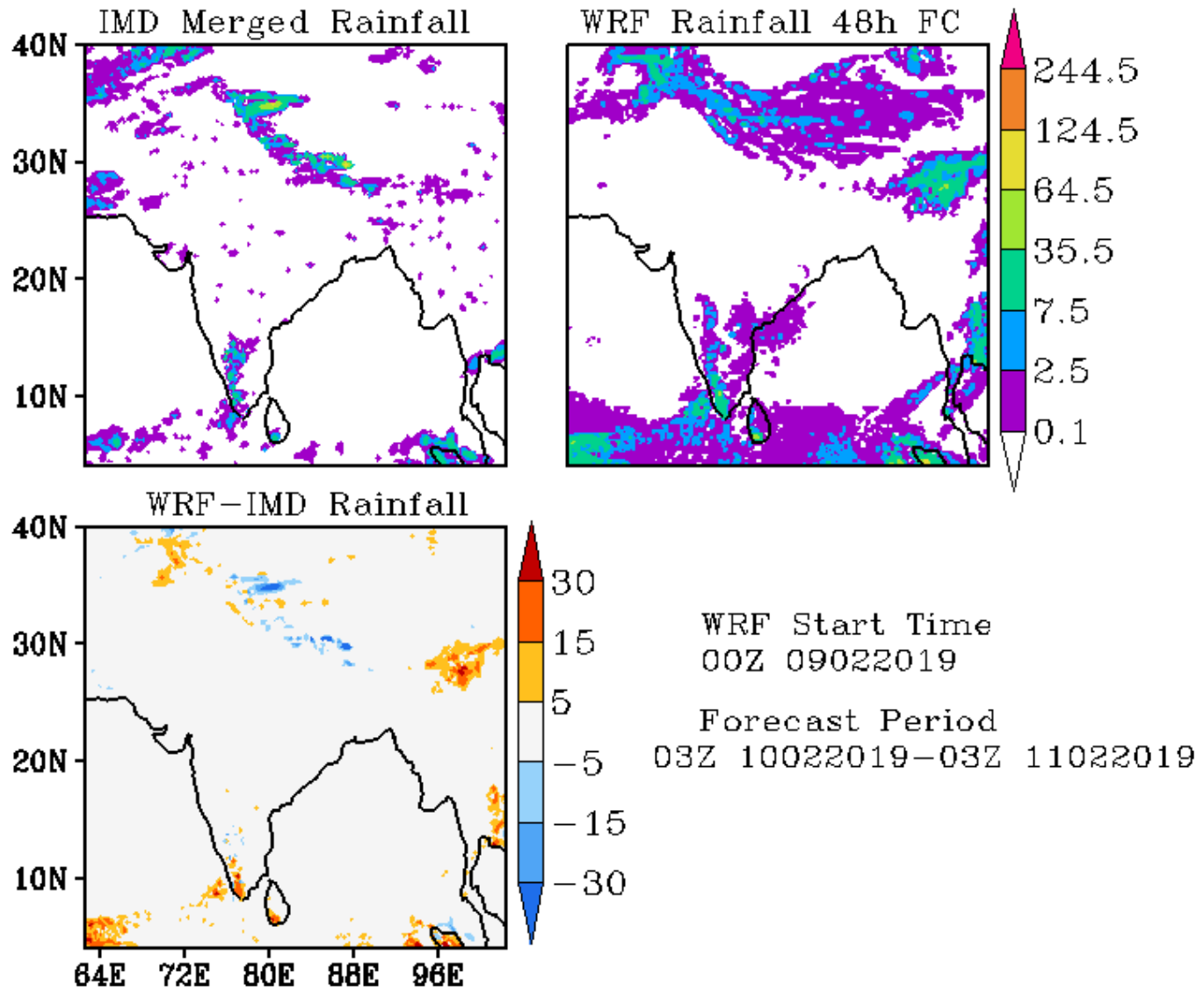


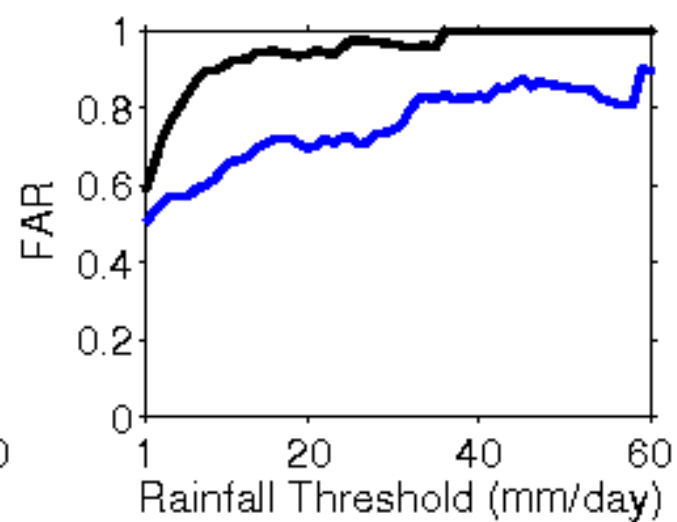
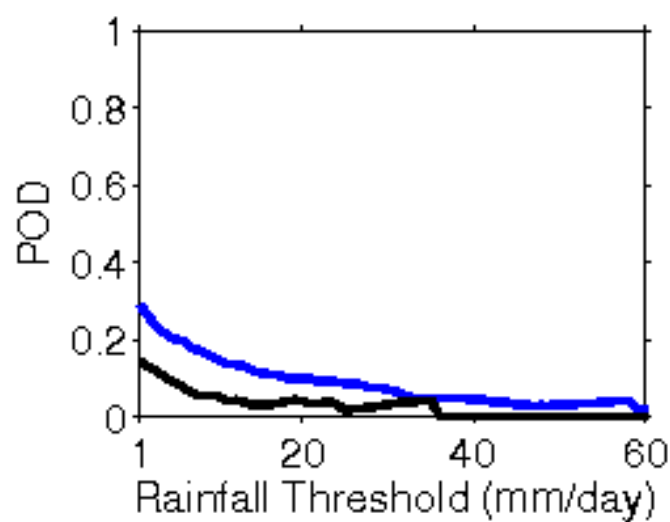
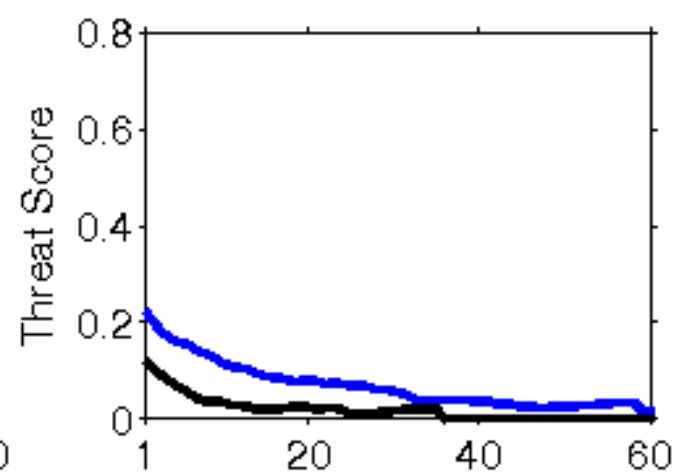
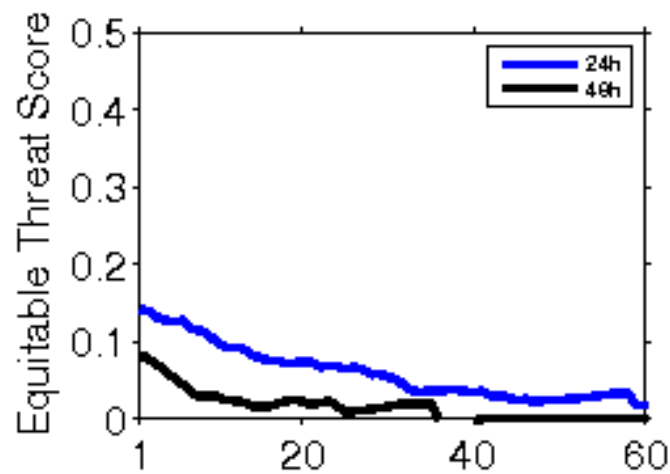


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.41(-1.24)	18.01(4.46)	2.27(0.70)
48 Hour	4.40(-1.47)	22.62(3.48)	2.81(0.87)
72 Hour	3.96(-1.36)	24.59(4.24)	3.28(0.96)

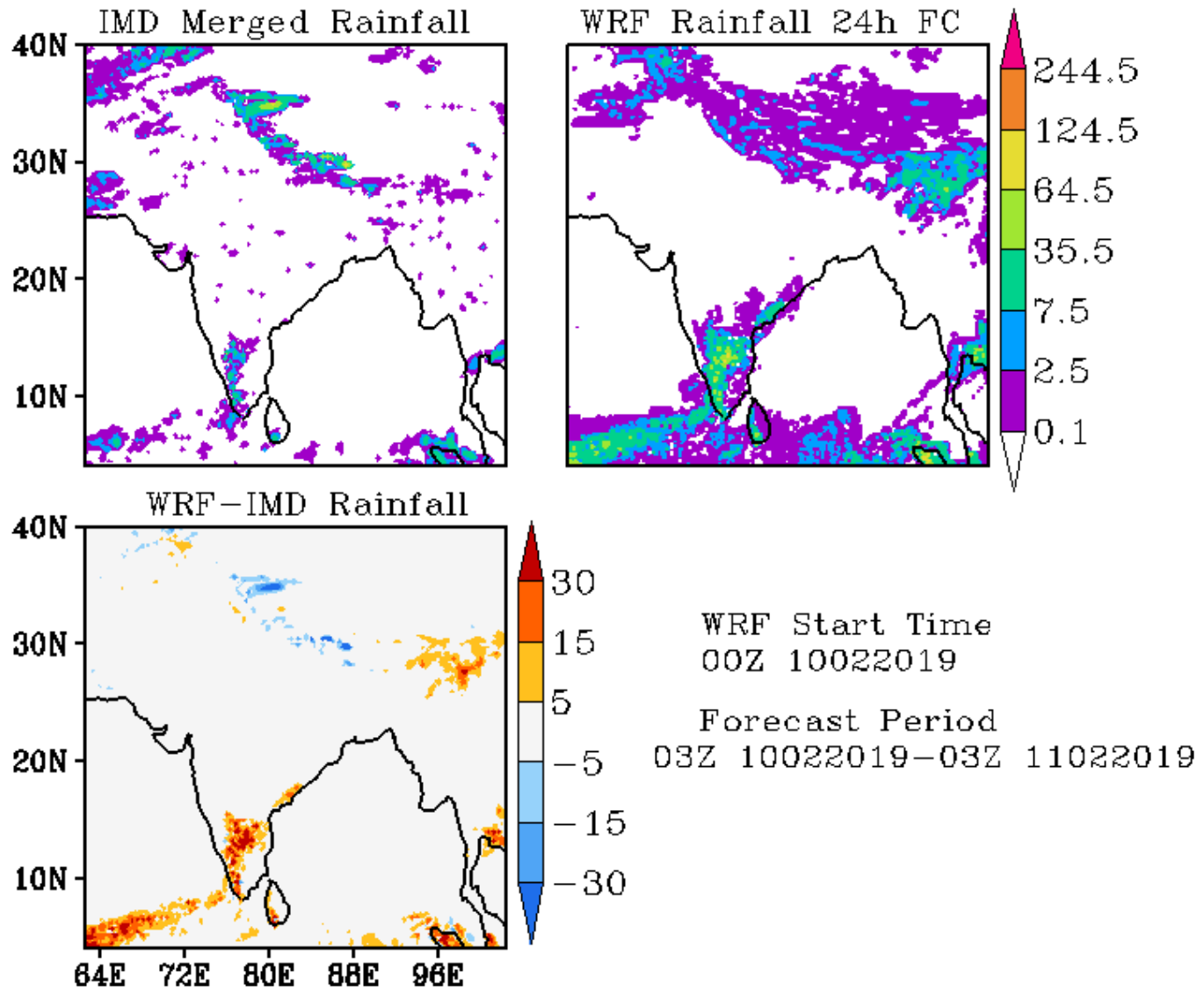


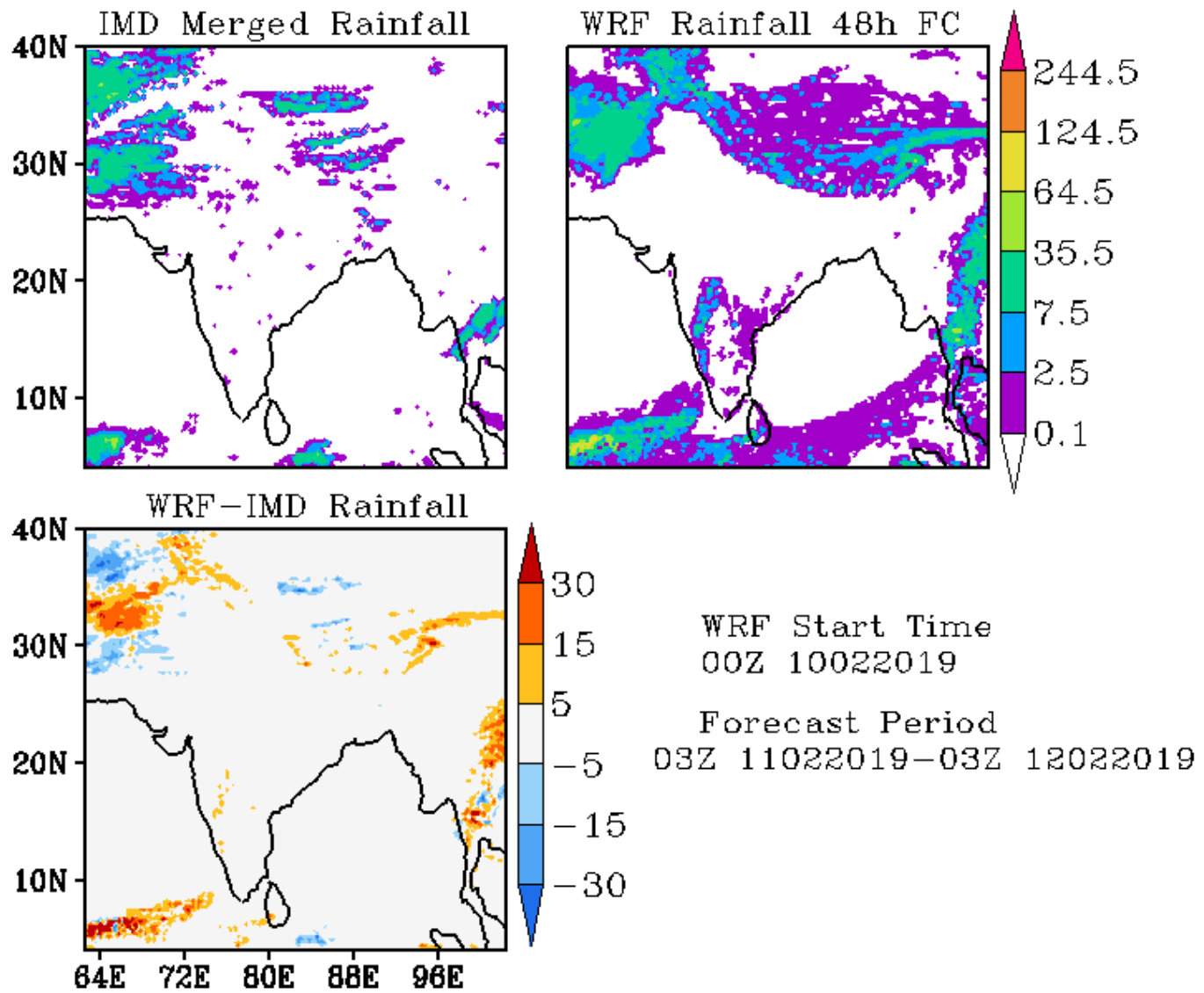




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

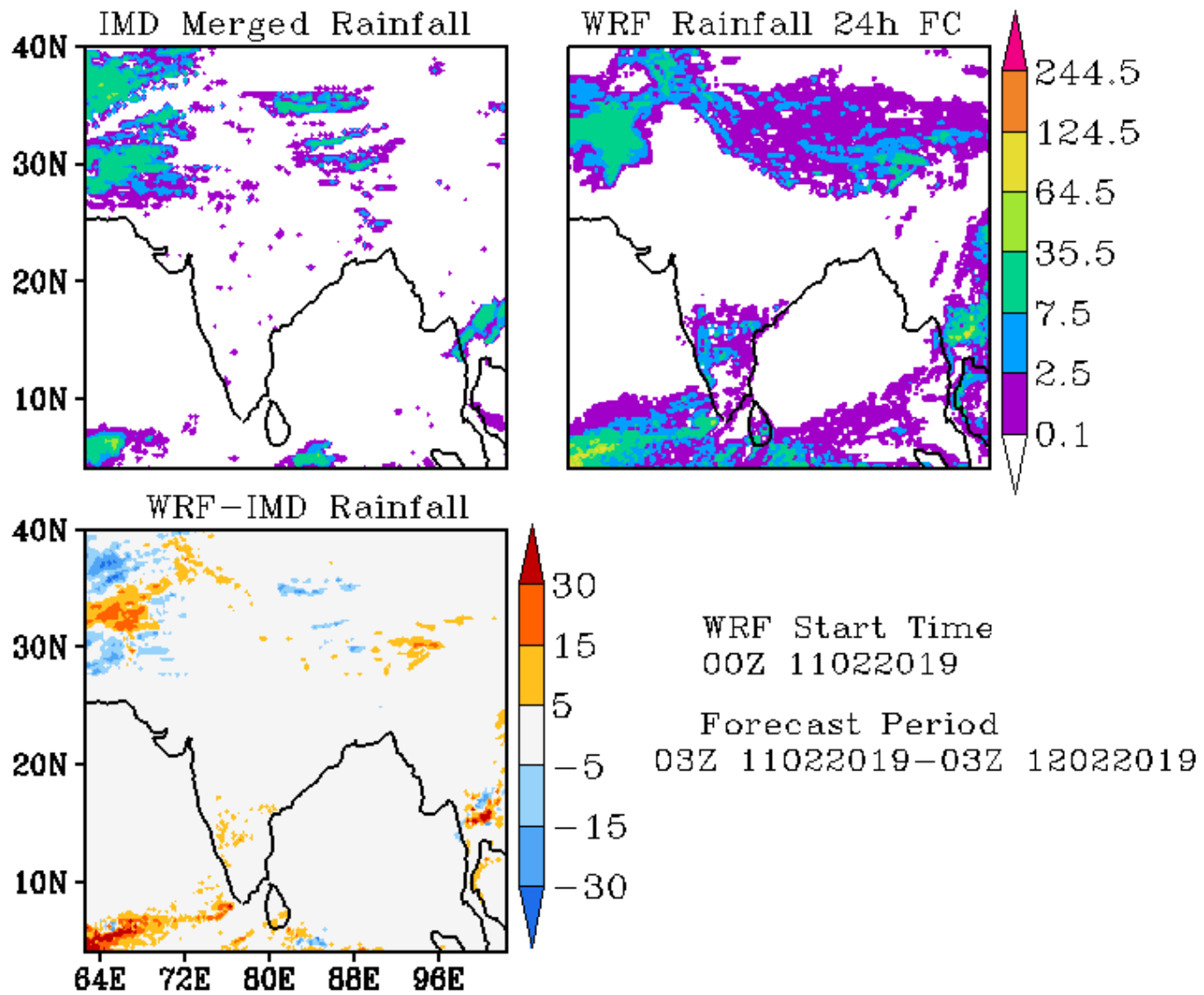
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.21(-0.91)	17.52(6.21)	2.25(0.83)
48 Hour	2.63(-1.18)	23.20(5.52)	2.68(1.11)
72 Hour	3.30(-1.13)	24.35(4.80)	3.12(1.07)

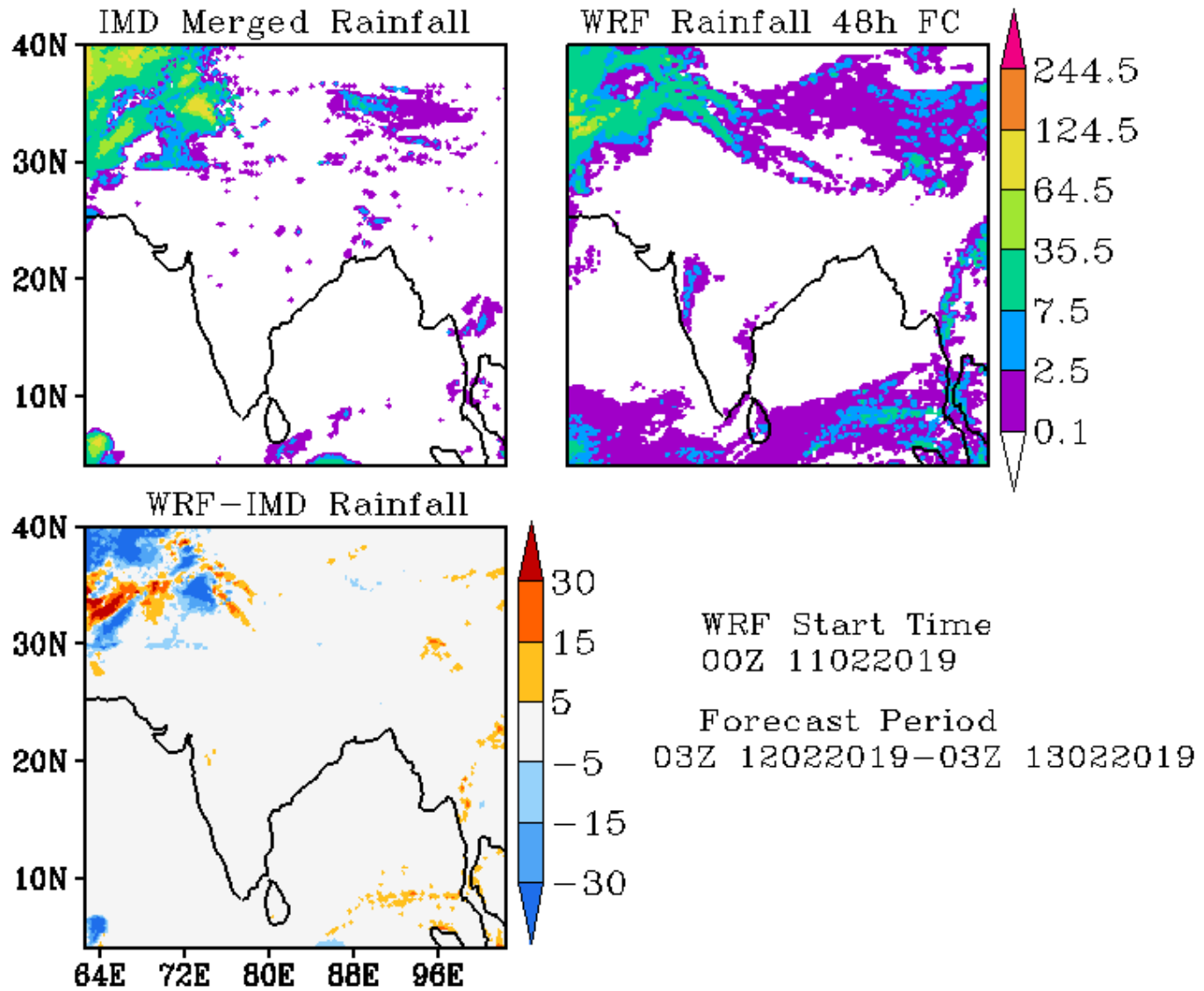


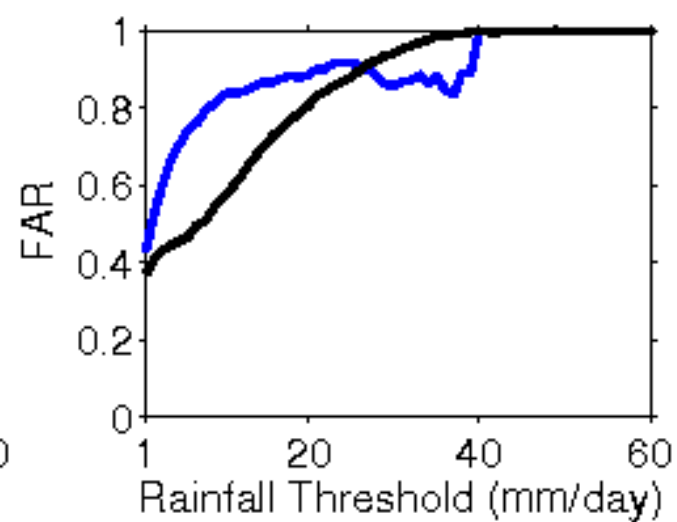
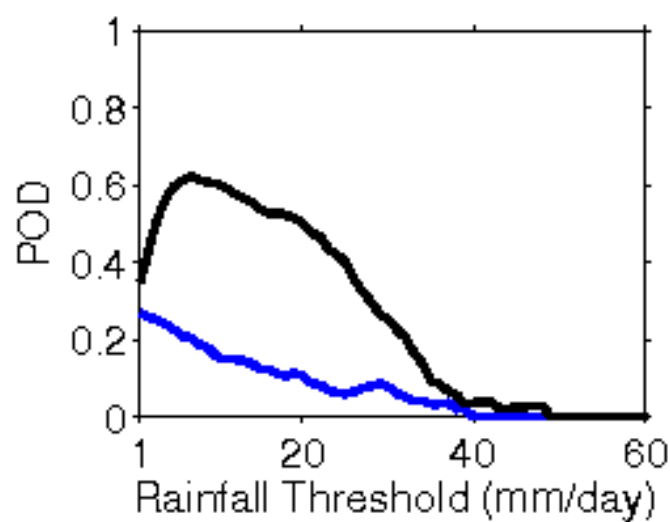
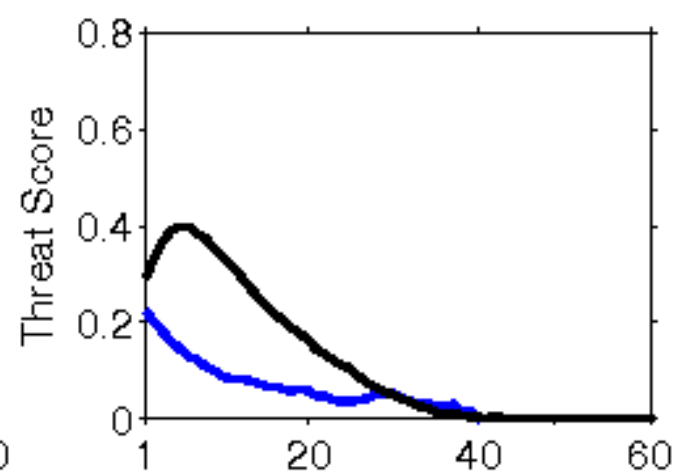
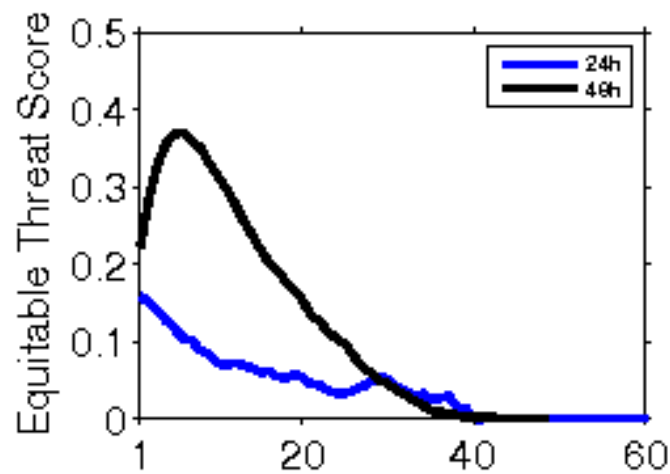


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.02(-0.78)	14.72(7.05)	1.99(0.86)
48 Hour	2.25(-0.59)	18.07(4.82)	2.60(1.08)
72 Hour	3.19(-0.78)	21.23(3.33)	3.29(1.19)

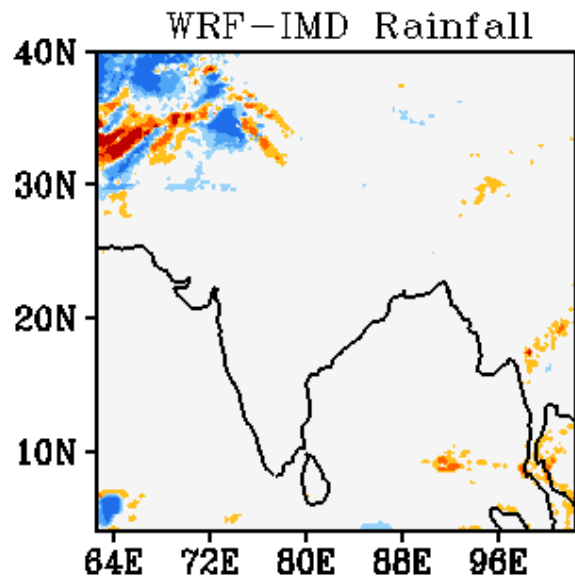
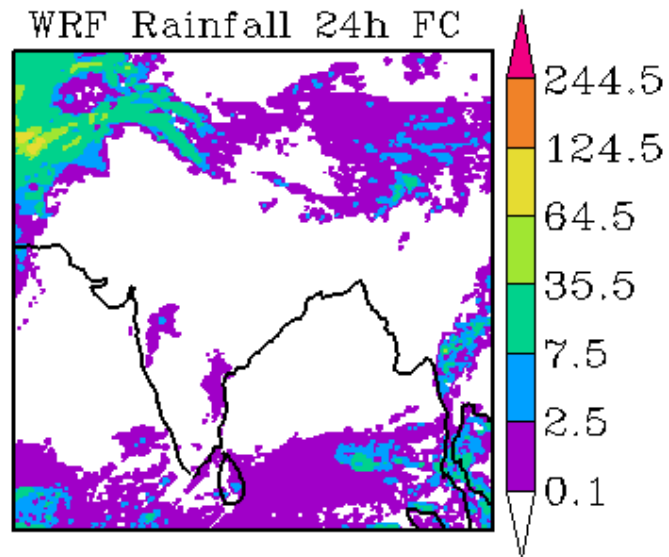
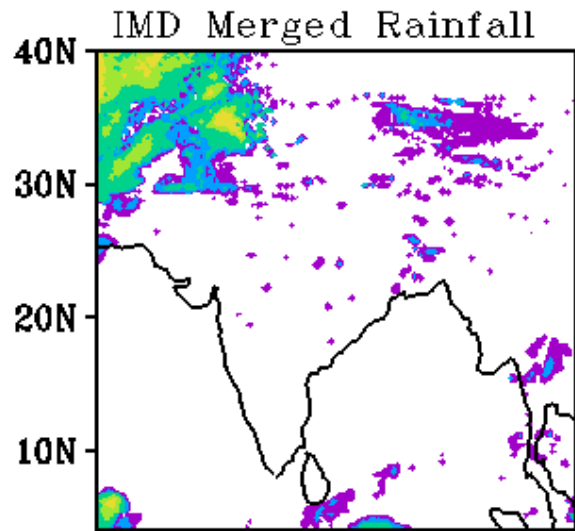






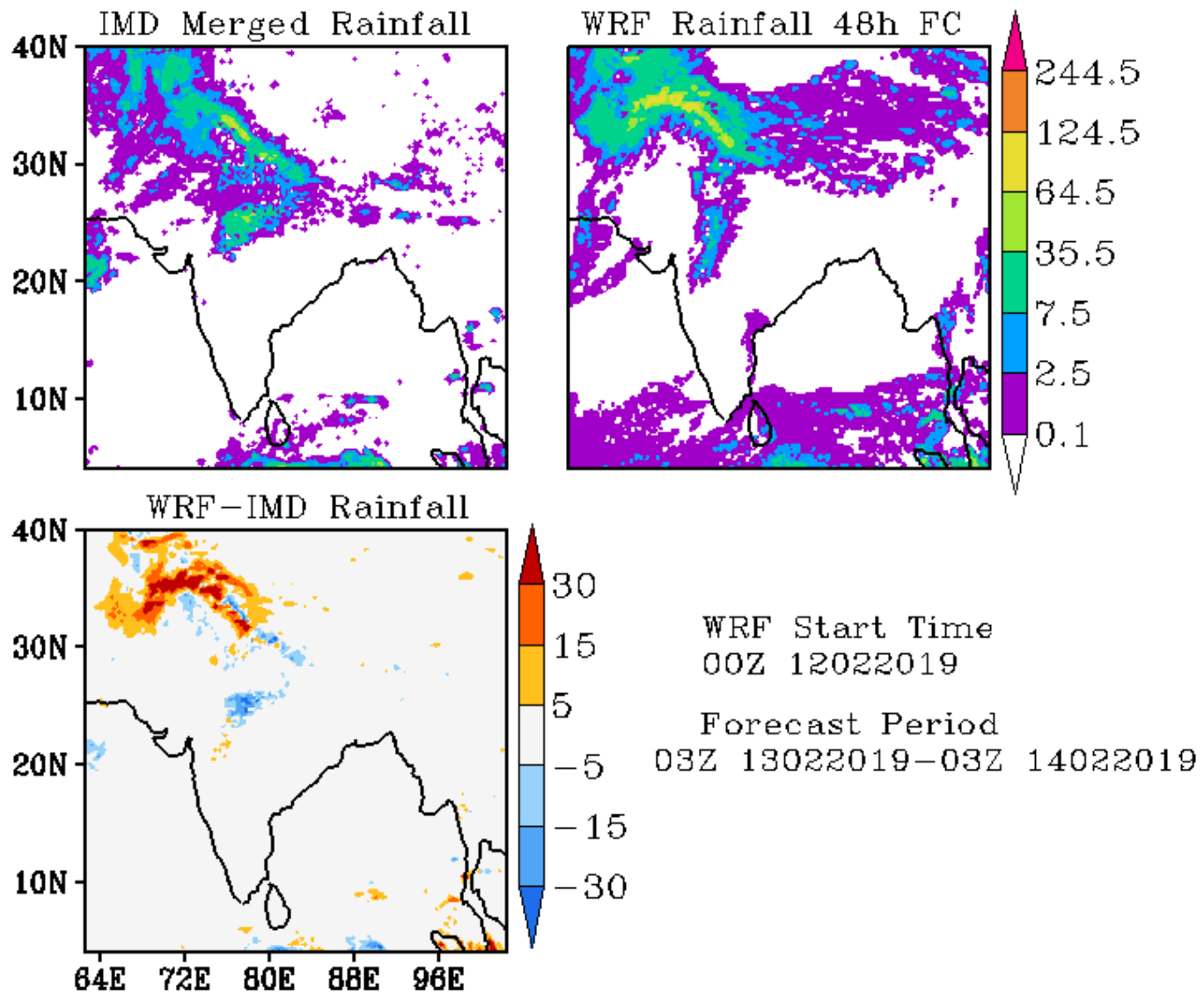
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

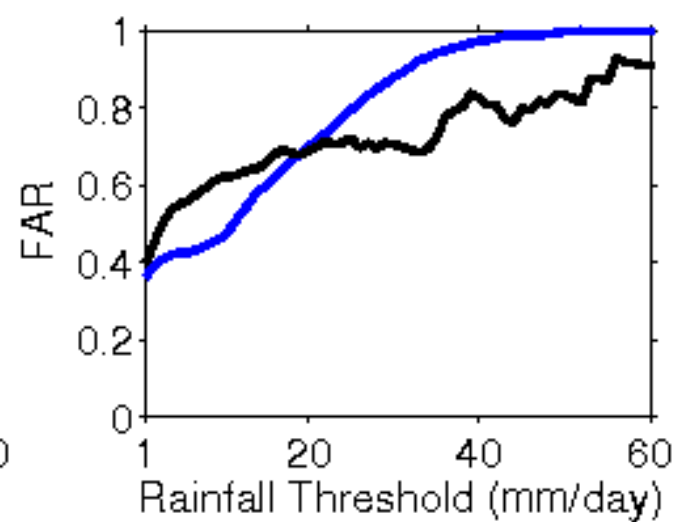
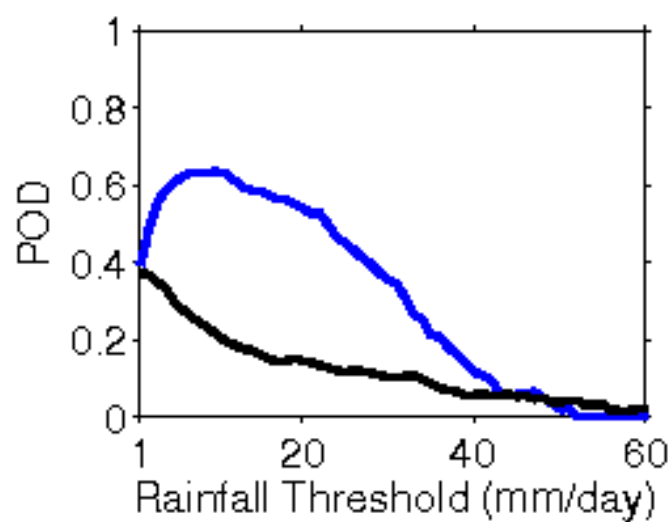
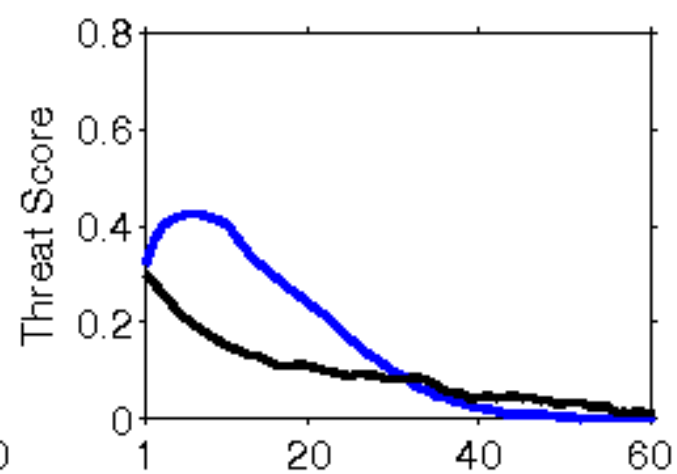
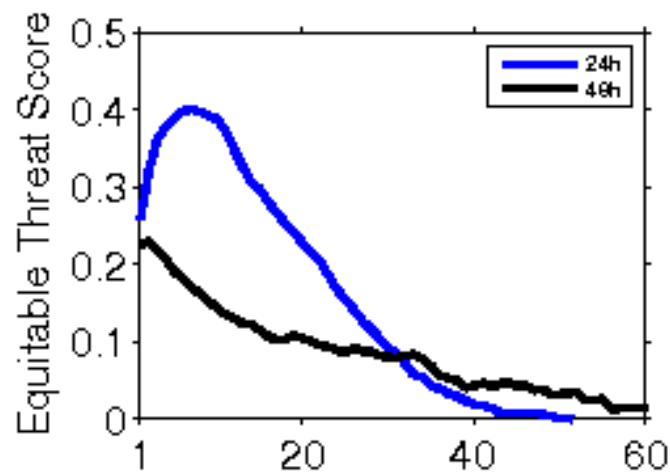
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.90(-0.79)	15.44(6.85)	2.23(1.06)
48 Hour	2.60(-0.54)	19.40(5.94)	2.98(1.17)
72 Hour	3.38(-0.56)	22.65(4.60)	3.12(1.10)



WRF Start Time
00Z 12022019

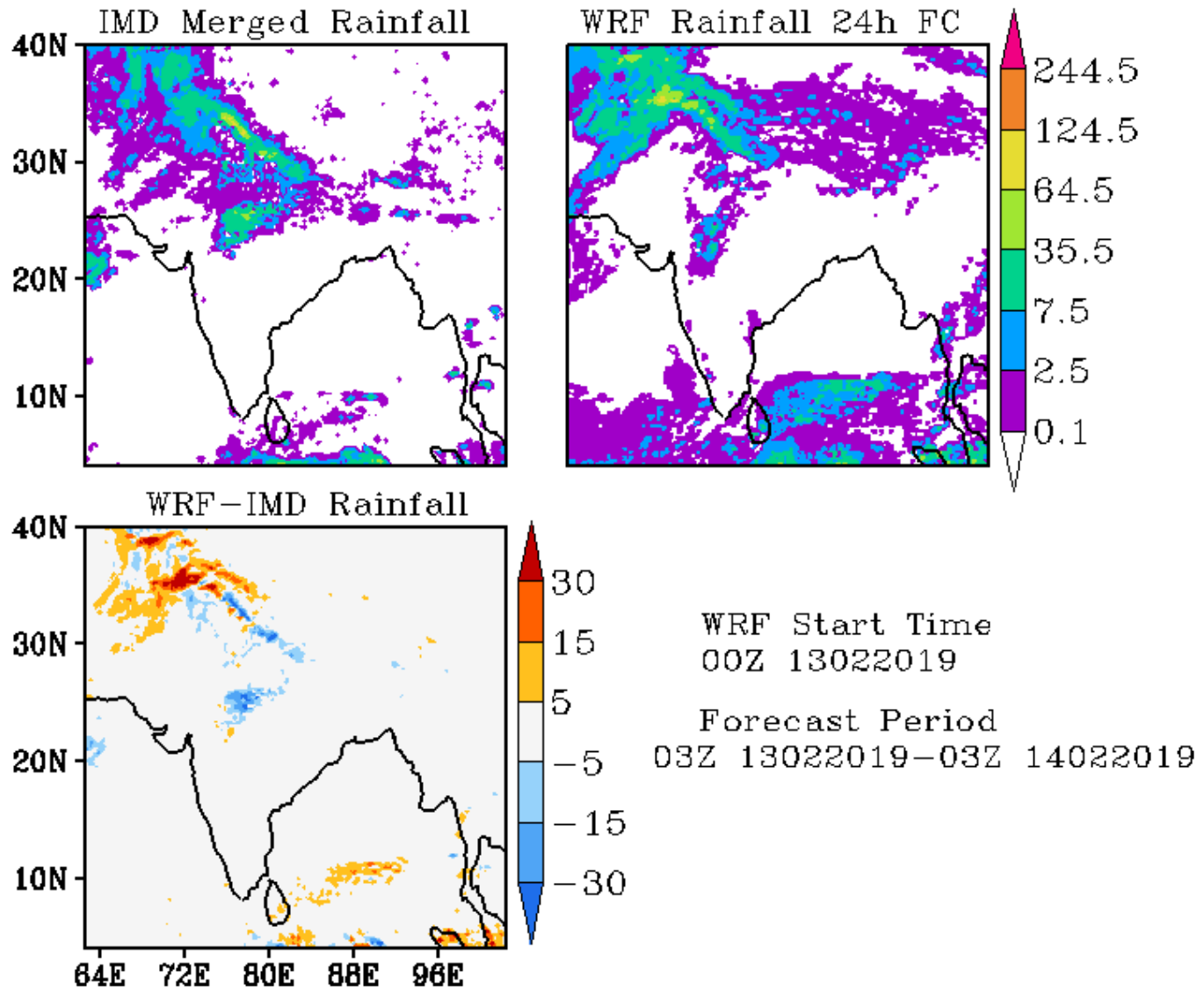
Forecast Period
03Z 12022019-03Z 13022019

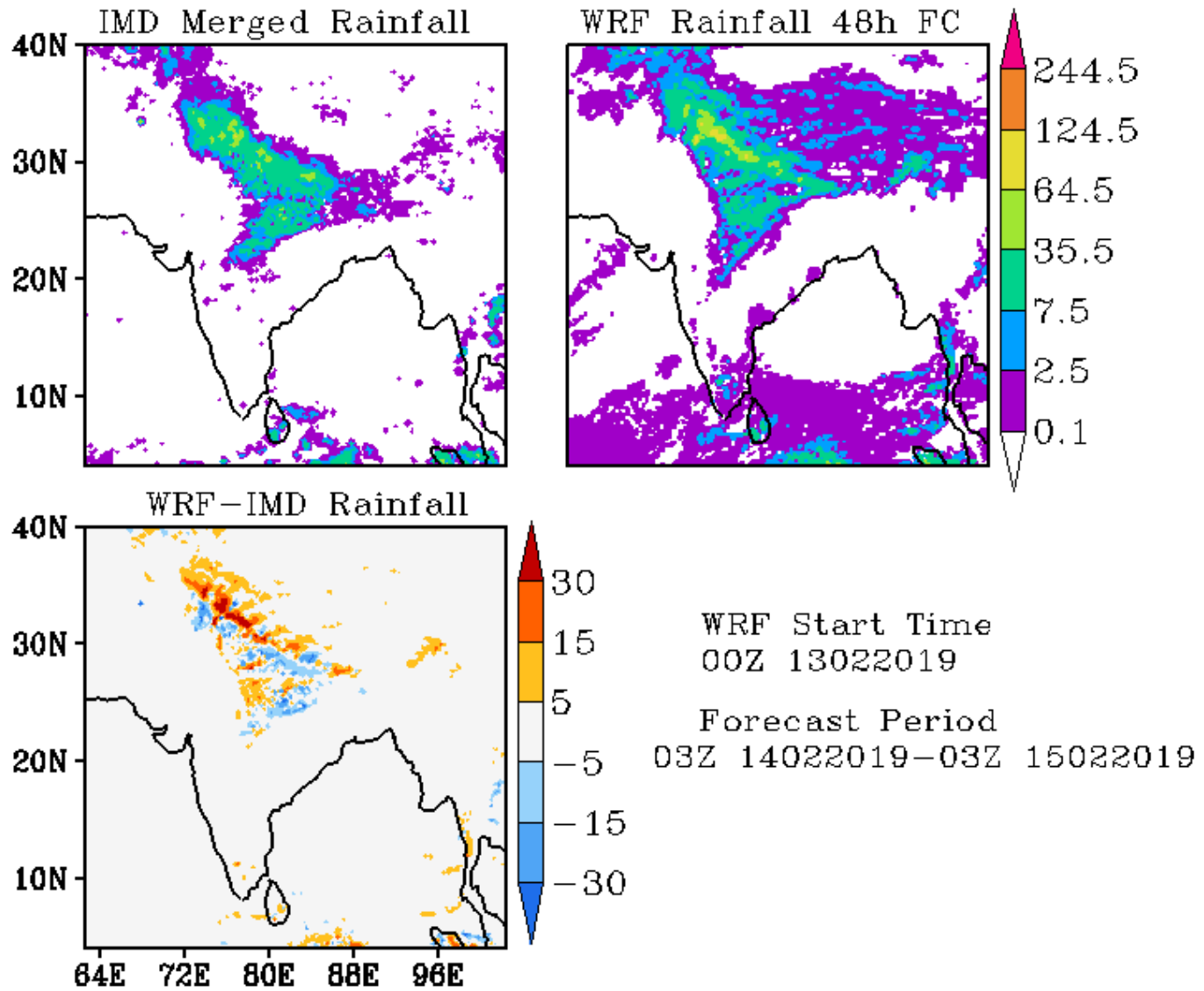


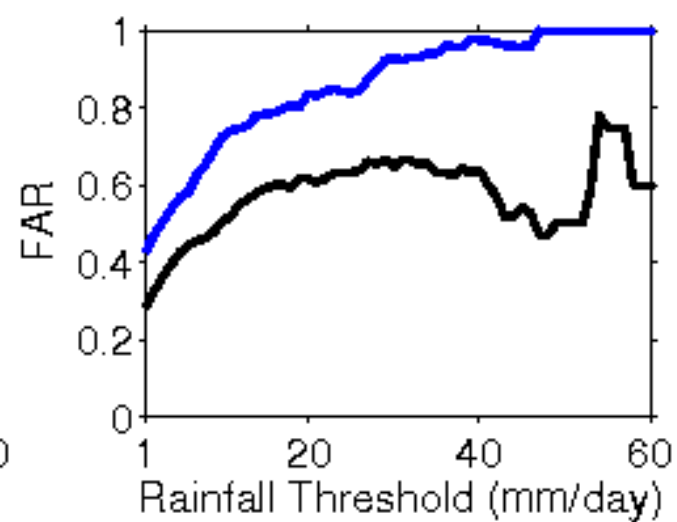
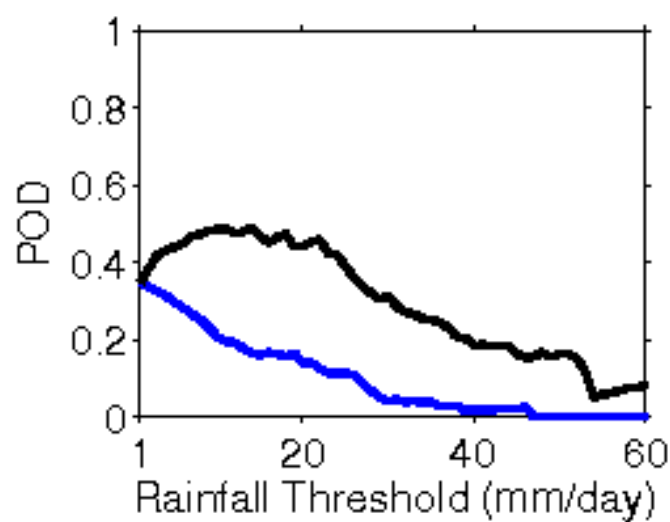
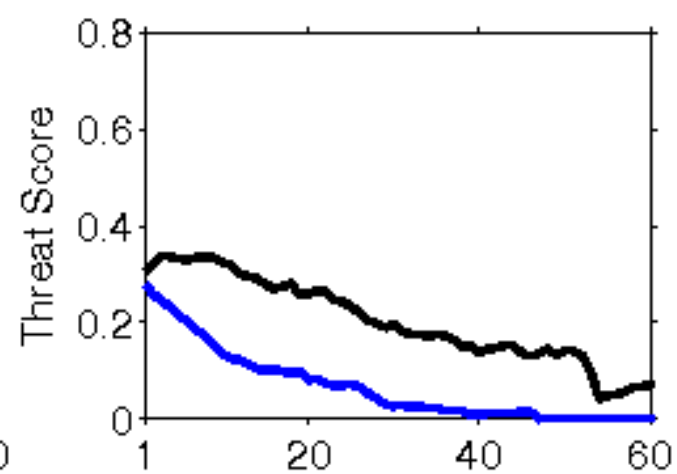
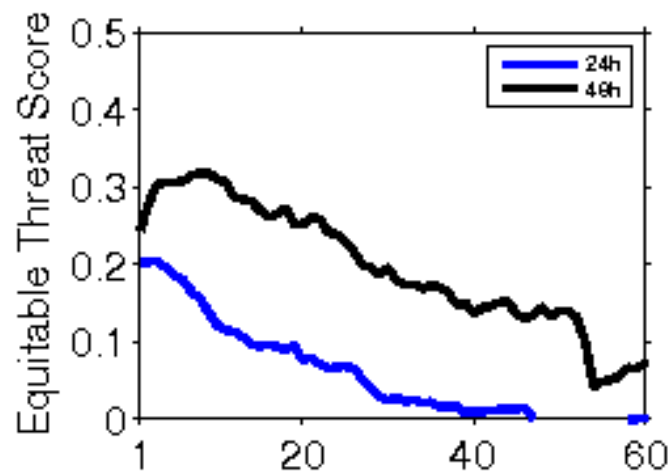


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.85(-0.75)	16.43(6.54)	2.51(1.15)
48 Hour	2.41(-0.43)	21.35(7.29)	2.98(1.26)
72 Hour	3.42(-0.24)	22.84(7.65)	3.23(1.37)

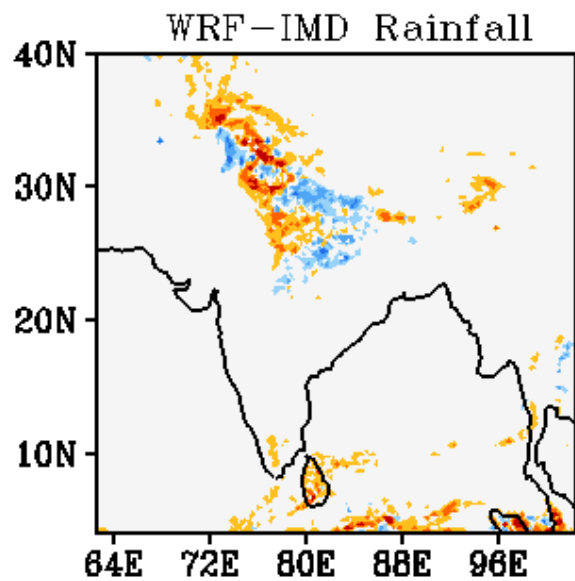
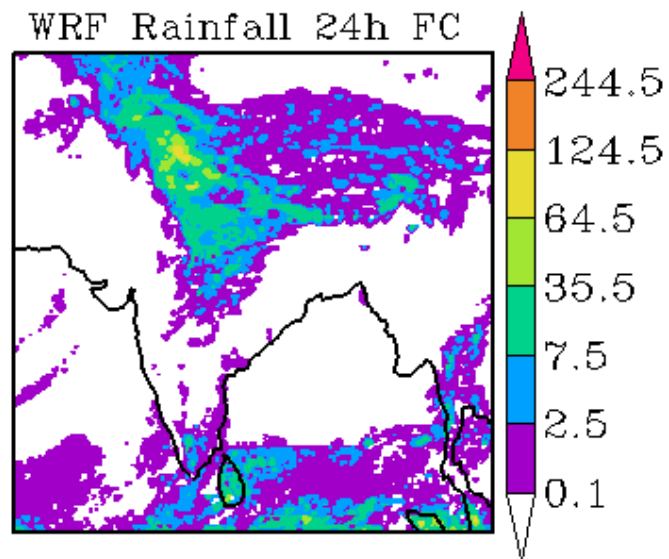
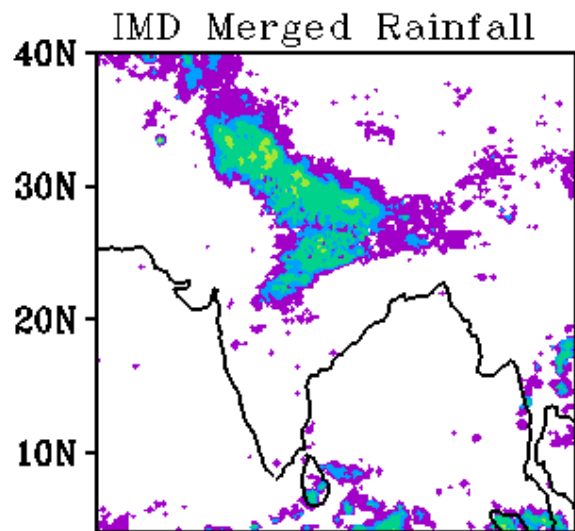






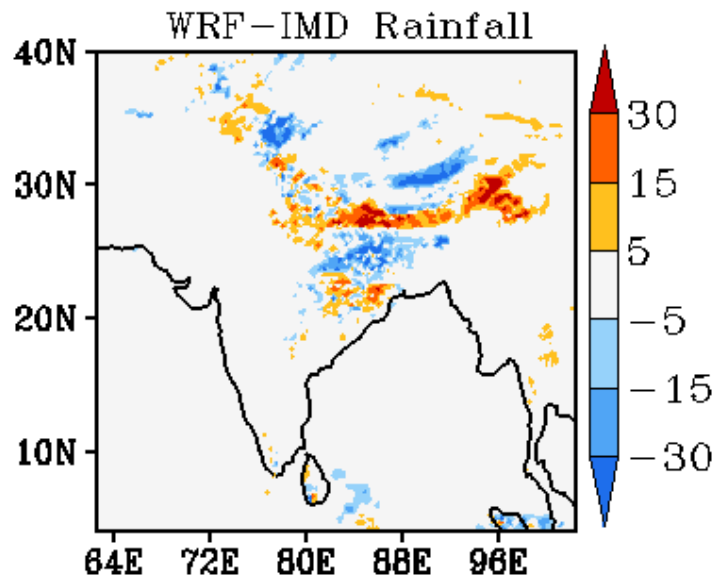
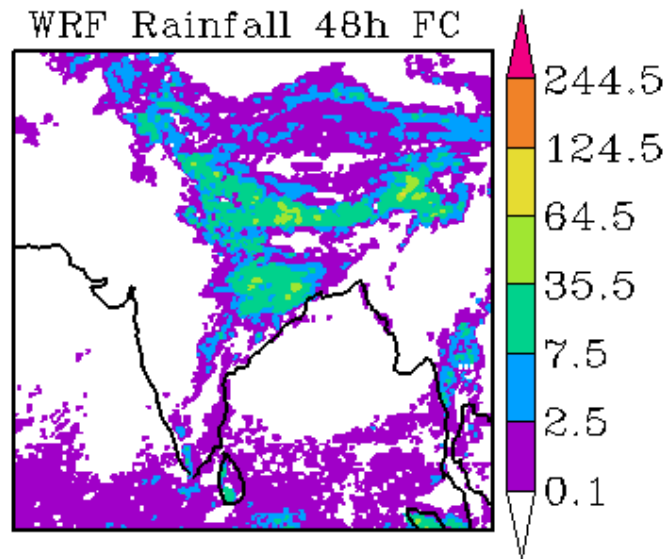
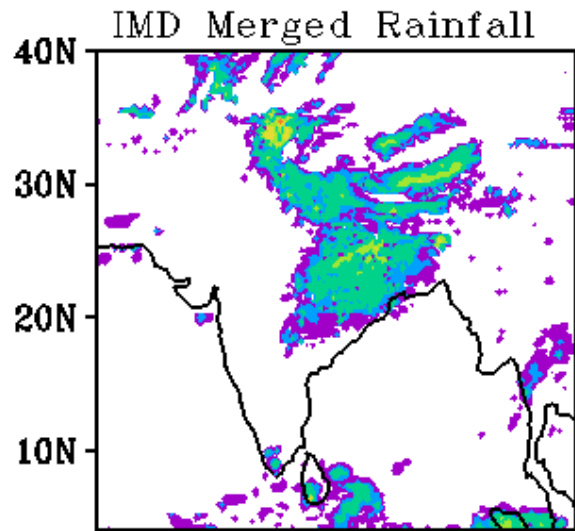
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.80(-0.80)	15.49(8.07)	2.45(1.26)
48 Hour	2.92(-0.55)	20.50(6.76)	2.52(1.46)
72 Hour	4.25(-0.27)	24.23(5.78)	2.75(1.47)



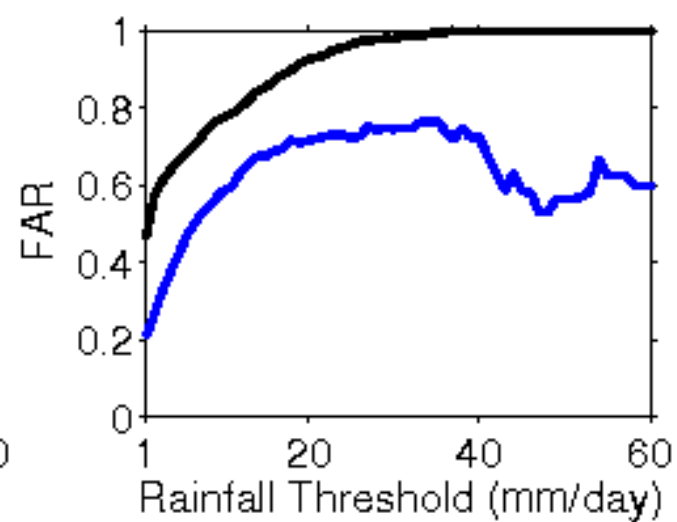
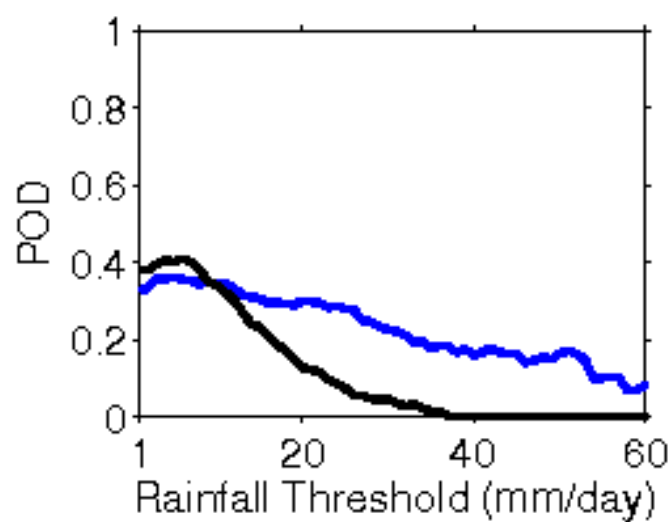
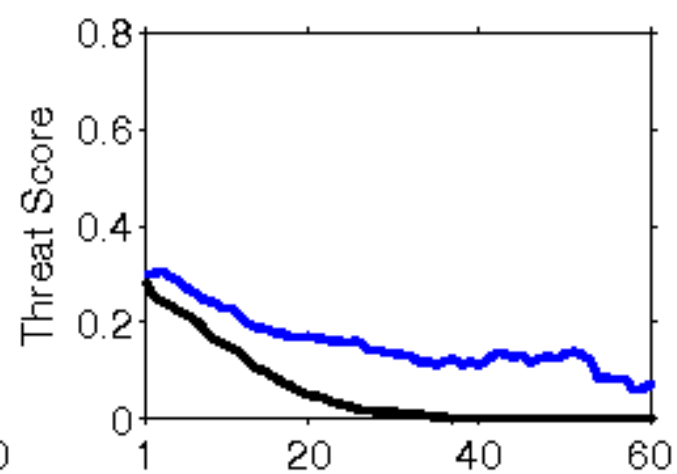
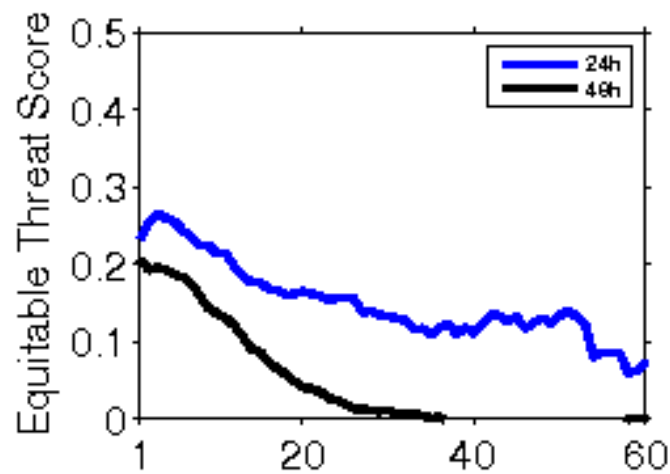
WRF Start Time
00Z 14022019

Forecast Period
03Z 14022019-03Z 15022019



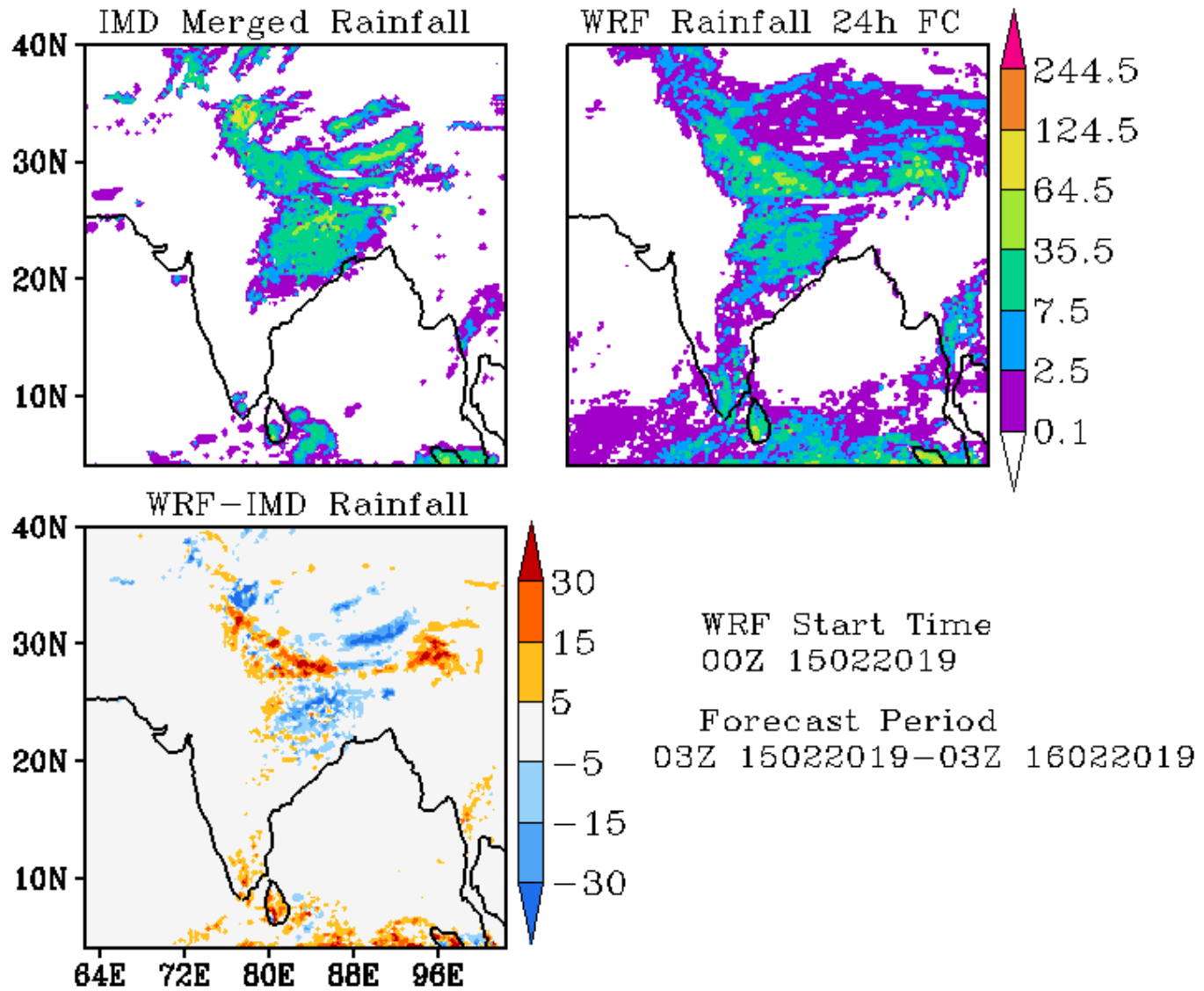
WRF Start Time
00Z 14022019

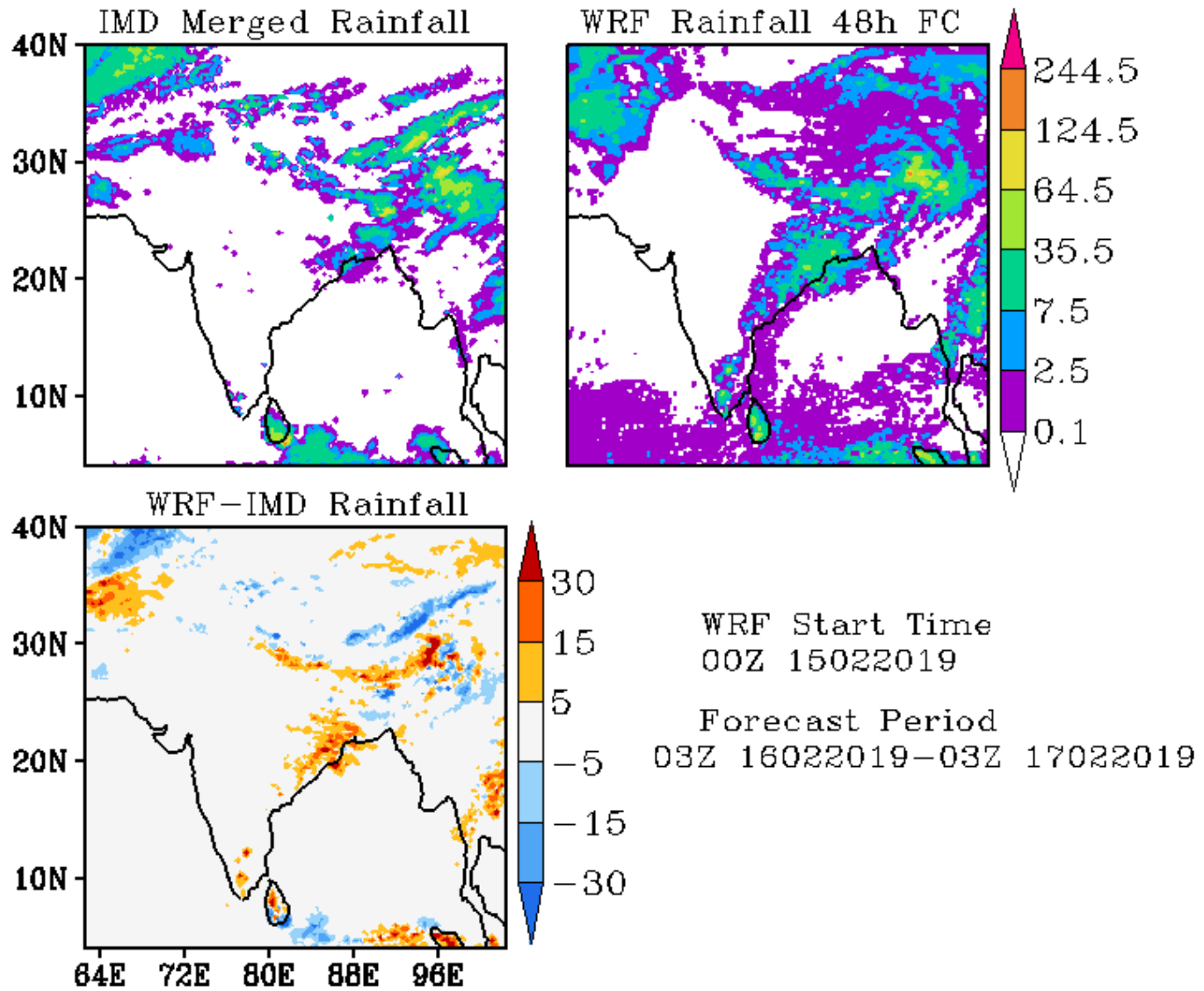
Forecast Period
03Z 15022019-03Z 16022019

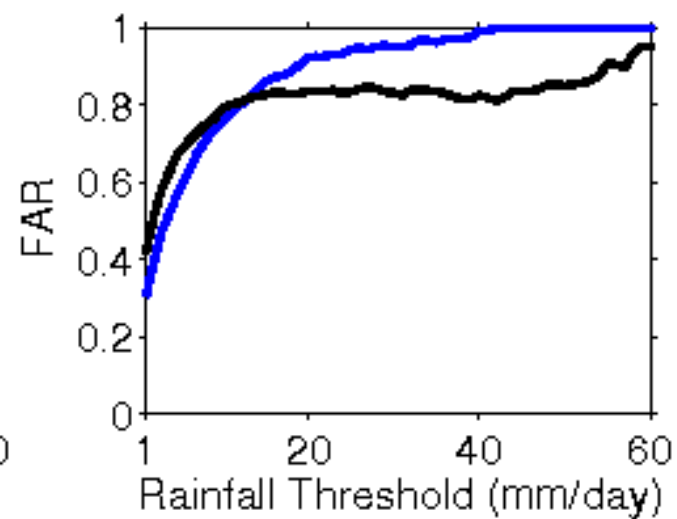
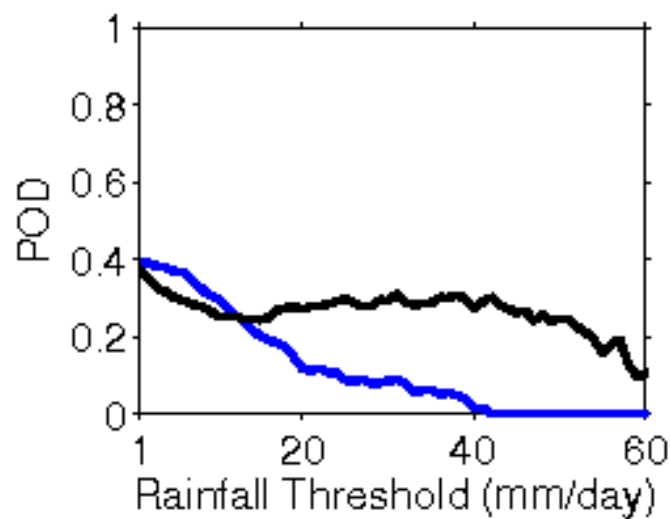
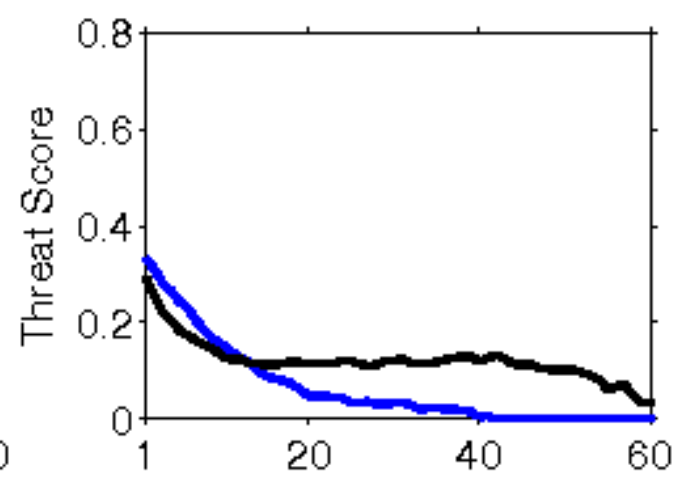
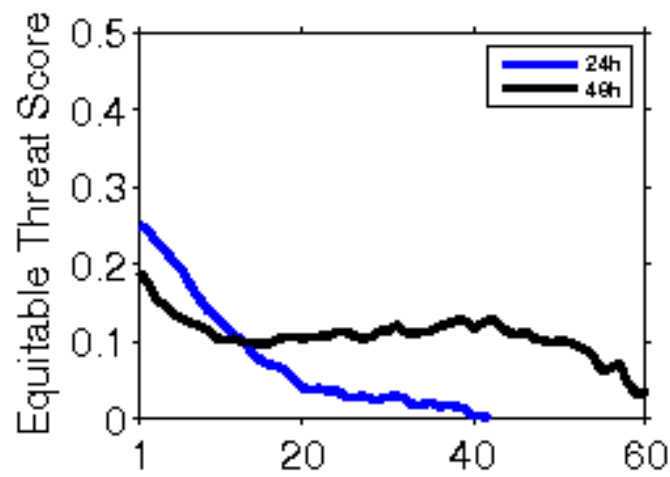


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.14(-1.01)	17.52(7.67)	2.44(1.23)
48 Hour	3.63(-0.71)	21.26(6.60)	2.46(1.31)
72 Hour	4.64(-0.63)	23.05(3.58)	2.81(1.62)

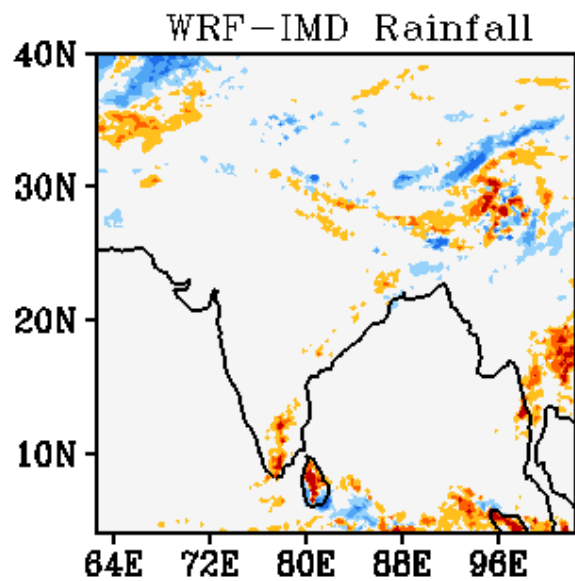
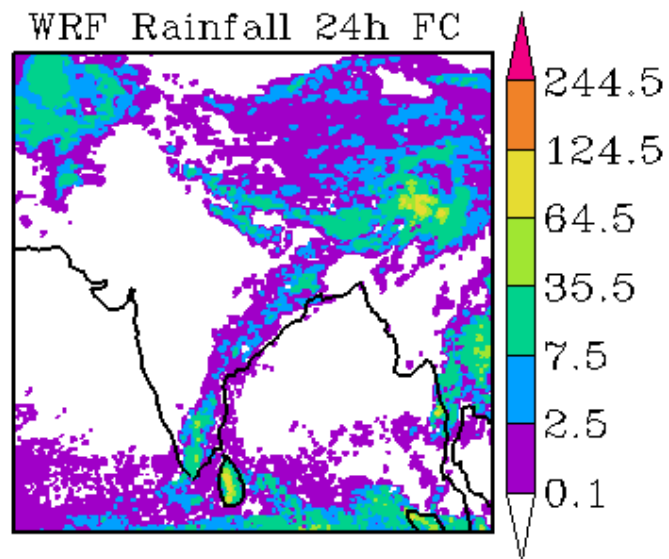
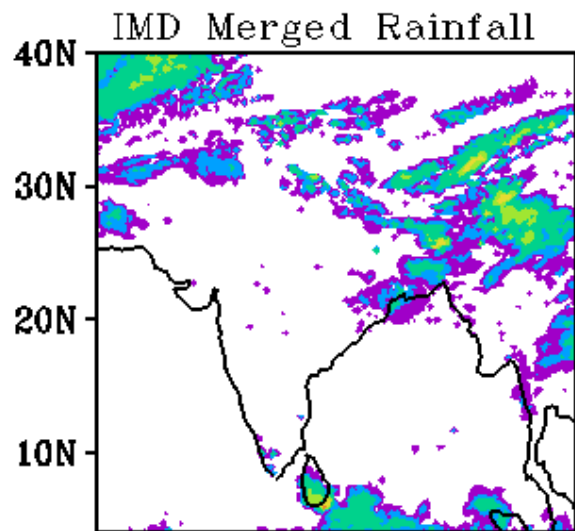






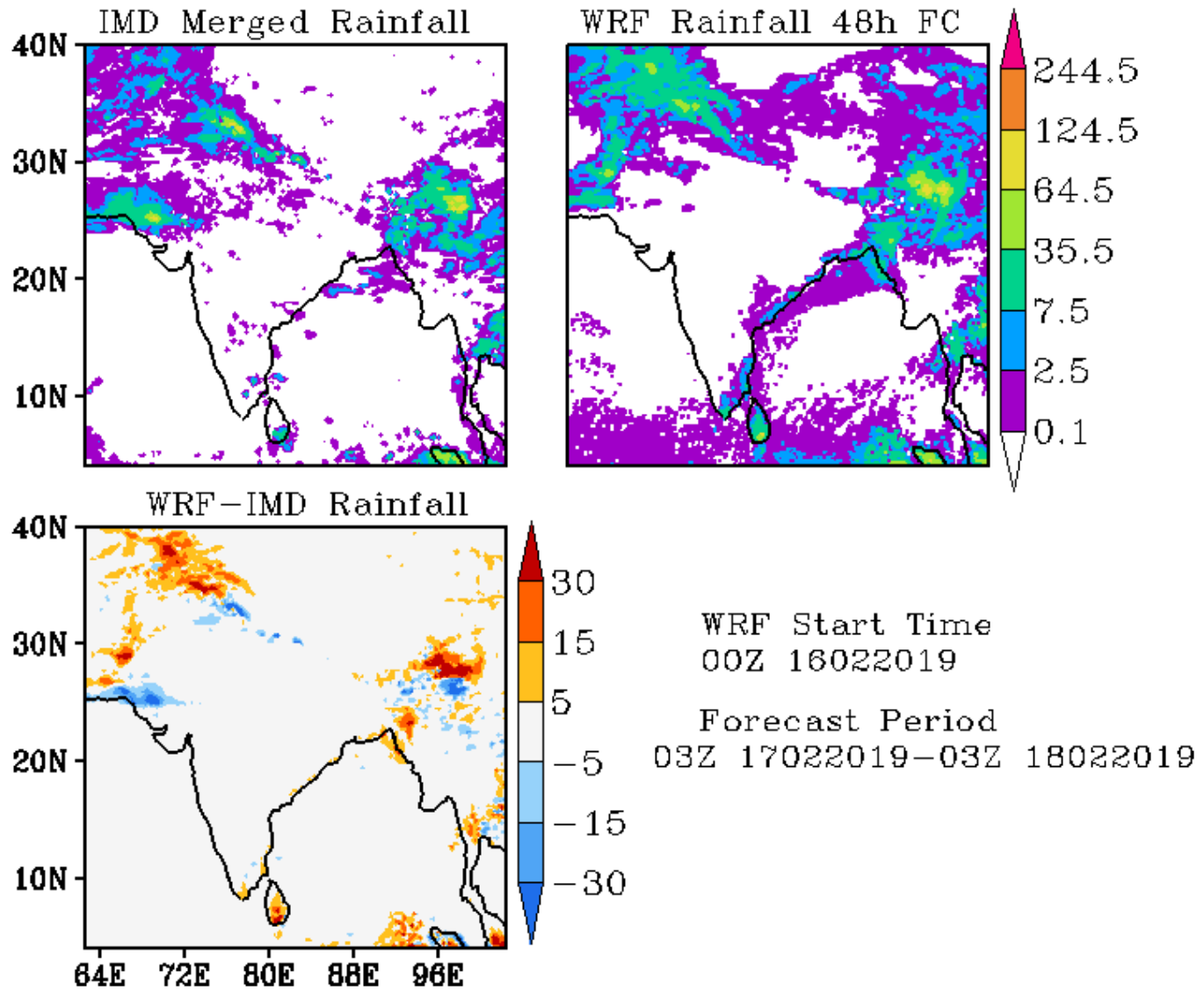
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

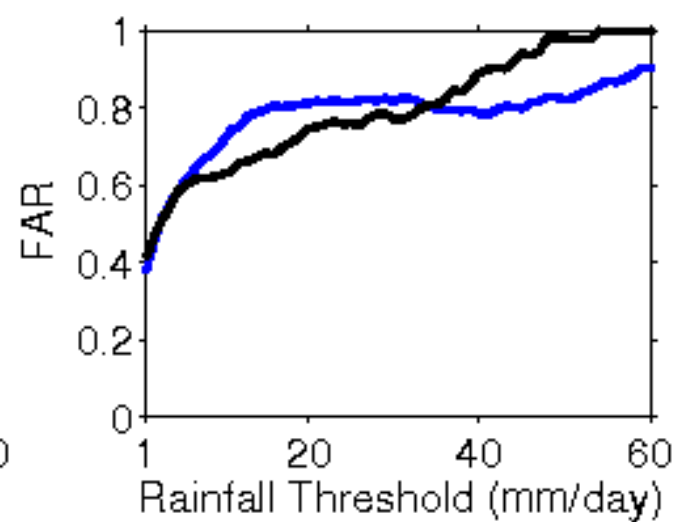
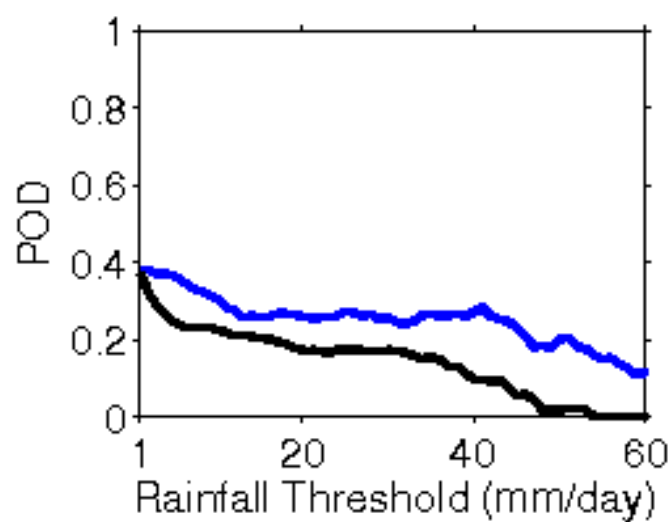
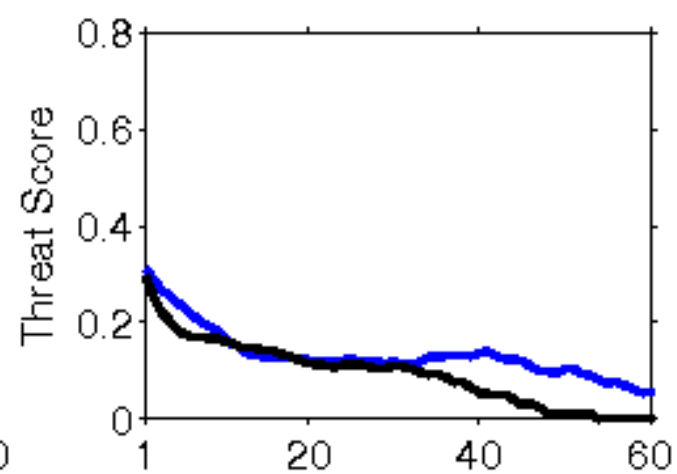
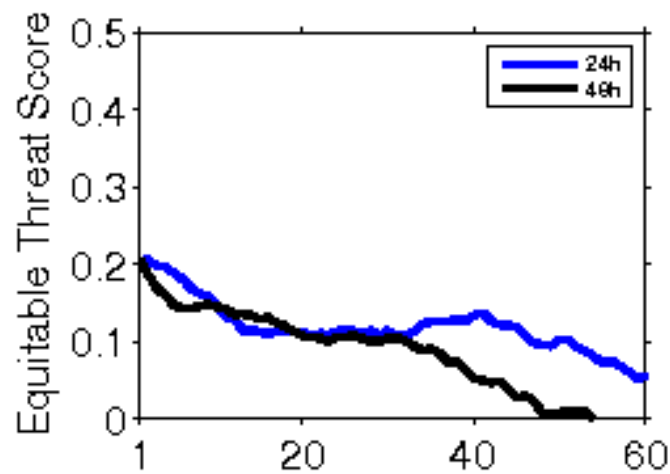
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.43(-1.20)	18.45(6.76)	2.18(1.05)
48 Hour	3.81(-1.25)	22.24(6.87)	2.82(1.25)
72 Hour	3.95(-0.80)	26.24(6.98)	2.84(1.40)



WRF Start Time
00Z 16022019

Forecast Period
03Z 16022019-03Z 17022019

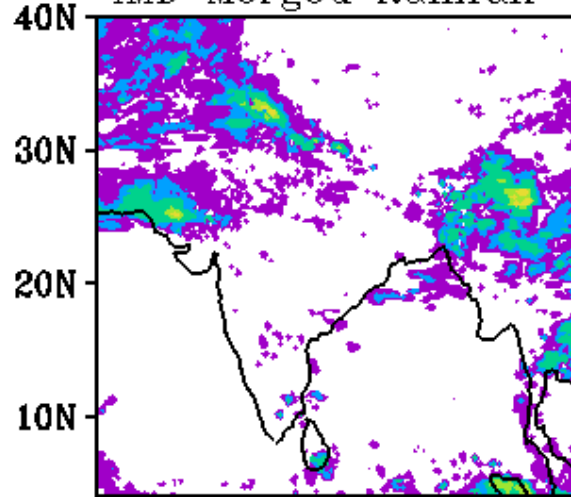




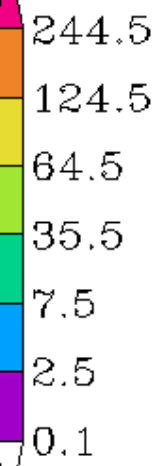
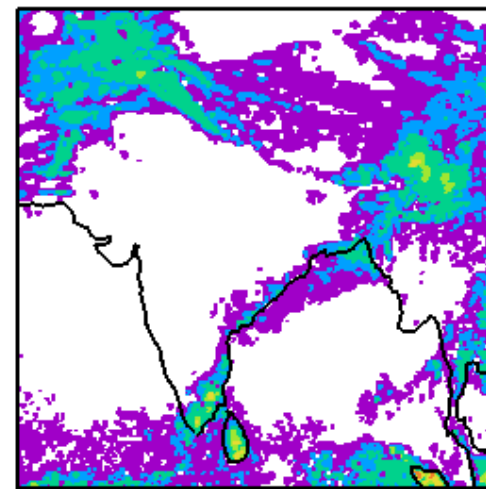
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.06(-0.94)	16.21(6.25)	2.48(1.29)
48 Hour	3.34(-0.93)	23.47(5.45)	2.57(1.42)
72 Hour	2.78(-0.99)	22.39(5.70)	2.82(1.32)

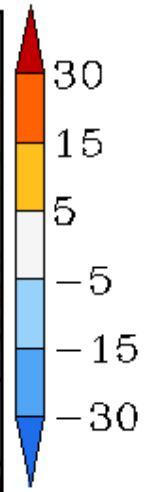
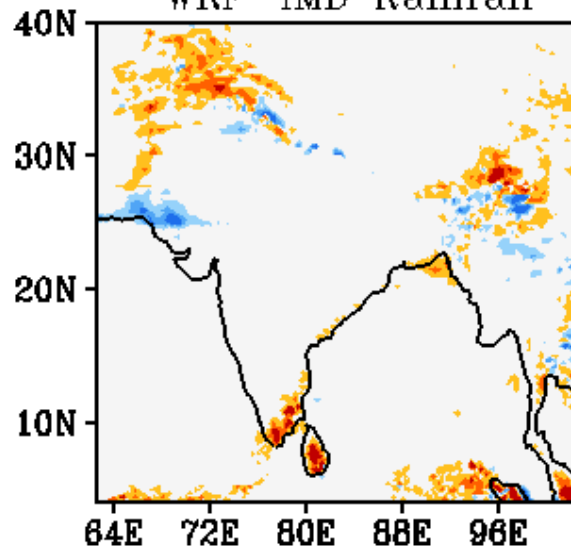
IMD Merged Rainfall



WRF Rainfall 24h FC

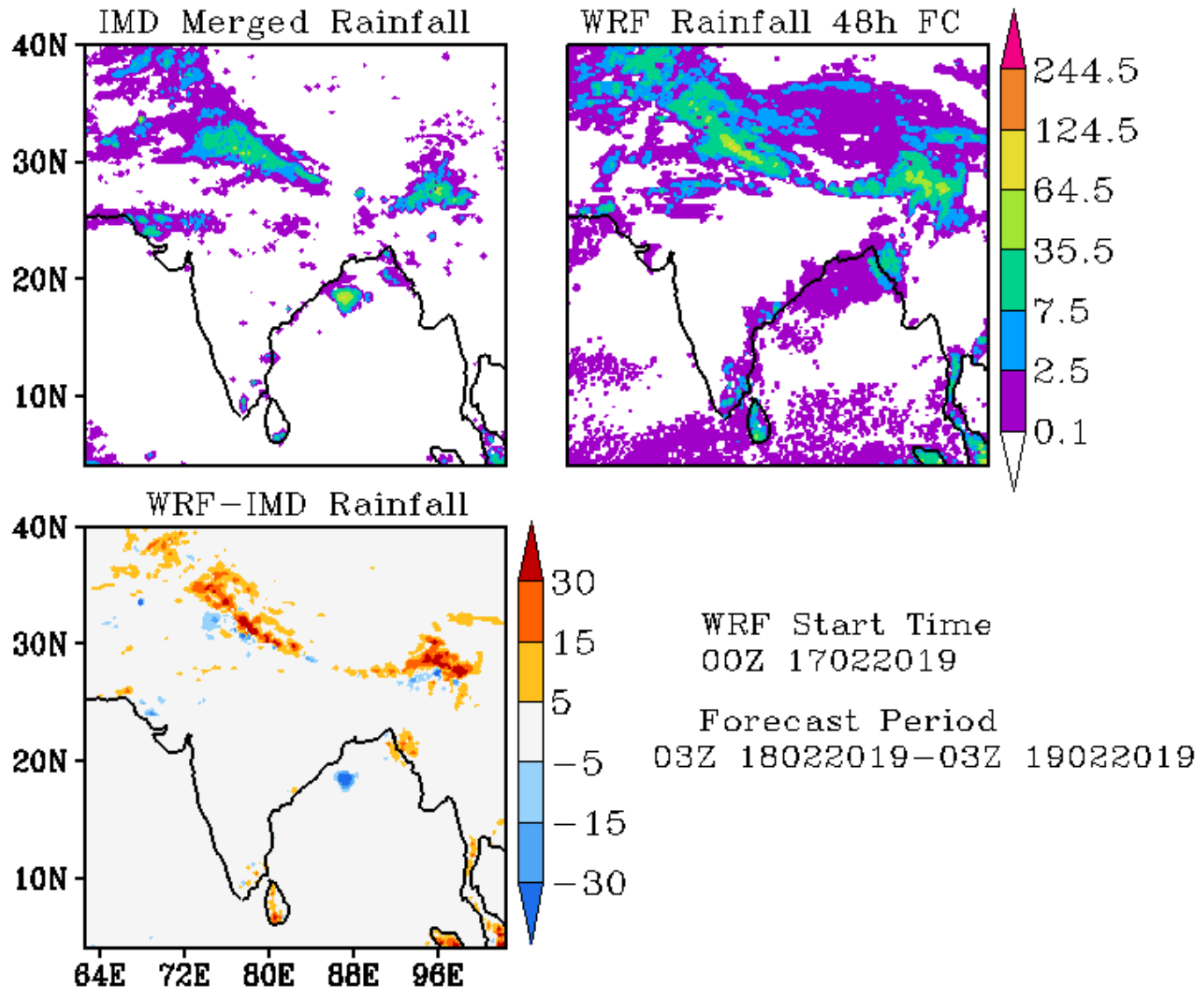


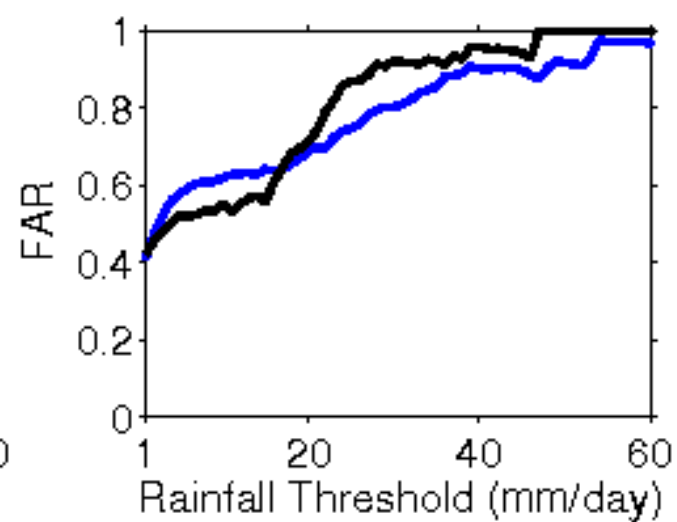
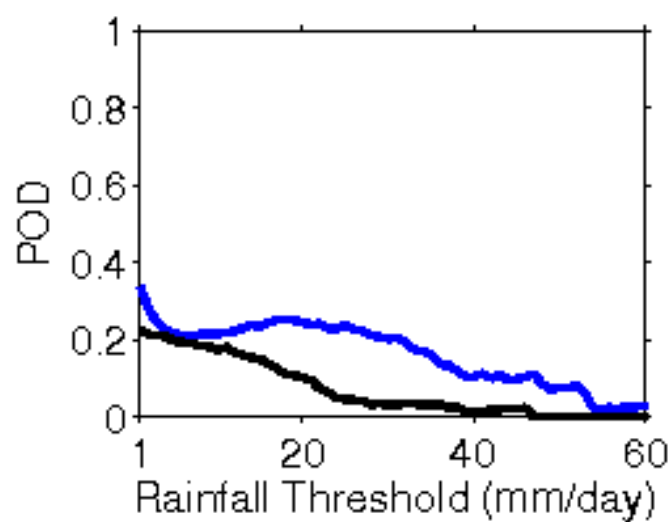
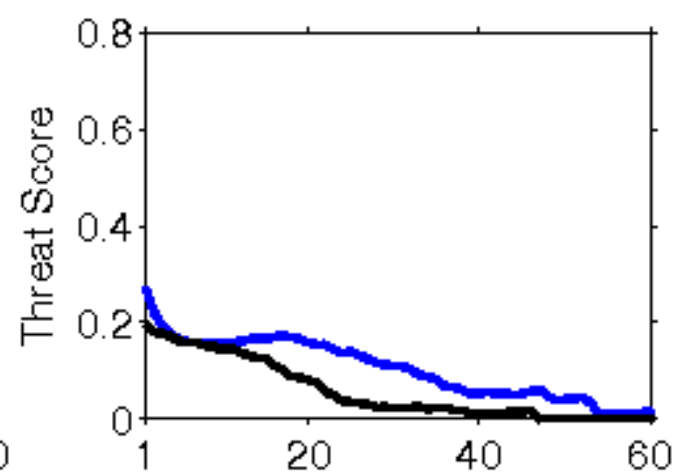
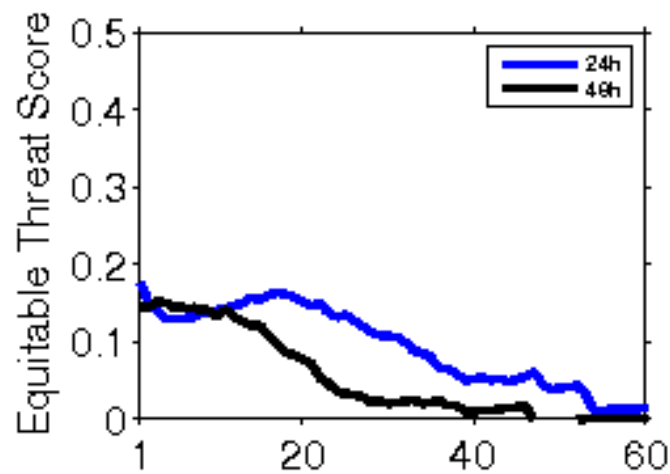
WRF-IMD Rainfall



WRF Start Time
00Z 17022019

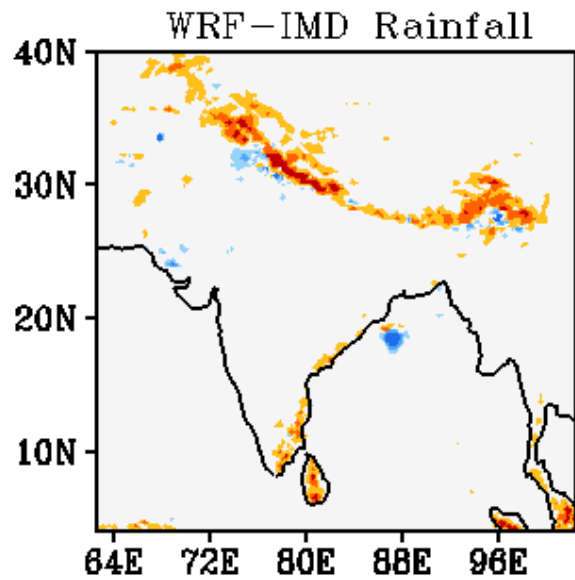
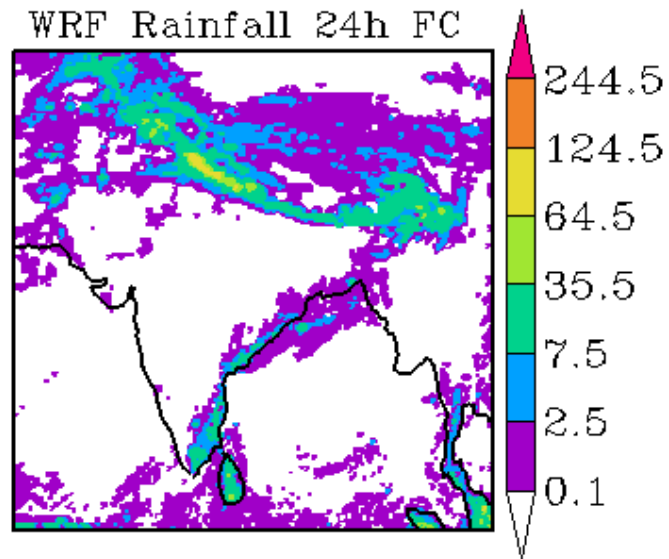
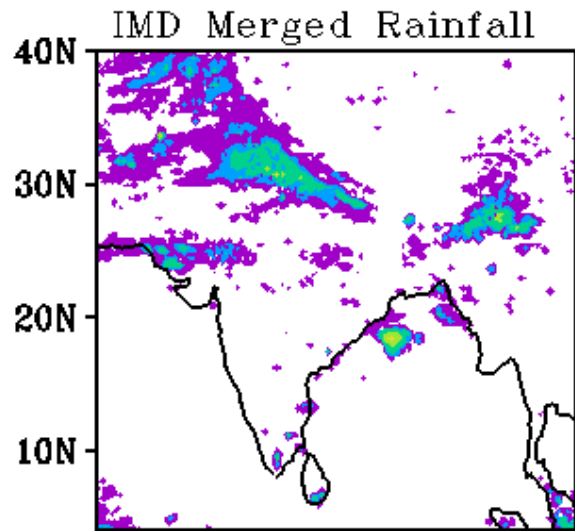
Forecast Period
03Z 17022019-03Z 18022019





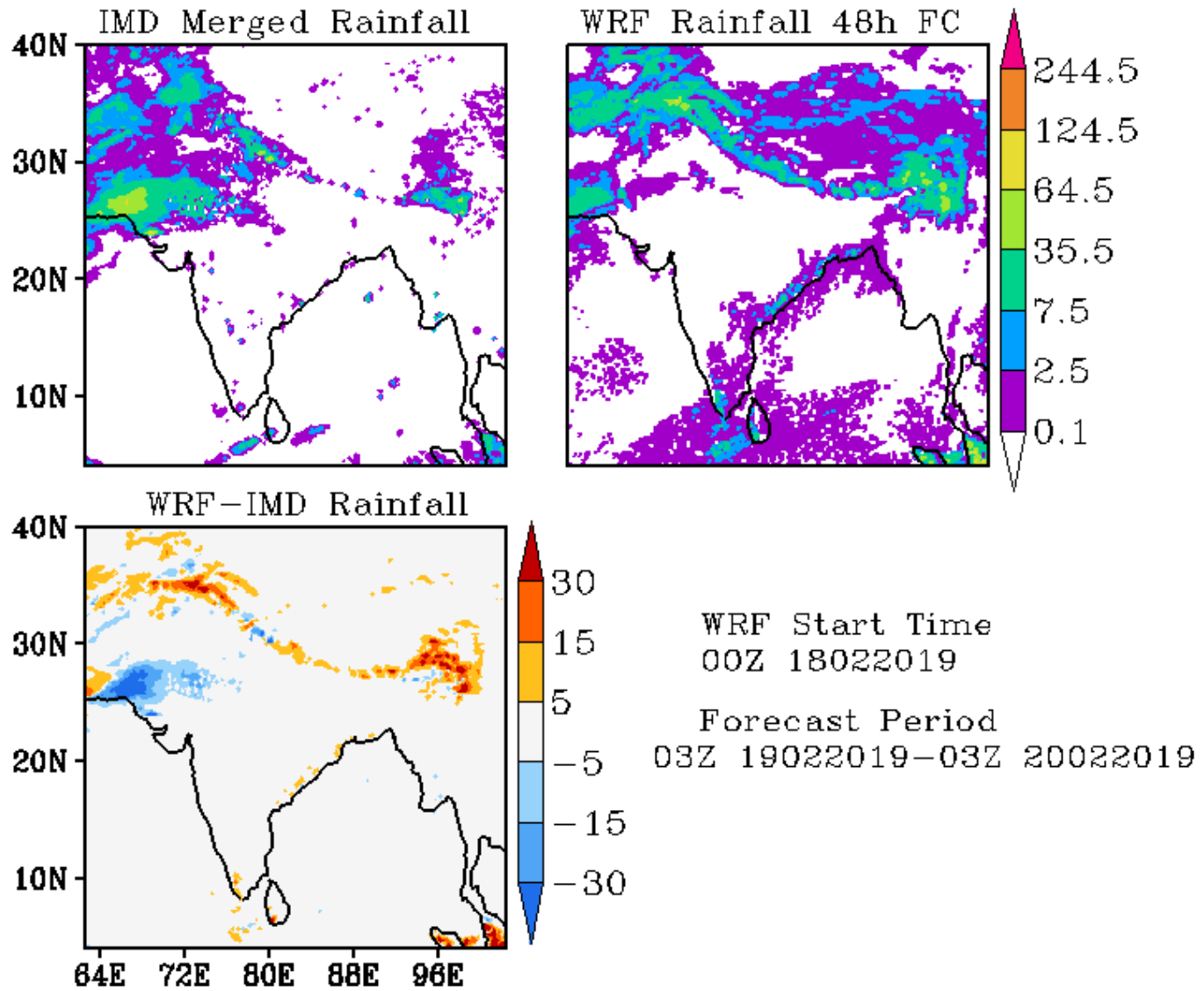
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

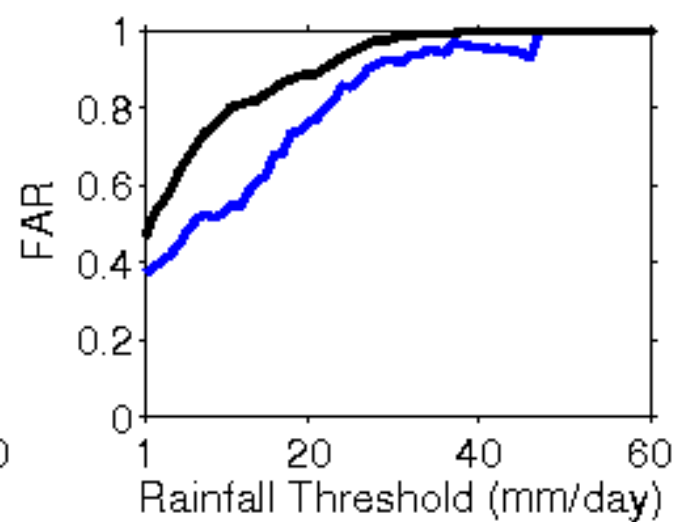
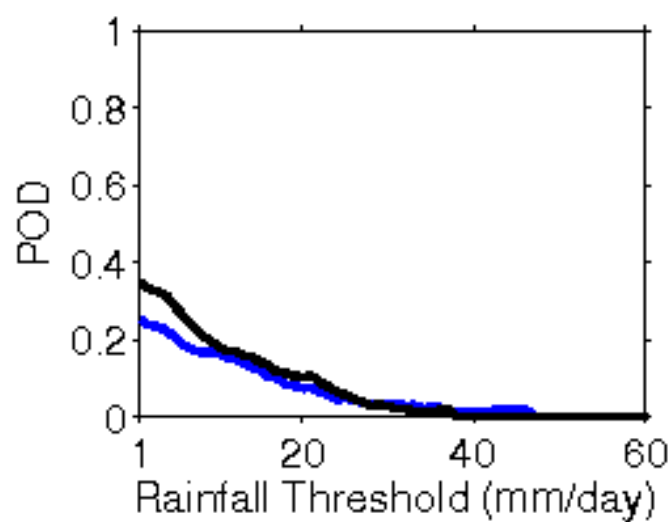
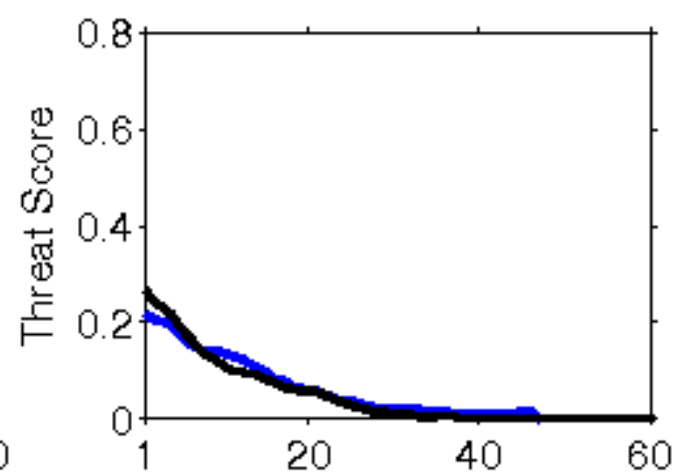
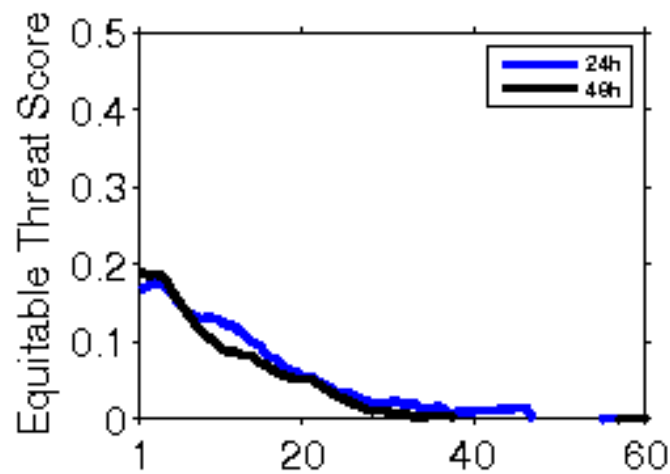
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.95(-0.76)	18.28(9.46)	2.31(1.25)
48 Hour	2.99(-0.64)	24.57(7.26)	3.02(1.54)
72 Hour	3.08(-0.59)	24.02(6.20)	3.35(1.47)



WRF Start Time
00Z 18022019

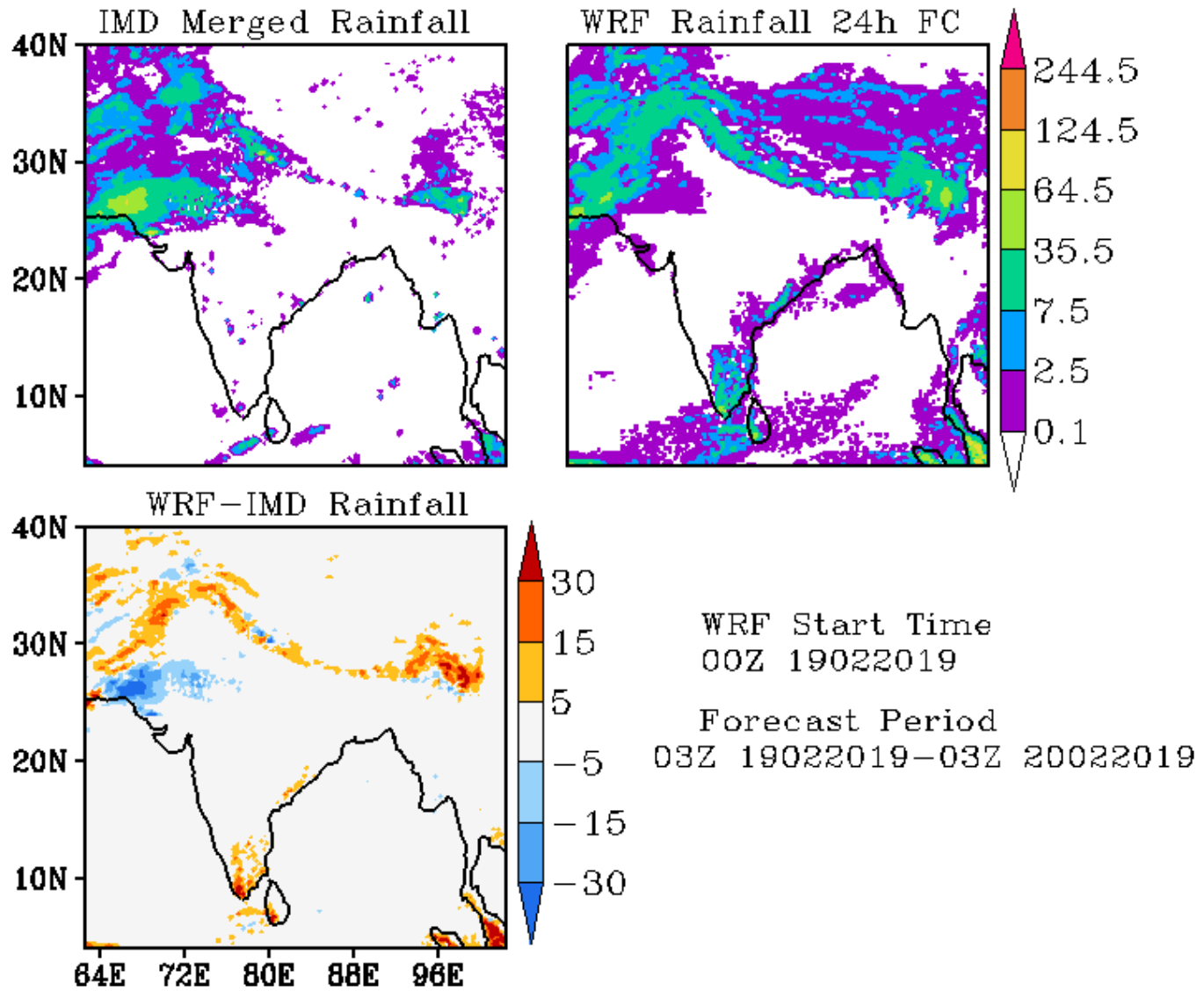
Forecast Period
03Z 18022019-03Z 19022019

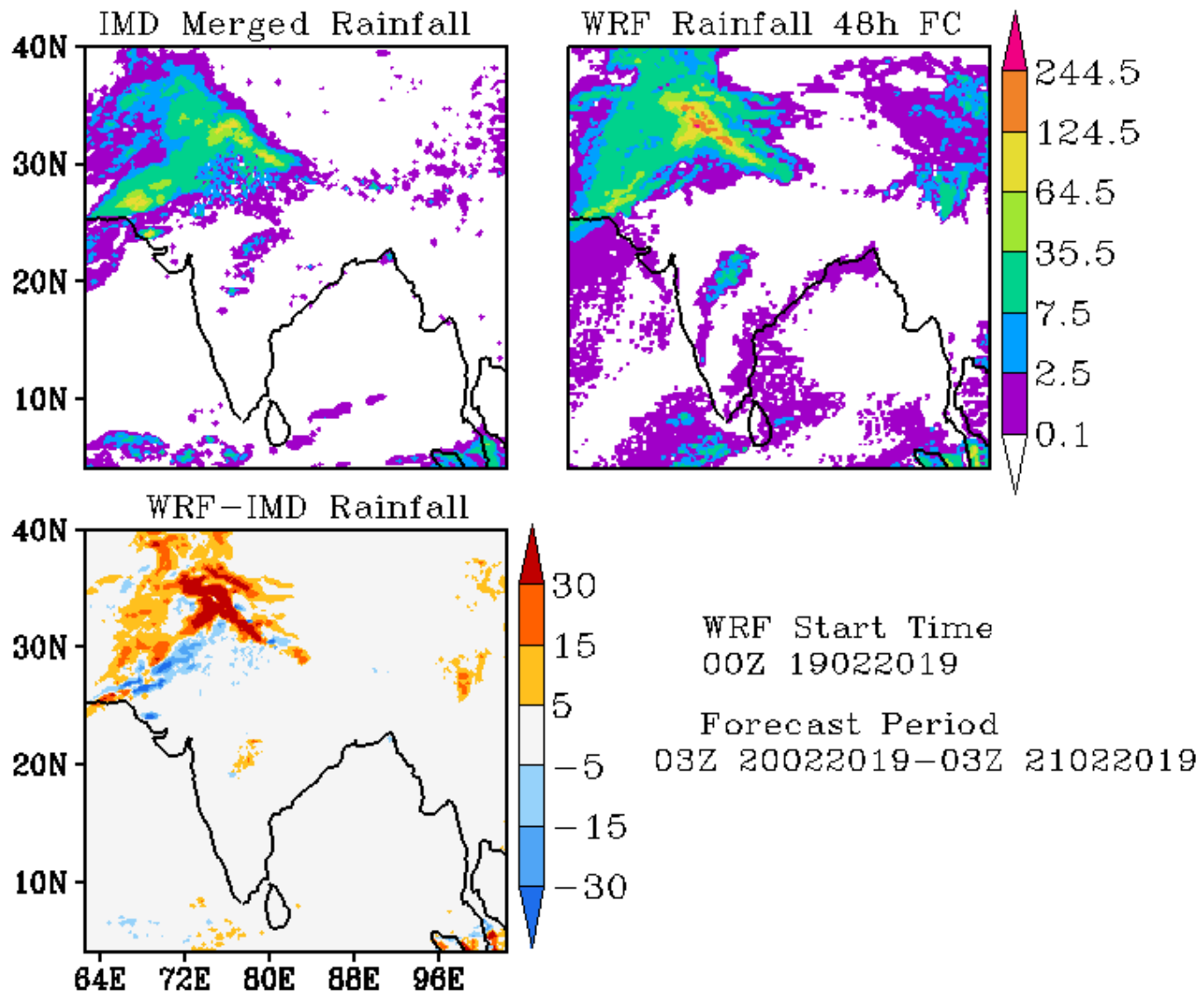


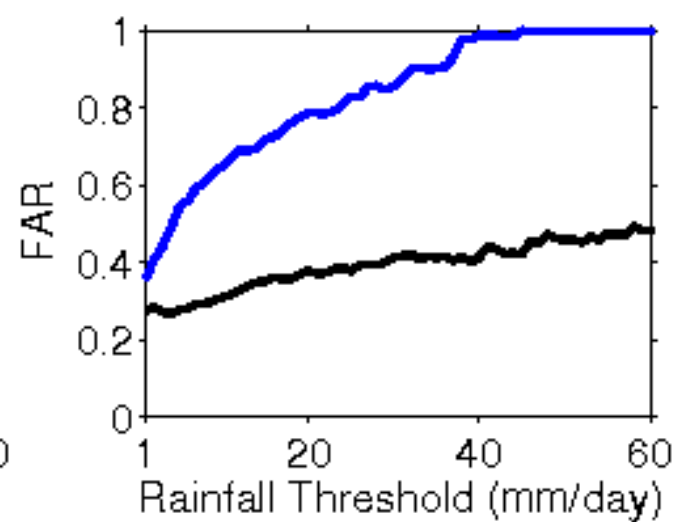
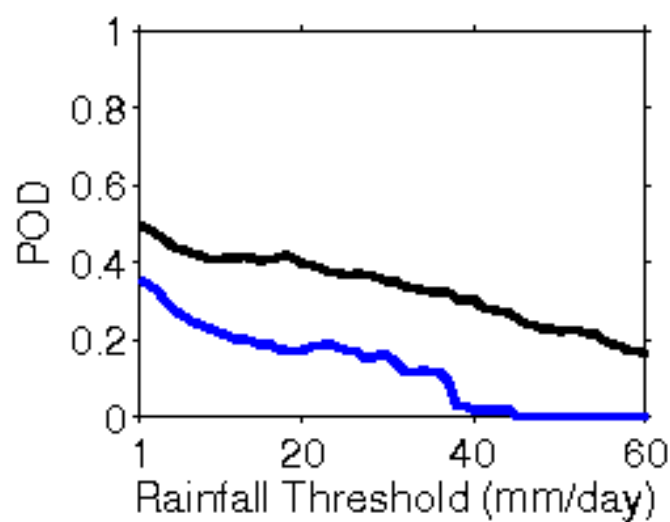
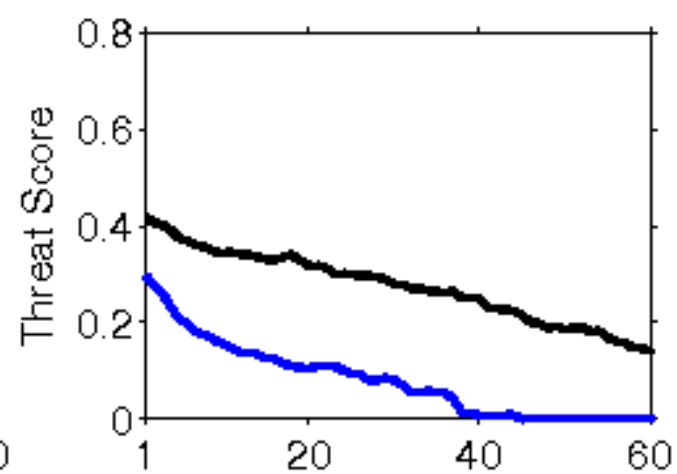
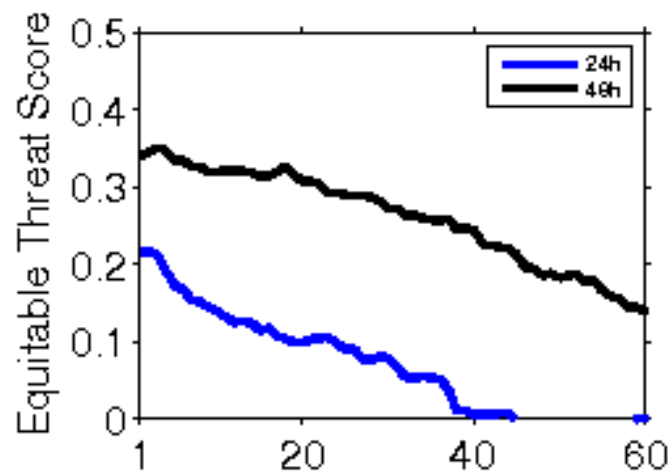


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.32(-0.94)	18.52(8.44)	2.47(1.27)
48 Hour	3.31(-0.81)	22.09(8.83)	3.58(1.69)
72 Hour	3.64(-0.83)	23.95(6.46)	4.58(1.57)

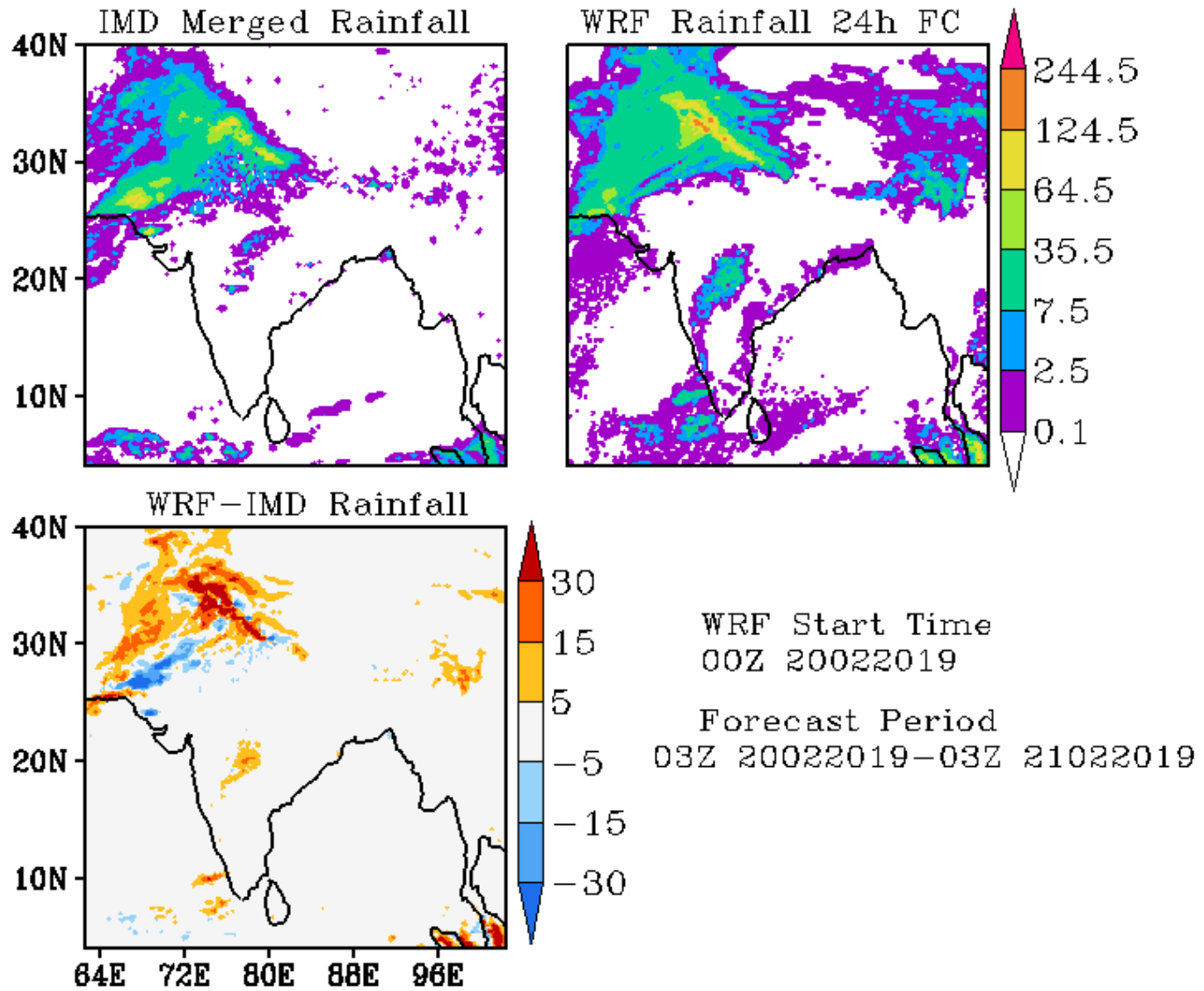


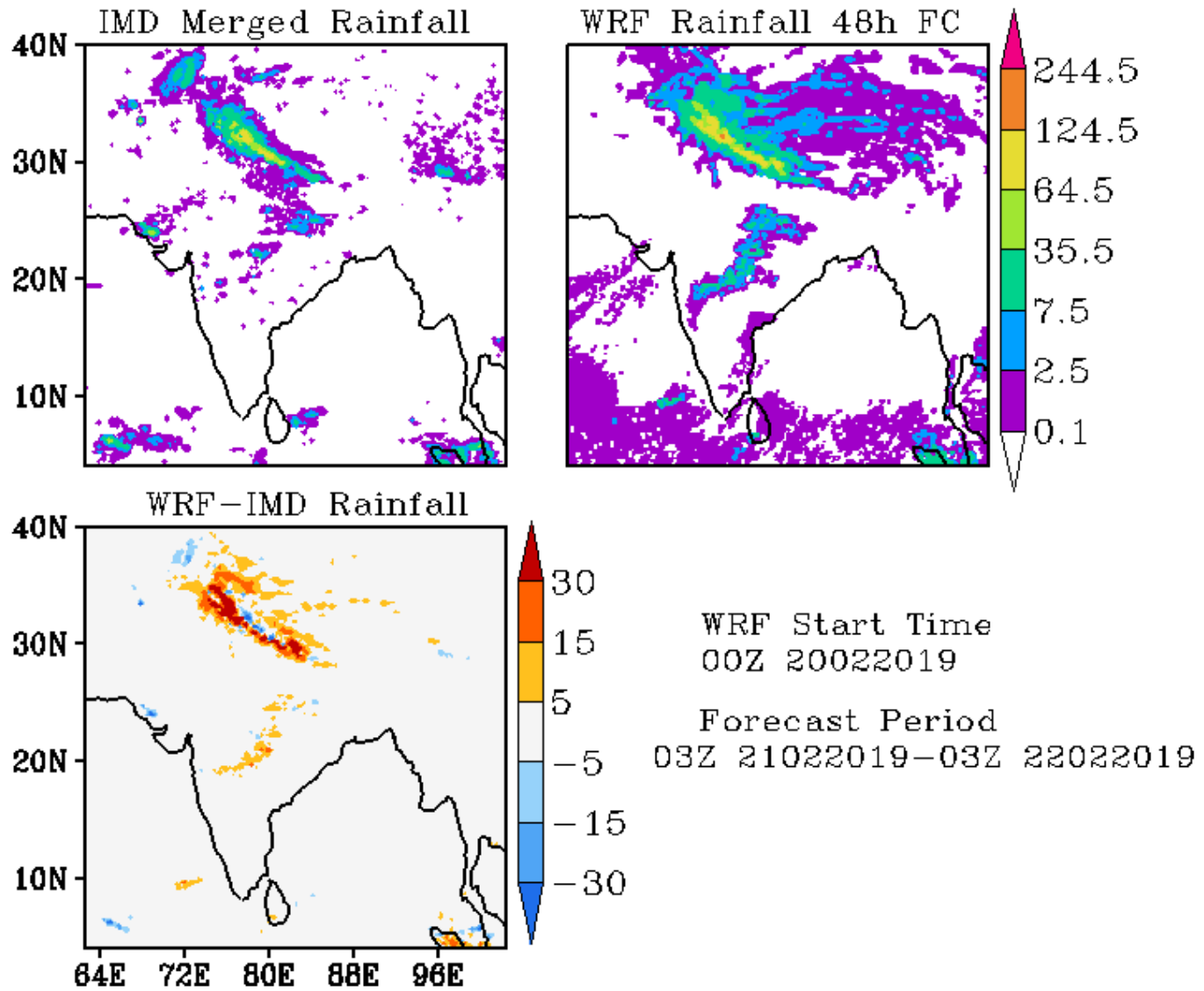


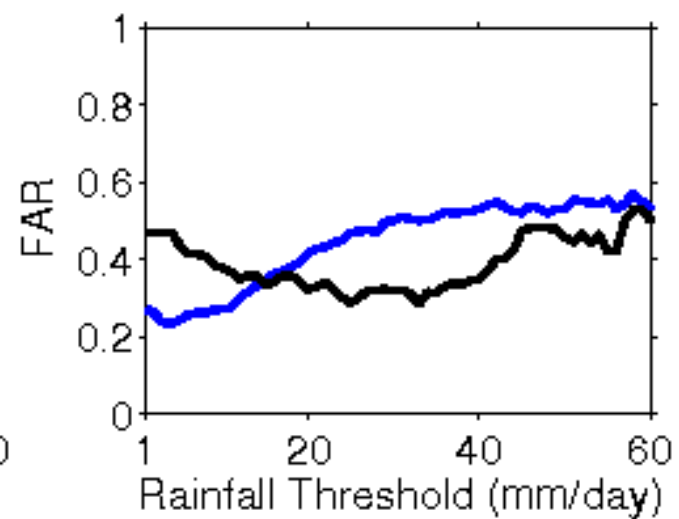
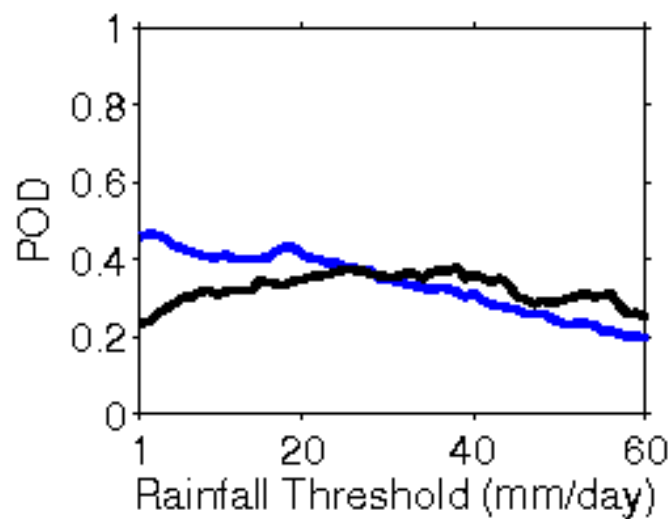
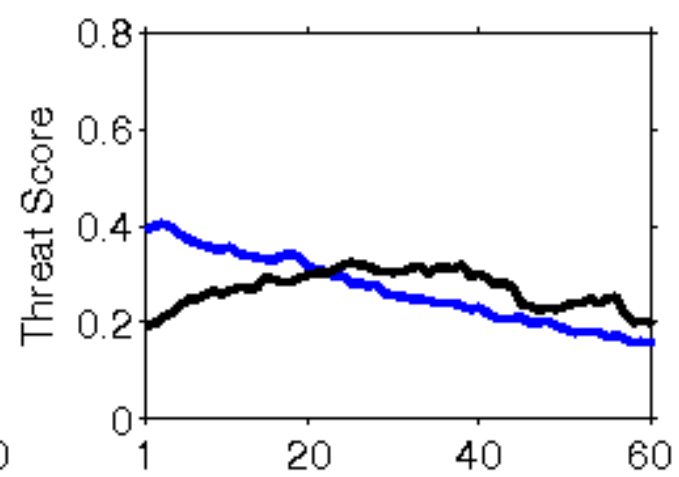
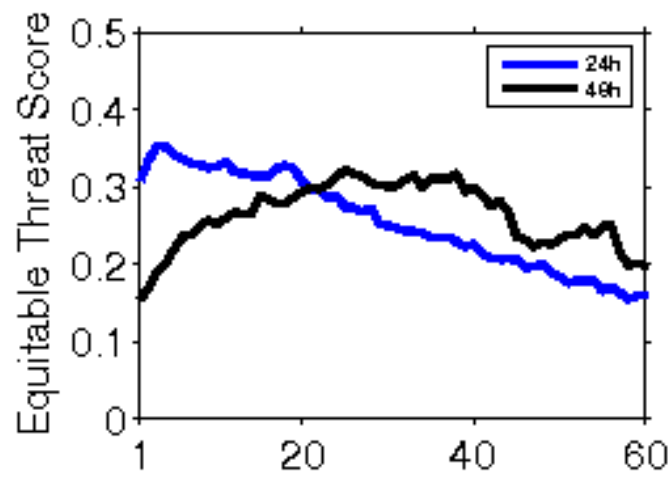


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.13(-0.90)	15.79(7.27)	2.57(1.25)
48 Hour	3.64(-0.55)	20.66(5.51)	4.25(1.59)
72 Hour	3.83(-0.64)	24.08(5.74)	3.96(1.37)

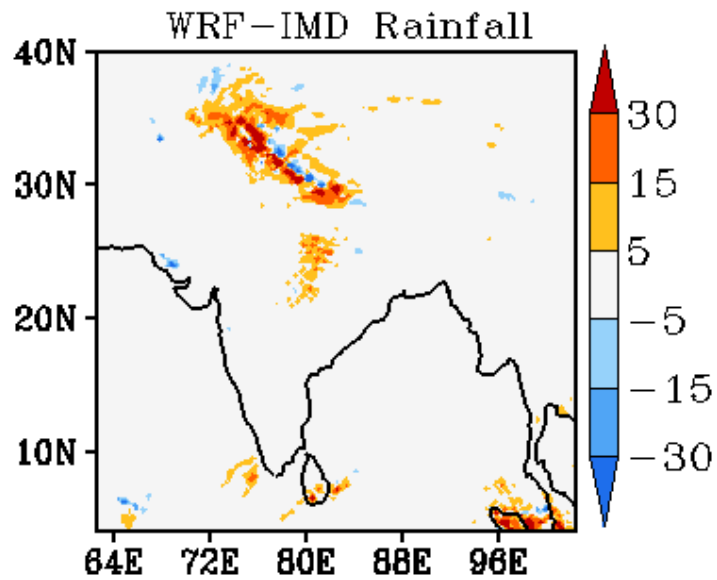
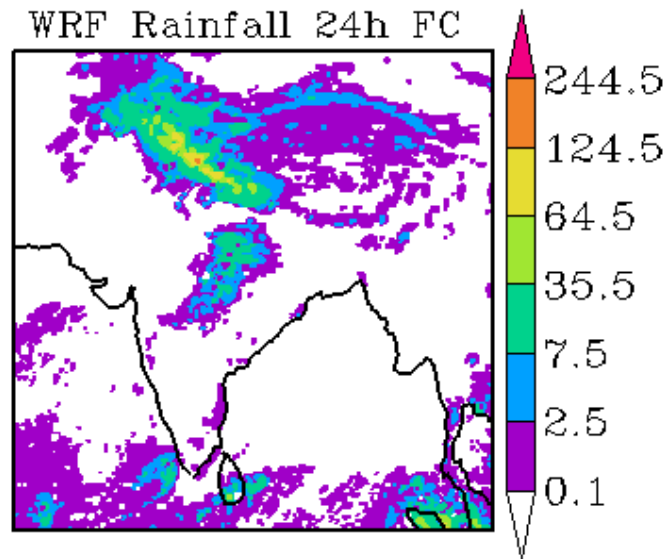
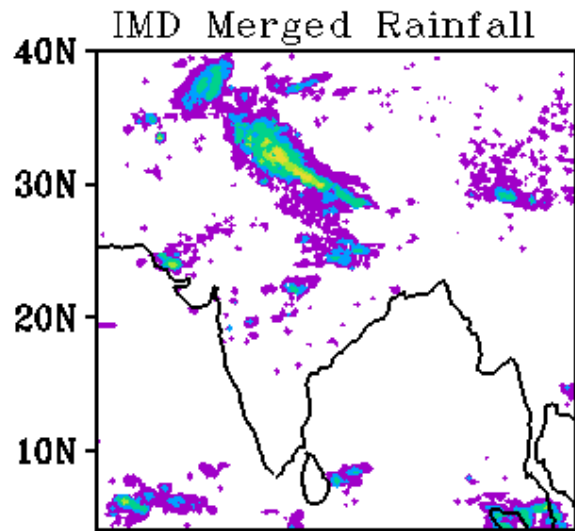






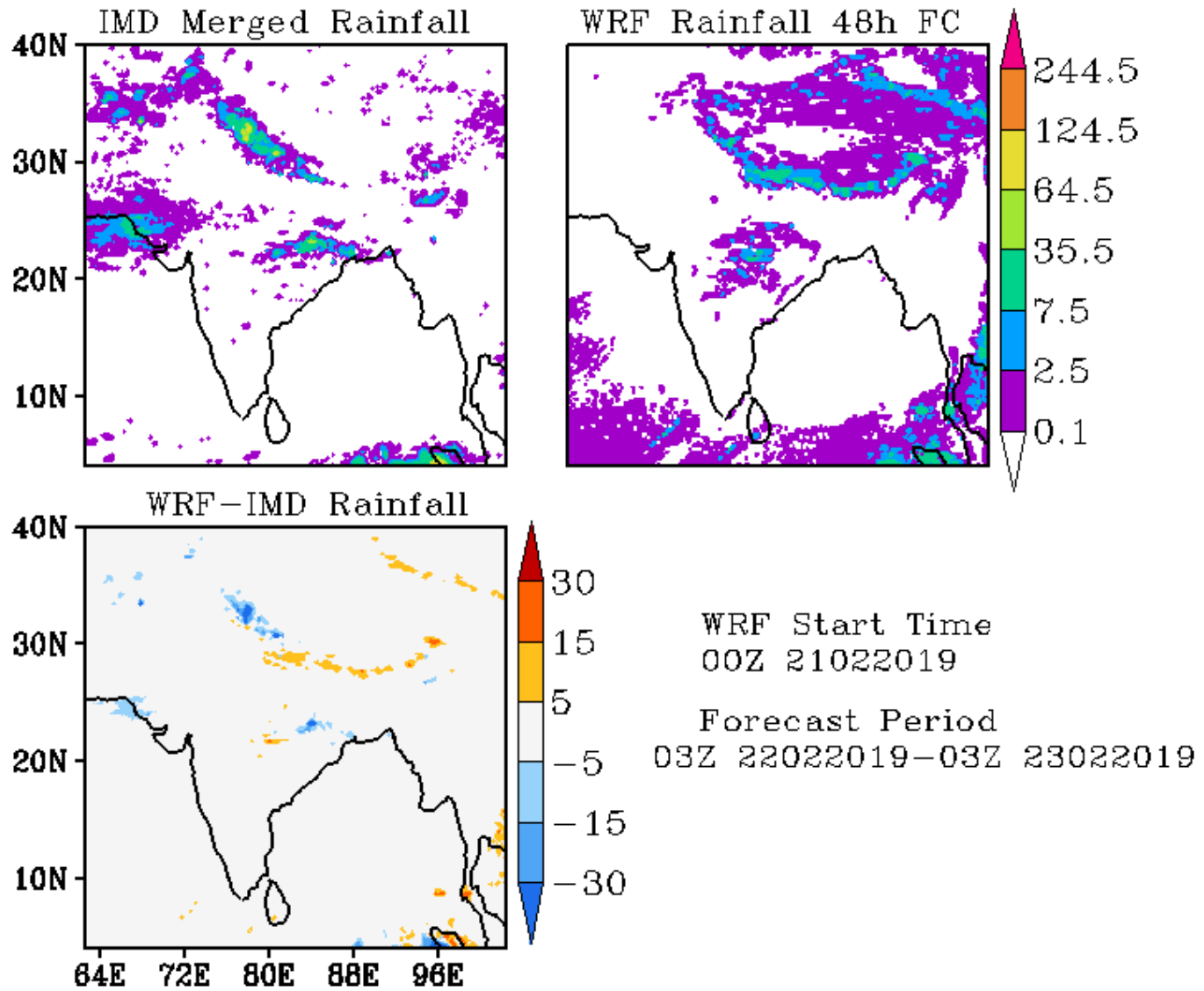
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

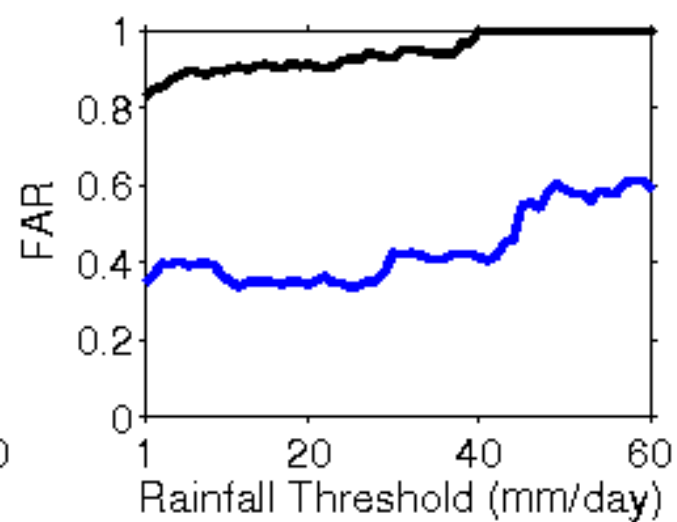
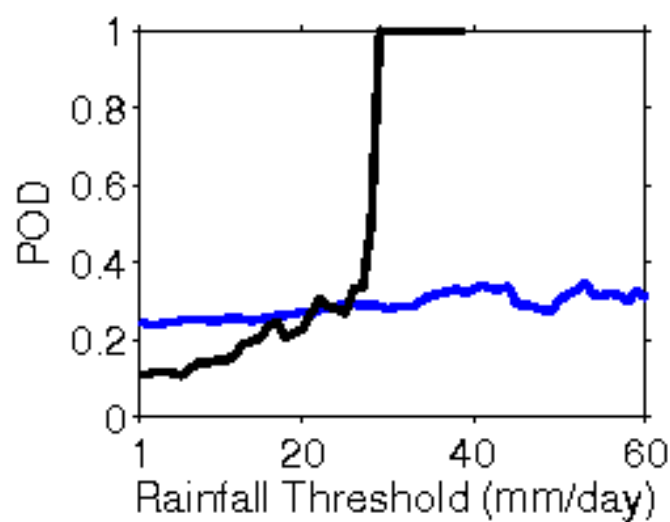
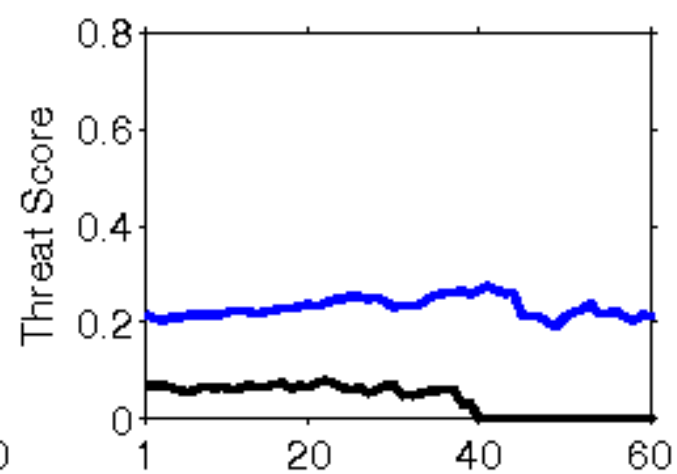
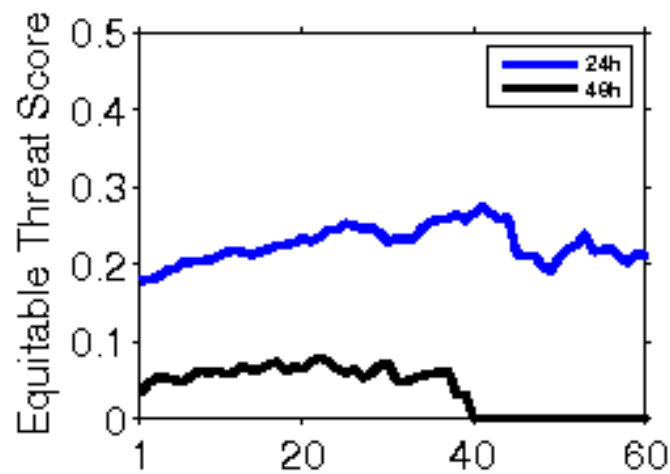
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.11(-0.58)	15.36(6.56)	3.25(1.39)
48 Hour	3.50(-0.54)	23.97(5.43)	3.28(1.65)
72 Hour	4.11(-0.34)	27.61(6.11)	2.77(1.66)



WRF Start Time
00Z 21022019

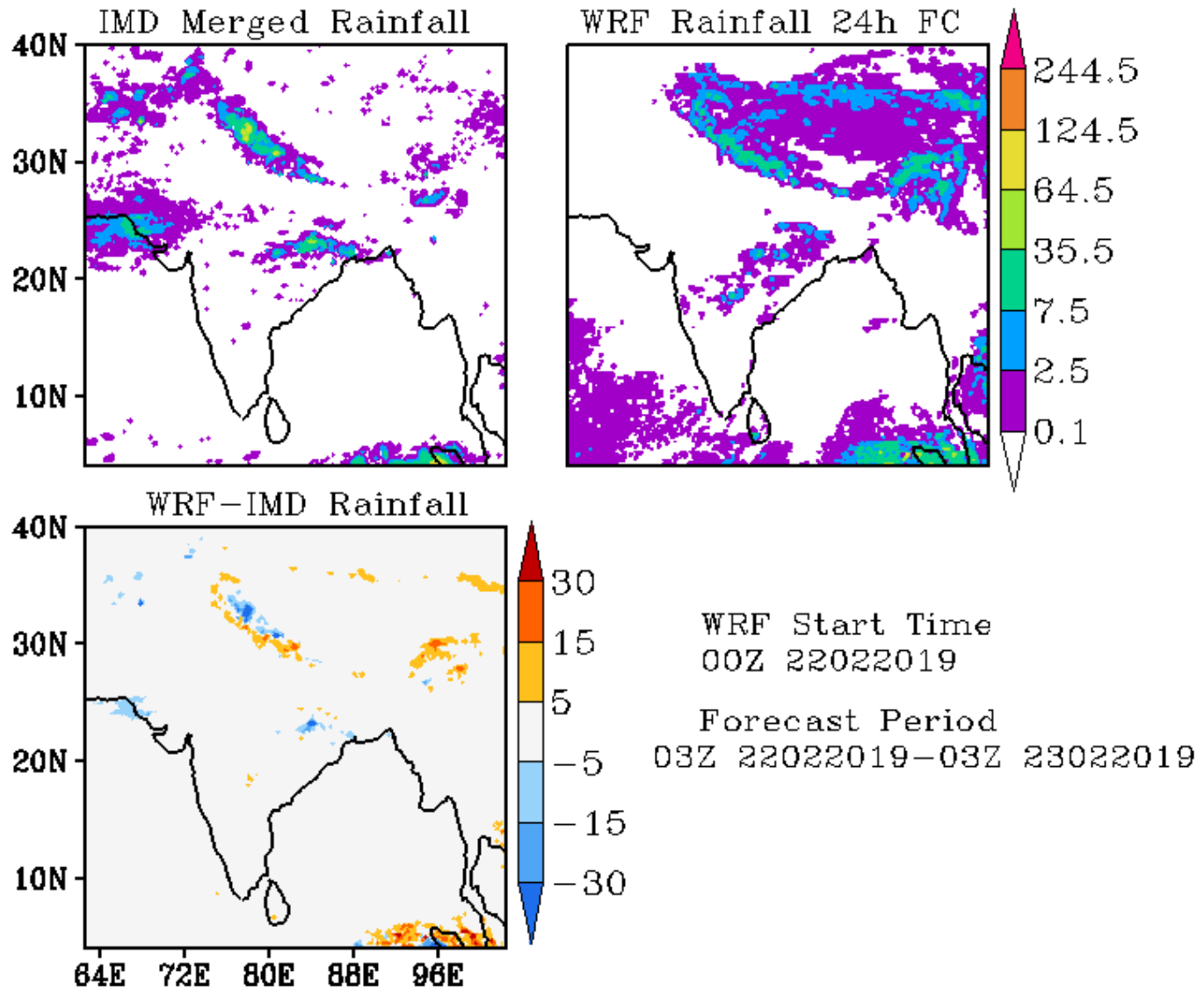
Forecast Period
03Z 21022019-03Z 22022019

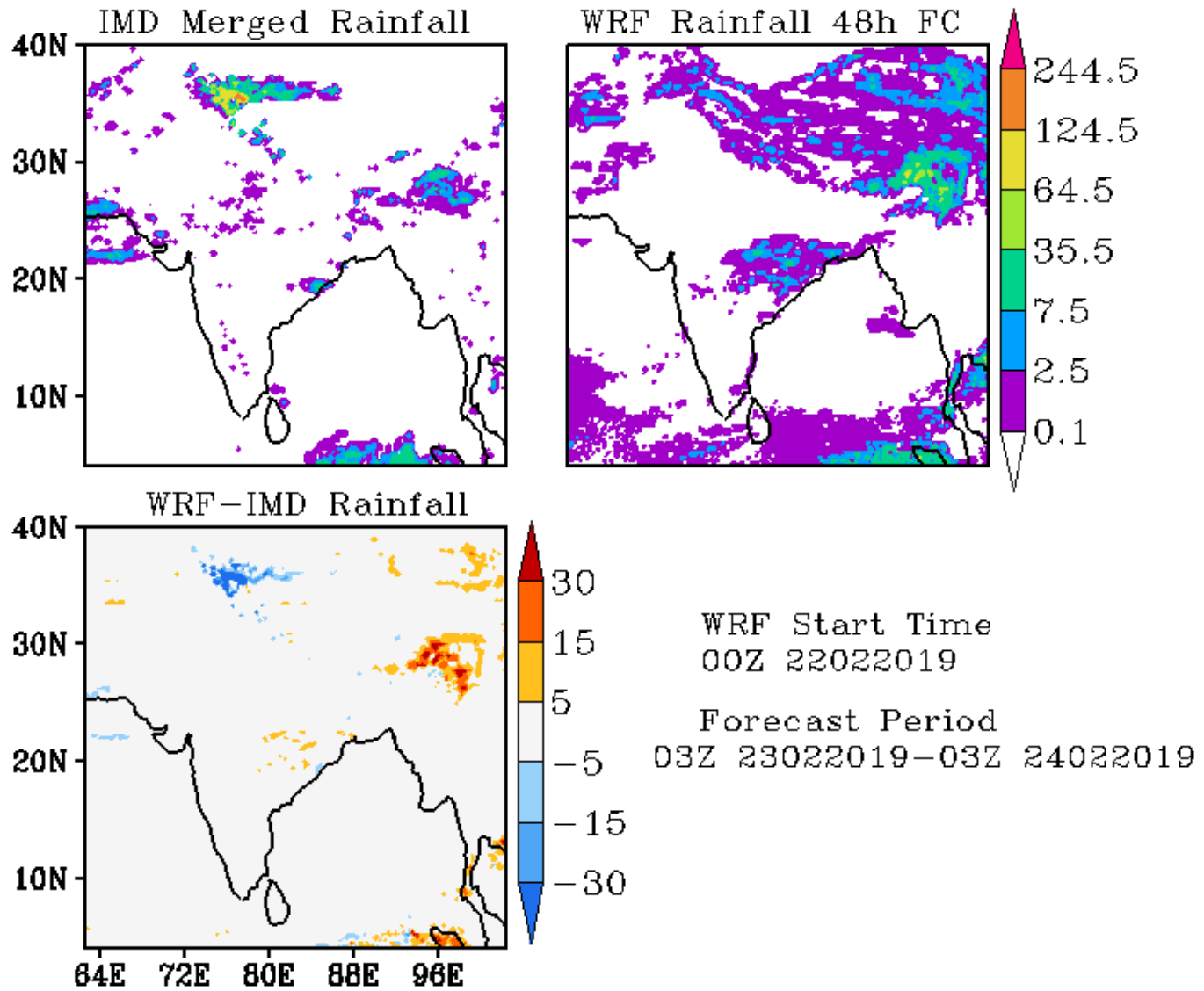


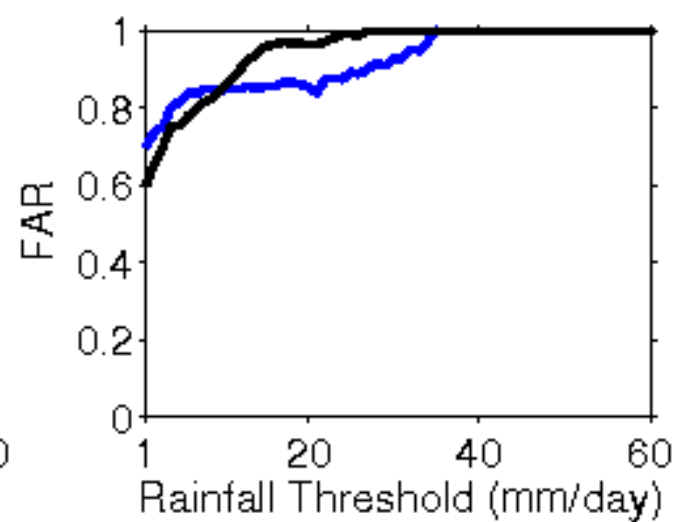
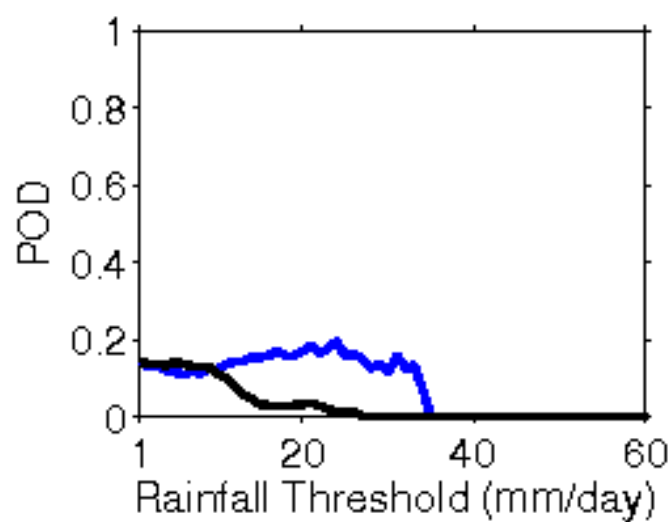
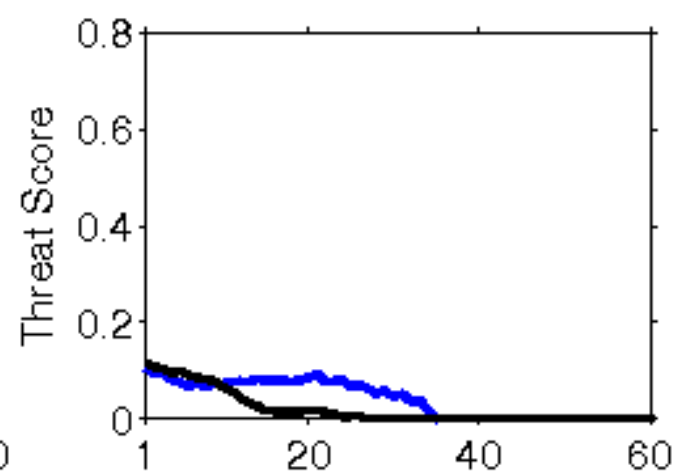
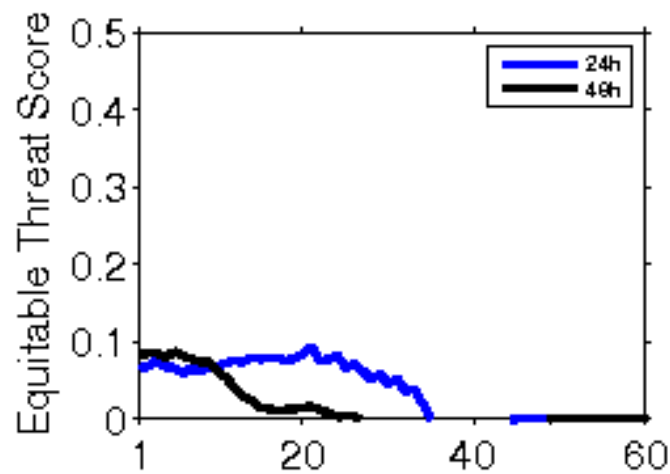


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.52(-1.09)	16.19(3.97)	2.79(1.18)
48 Hour	3.81(-0.69)	22.88(2.30)	2.50(1.47)
72 Hour	3.90(-0.85)	21.43(2.33)	2.49(1.47)

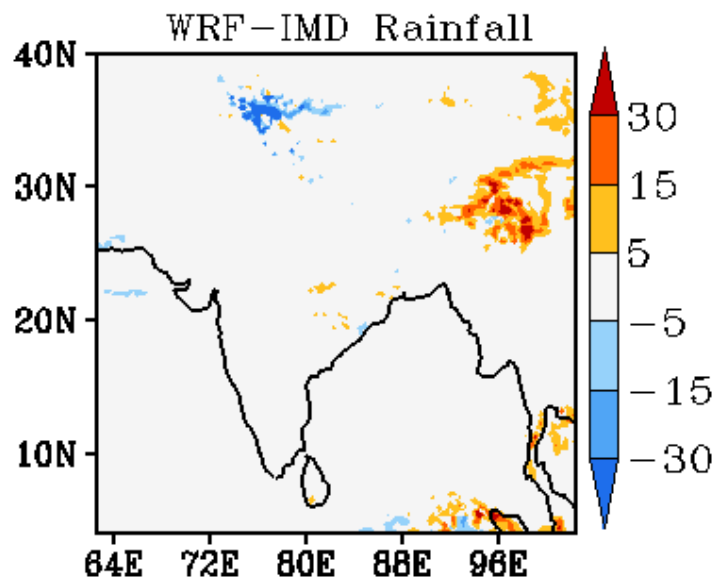
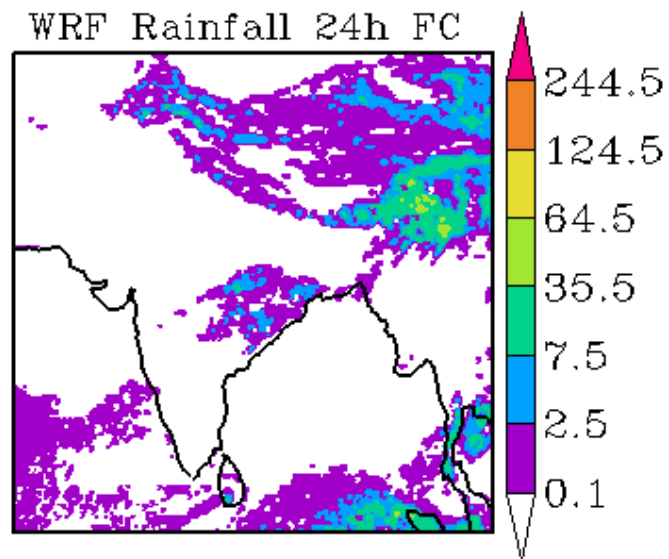
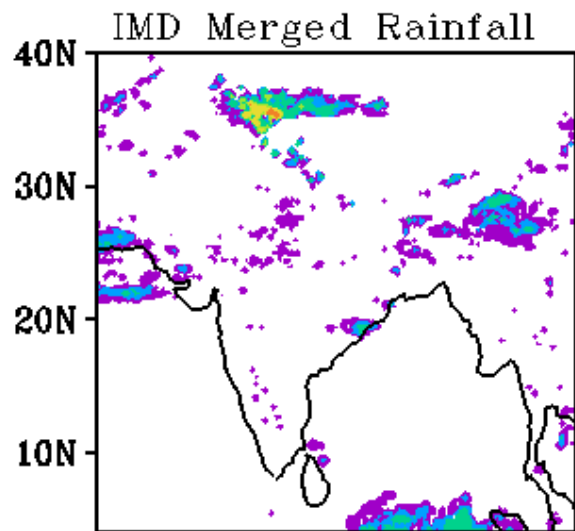






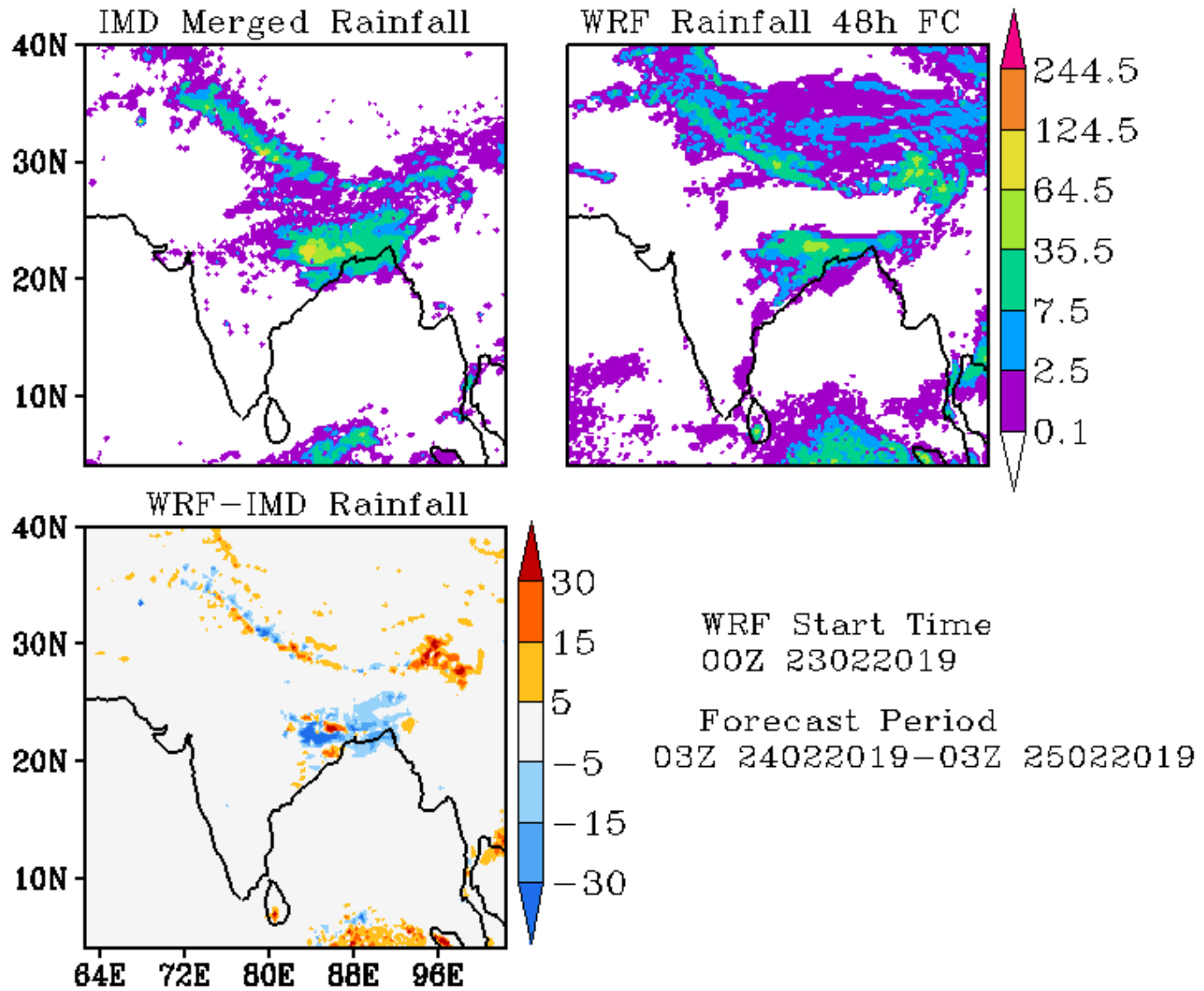
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

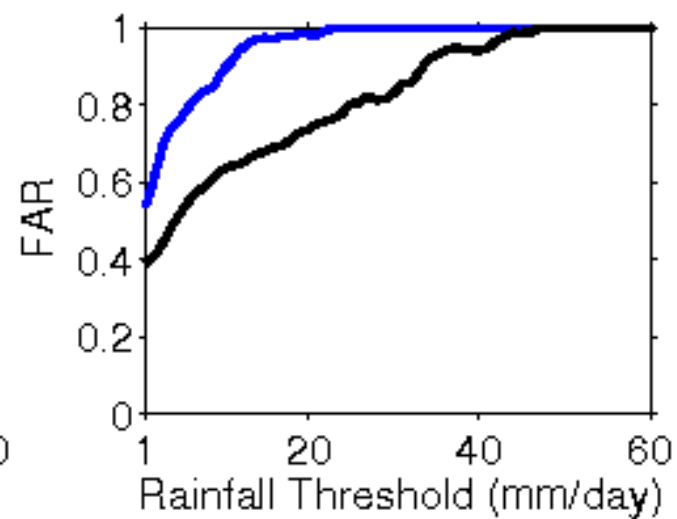
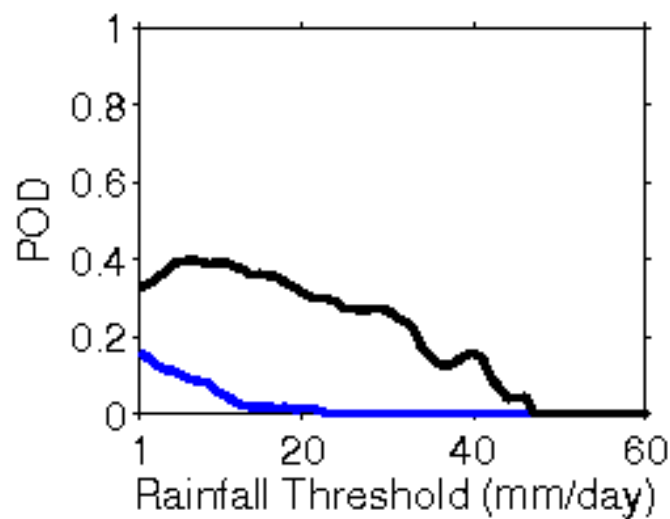
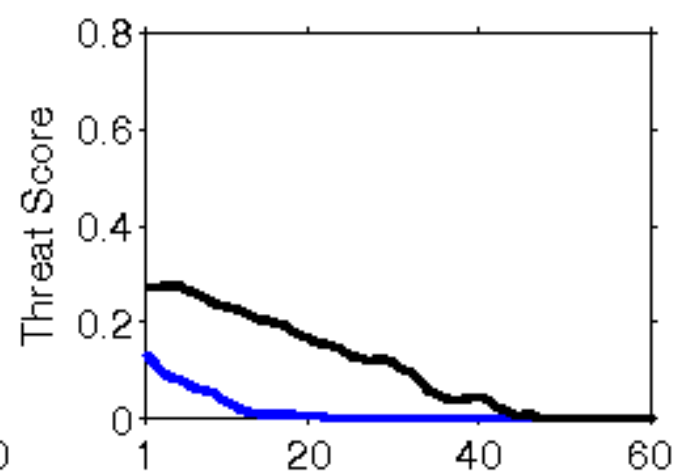
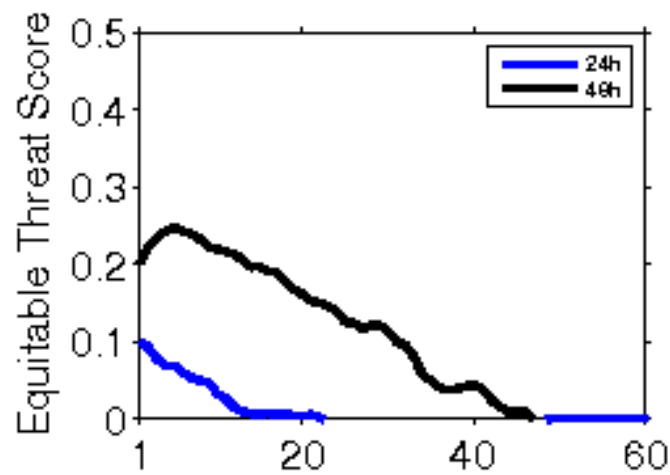
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.26(-1.14)	17.51(4.24)	2.08(0.90)
48 Hour	2.69(-0.94)	19.34(2.72)	2.26(1.05)
72 Hour	3.11(-0.64)	23.22(0.97)	2.60(1.16)



WRF Start Time
00Z 23022019

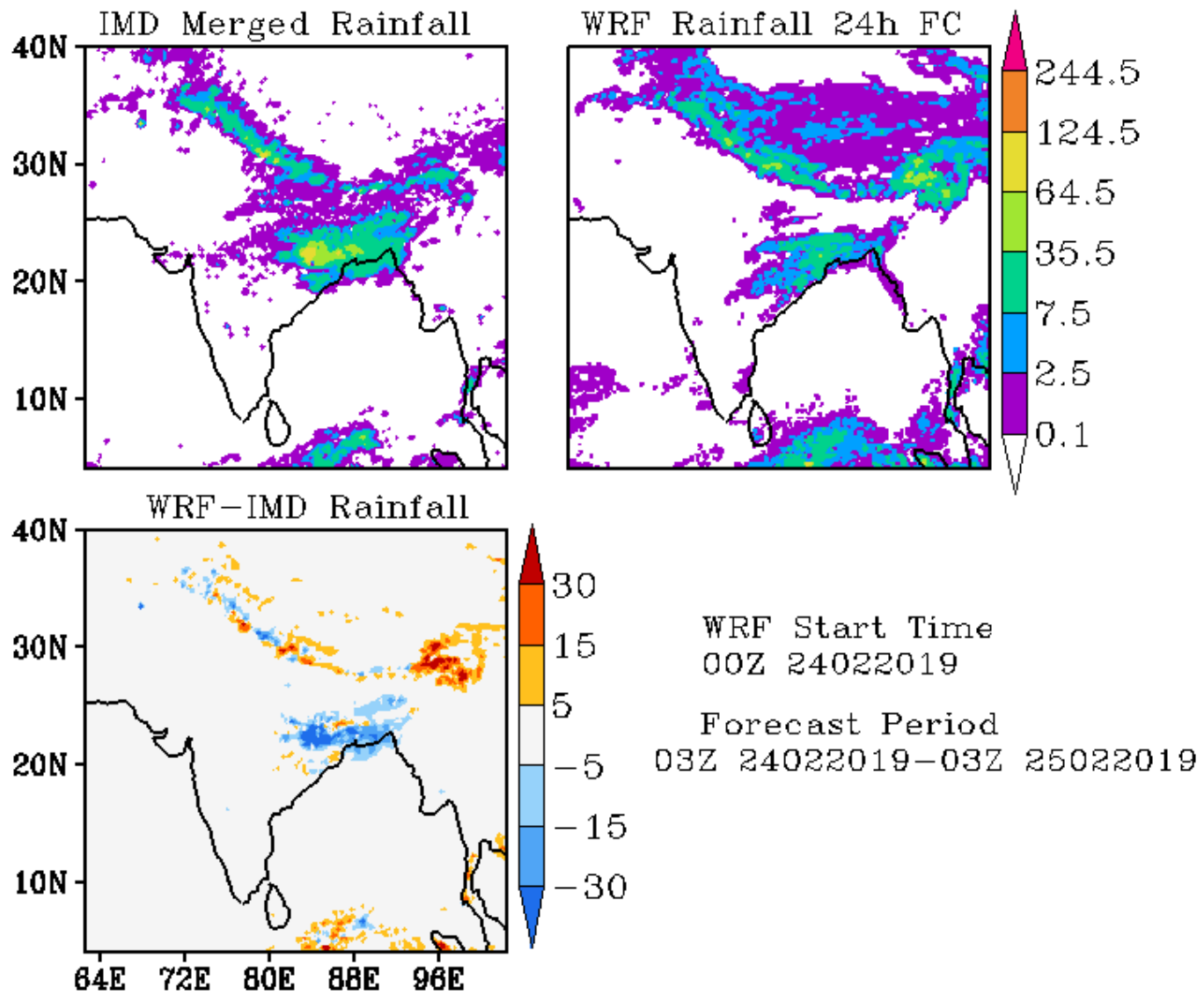
Forecast Period
03Z 23022019-03Z 24022019

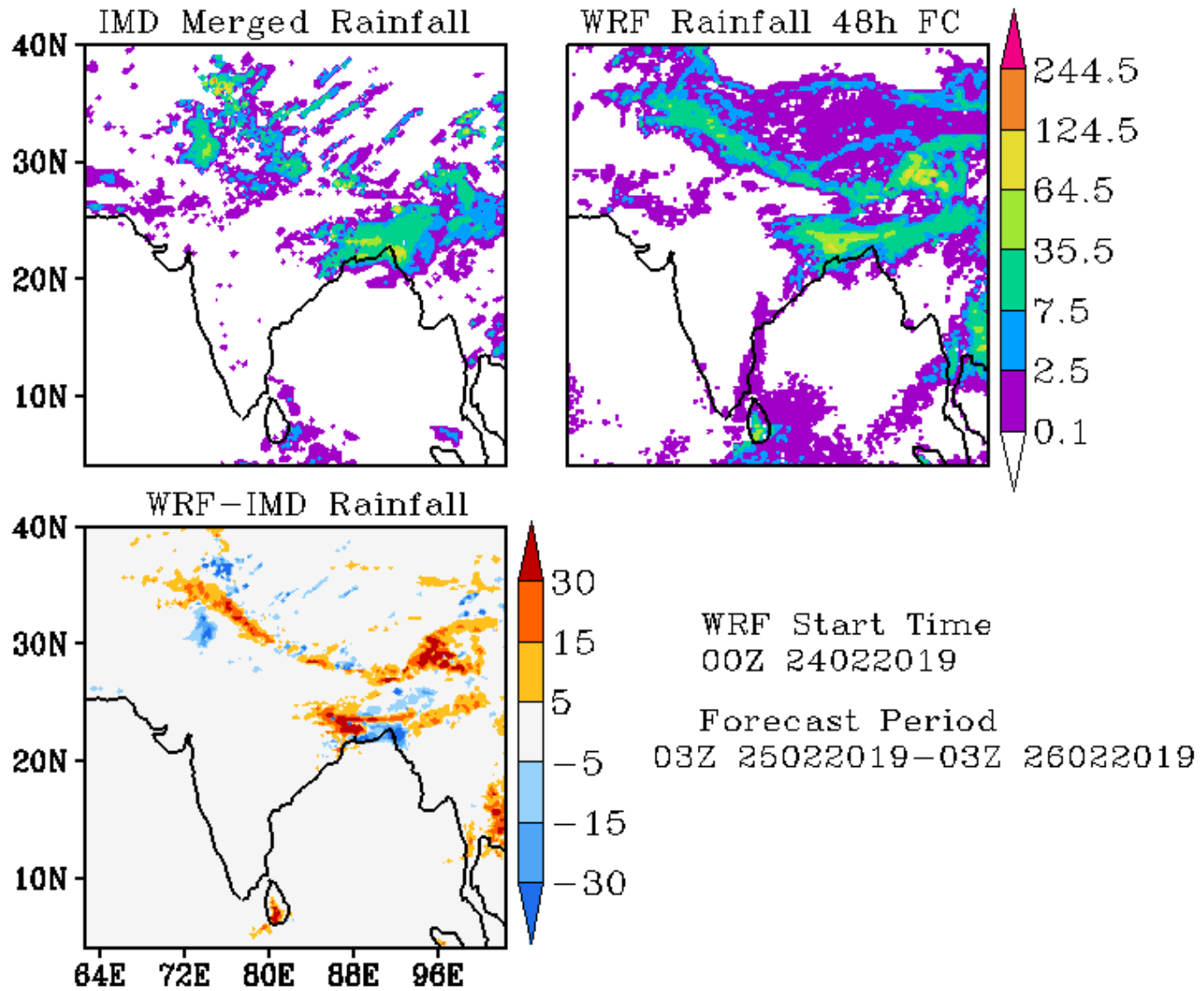


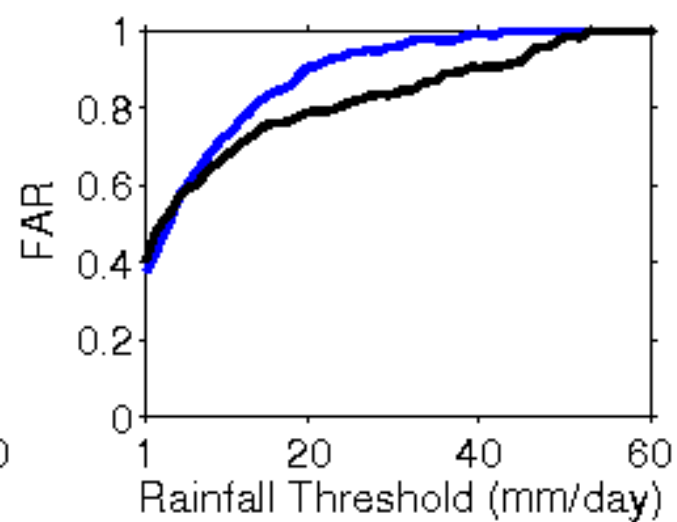
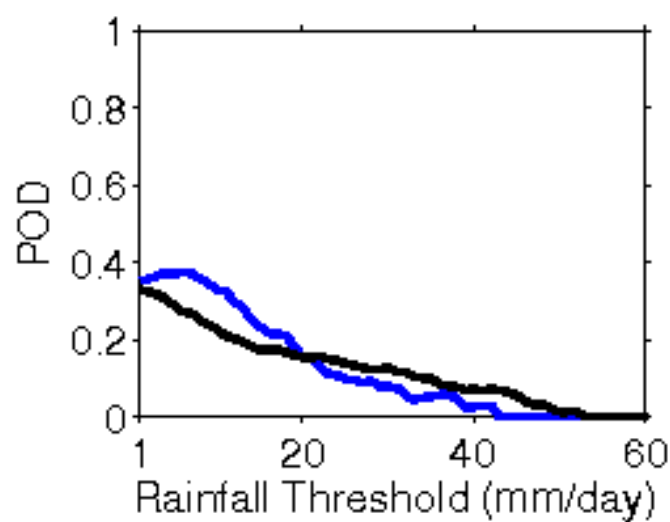
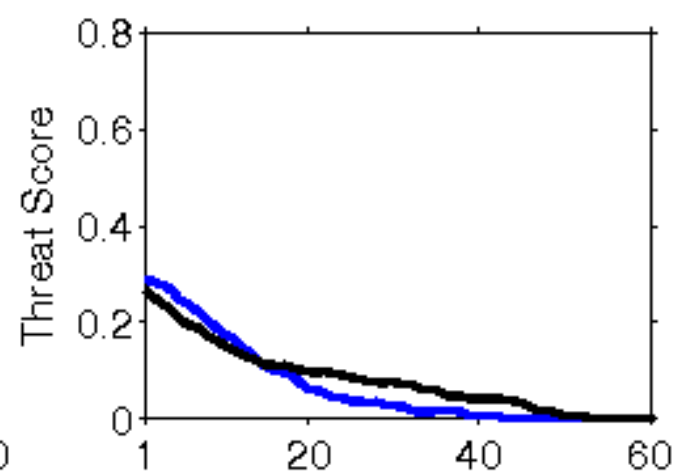
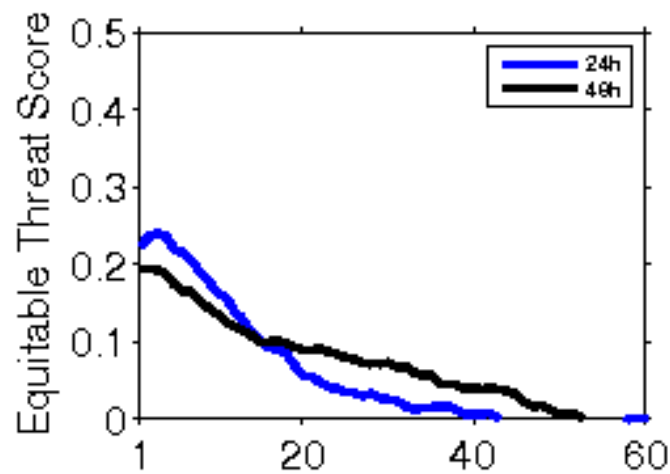


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.04(-0.96)	17.58(6.97)	2.17(1.09)
48 Hour	2.57(-0.86)	23.23(7.78)	2.60(1.03)
72 Hour	2.69(-0.71)	24.64(6.10)	2.92(1.11)

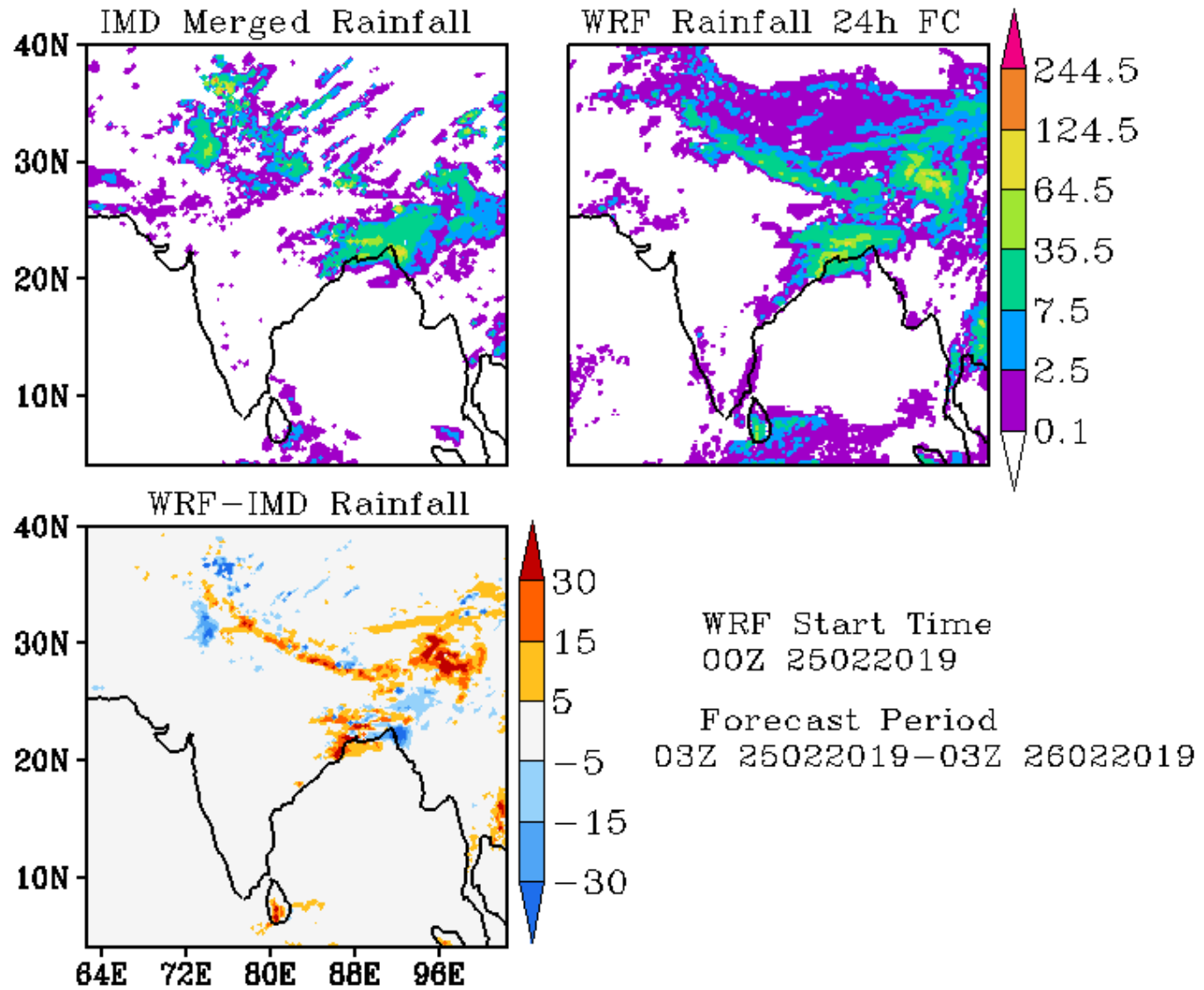


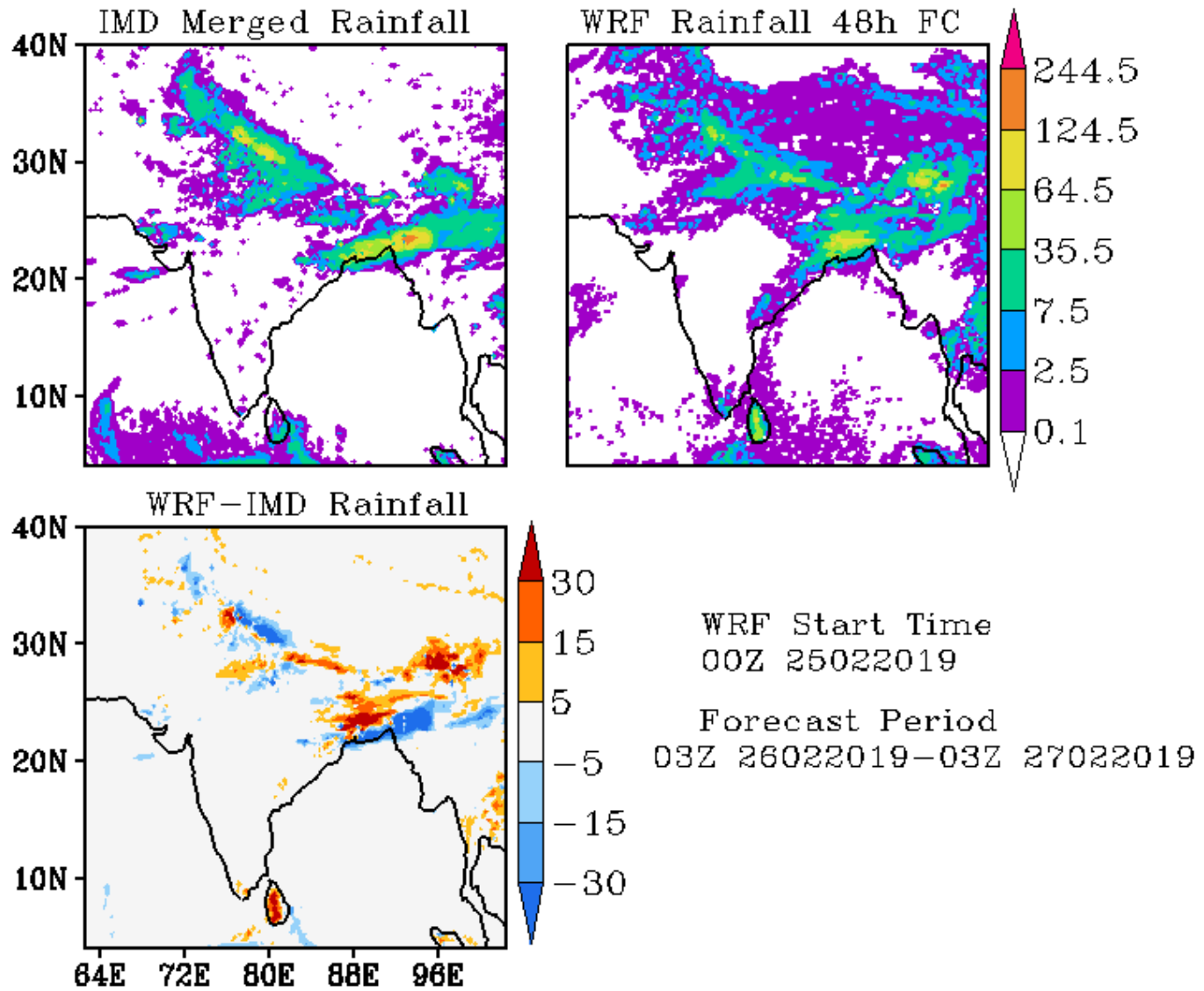


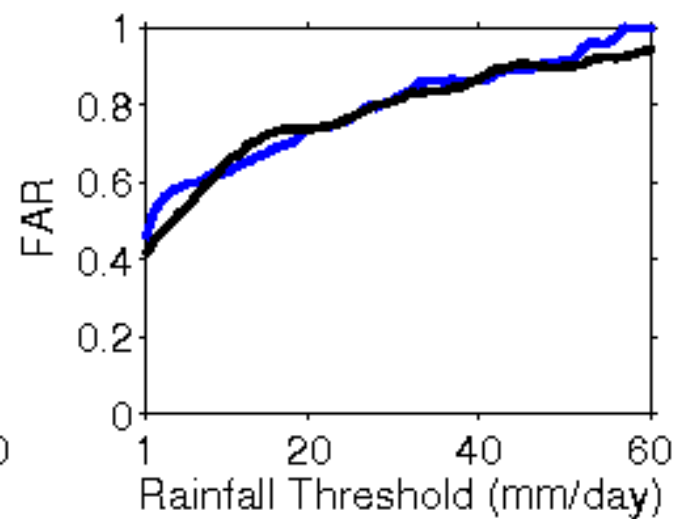
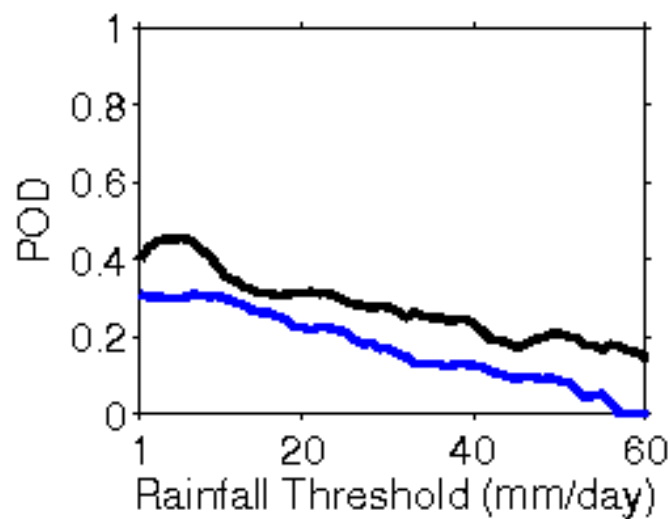
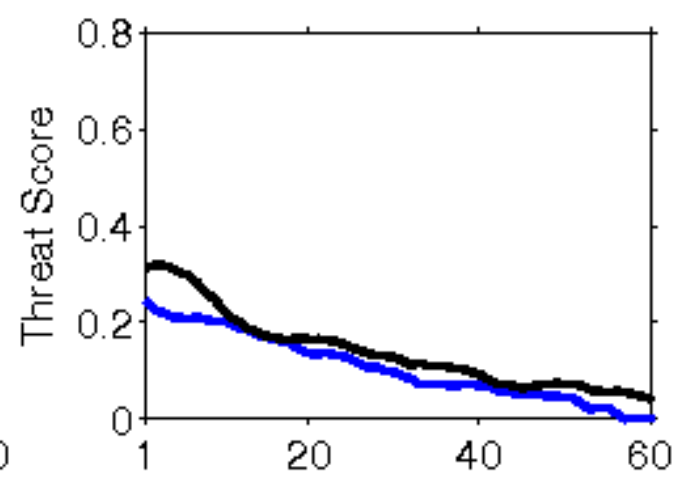
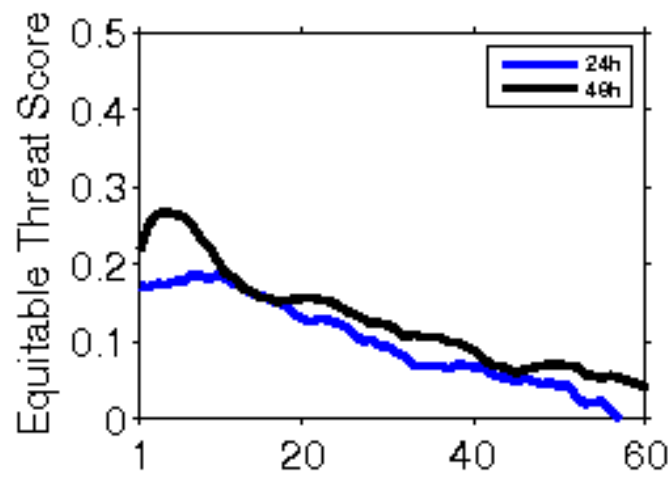


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.33(-1.07)	16.77(6.61)	2.31(1.11)
48 Hour	3.31(-0.98)	22.55(7.89)	2.84(1.32)
72 Hour	3.11(-1.06)	24.13(6.17)	3.66(1.41)

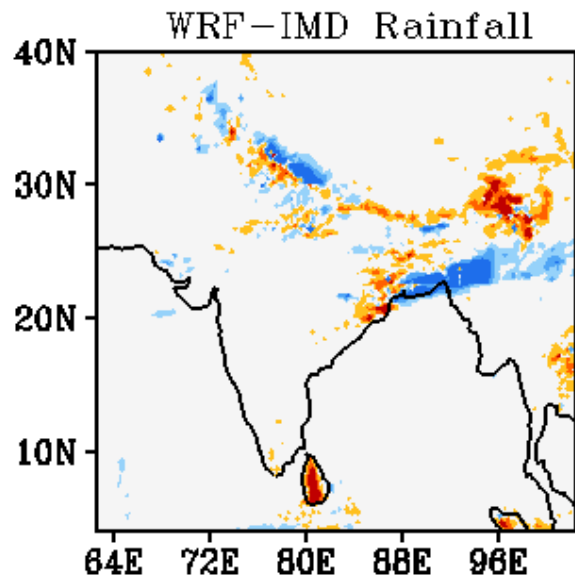
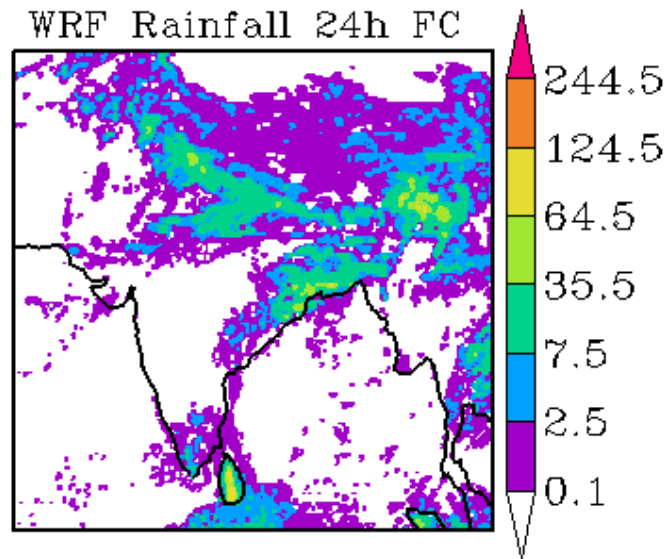
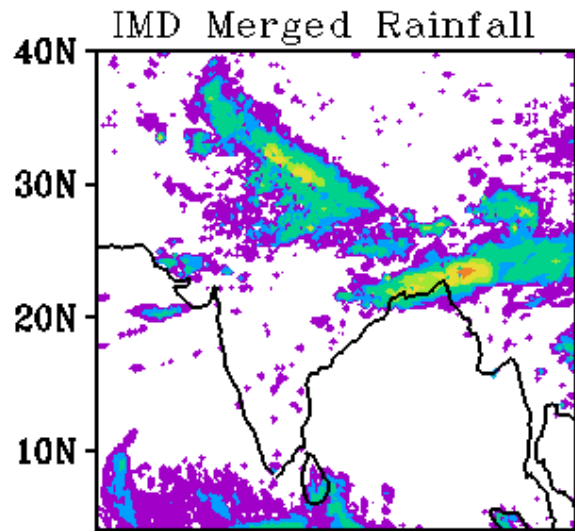






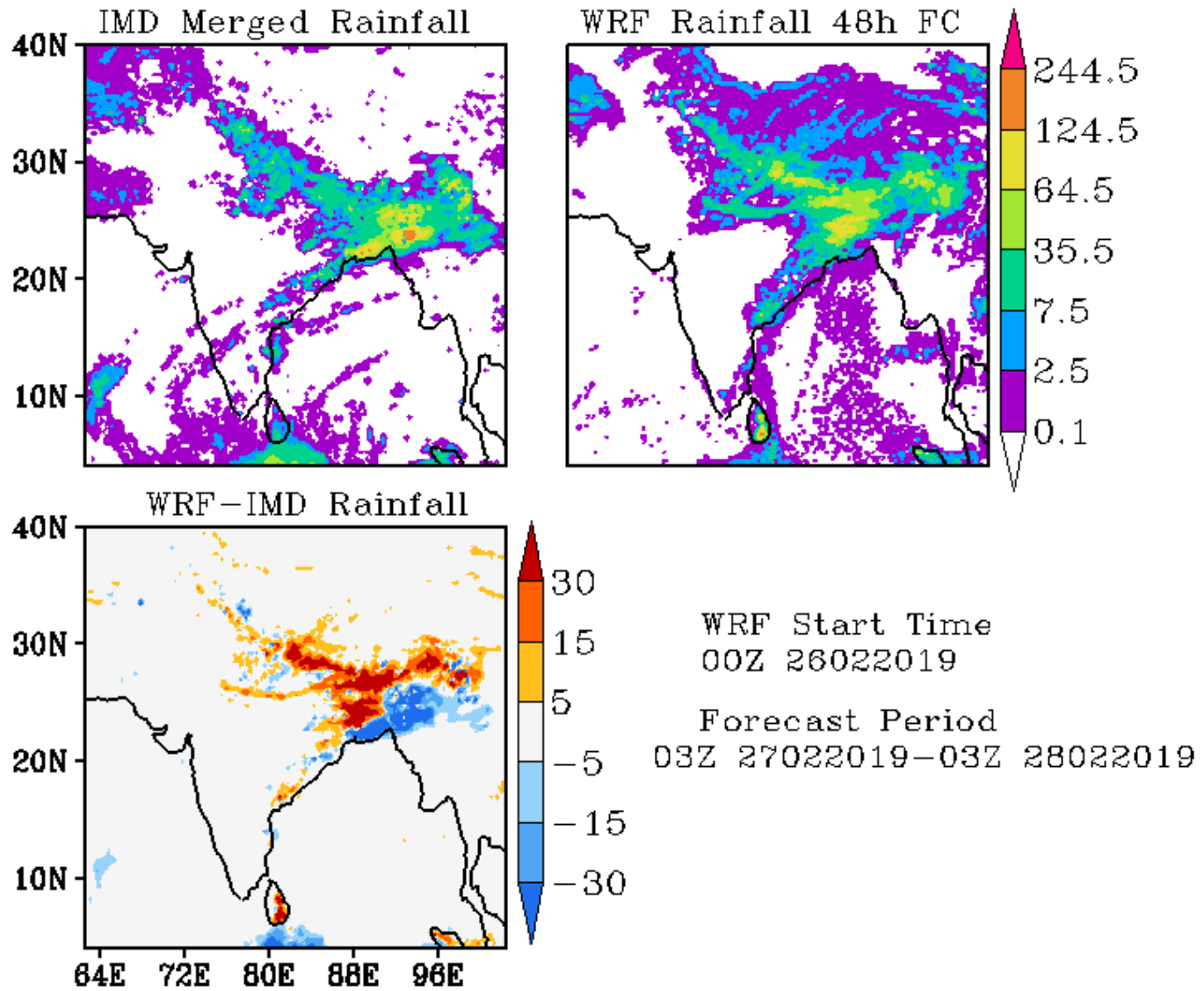
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

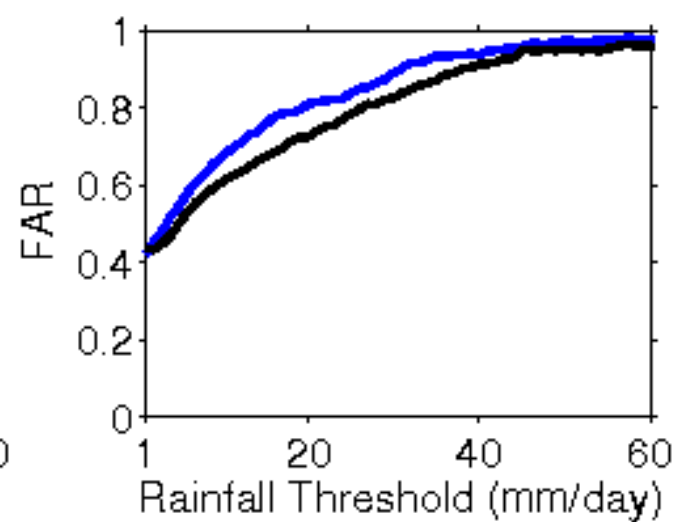
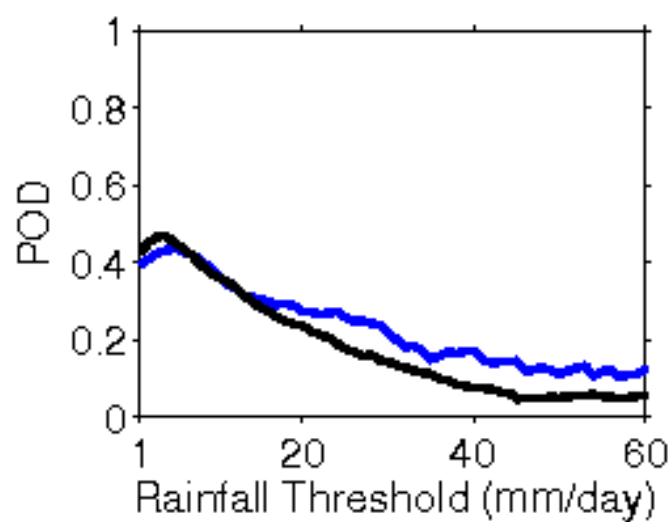
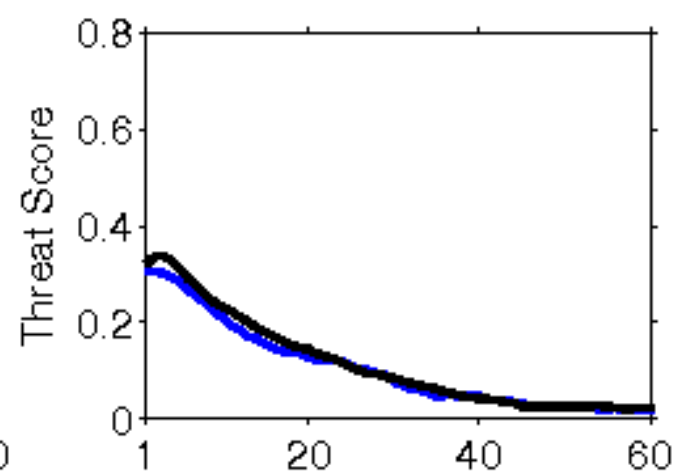
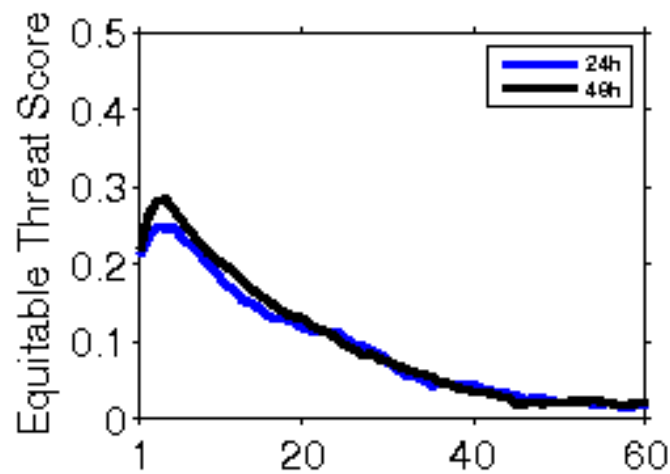
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.46(-1.07)	17.88(5.24)	2.32(1.11)
48 Hour	2.91(-0.92)	21.47(7.39)	2.68(1.26)
72 Hour	3.62(-0.61)	21.45(8.78)	3.21(1.37)



WRF Start Time
00Z 26022019

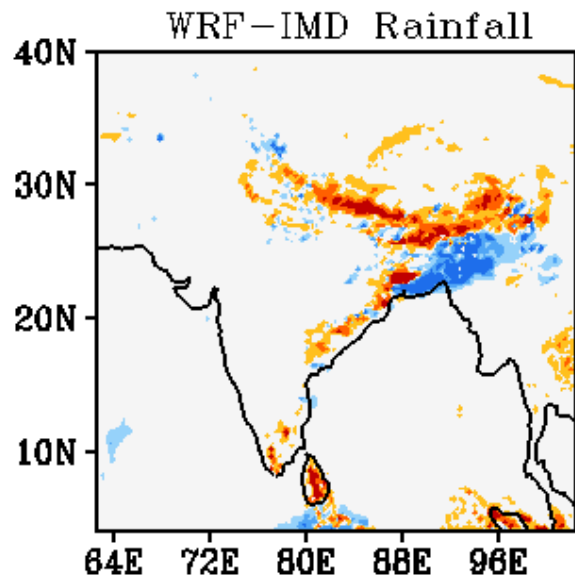
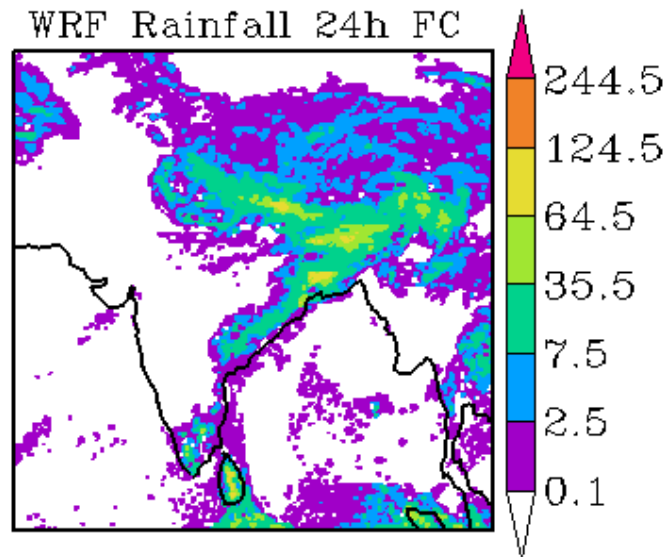
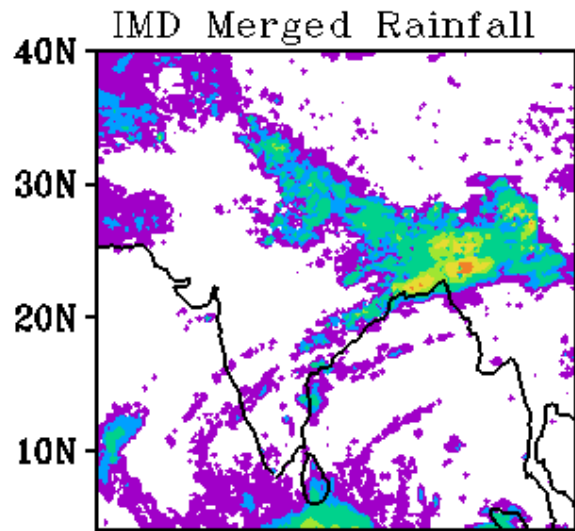
Forecast Period
03Z 26022019-03Z 27022019





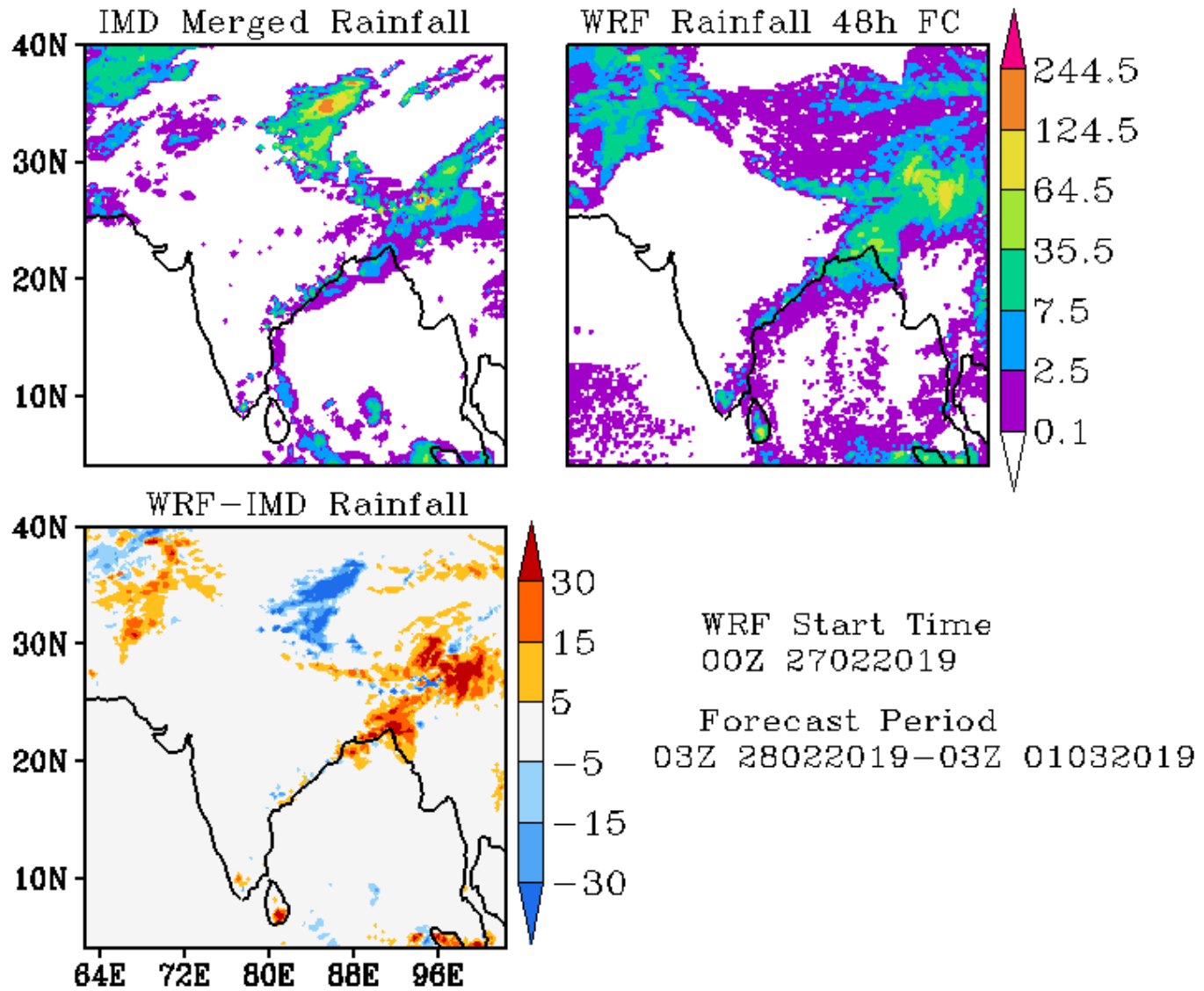
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-02-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

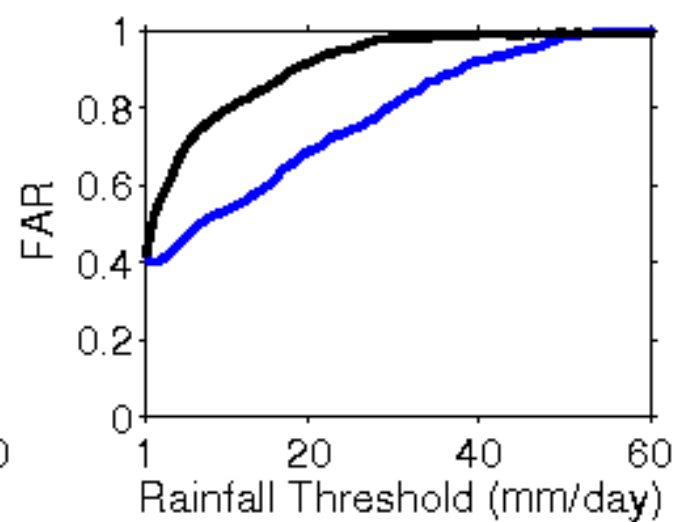
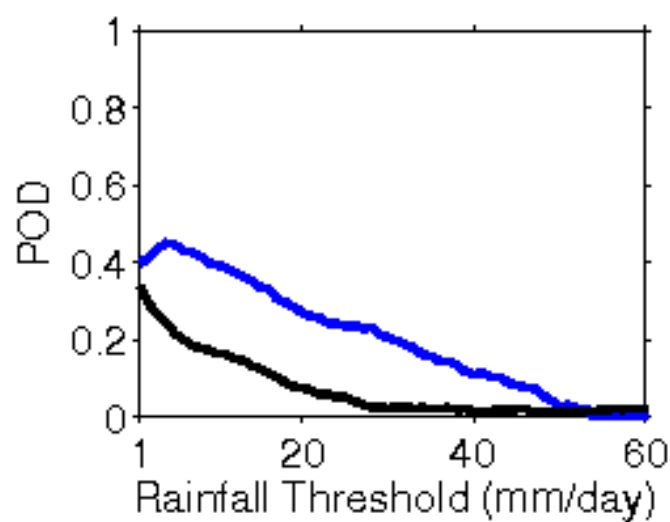
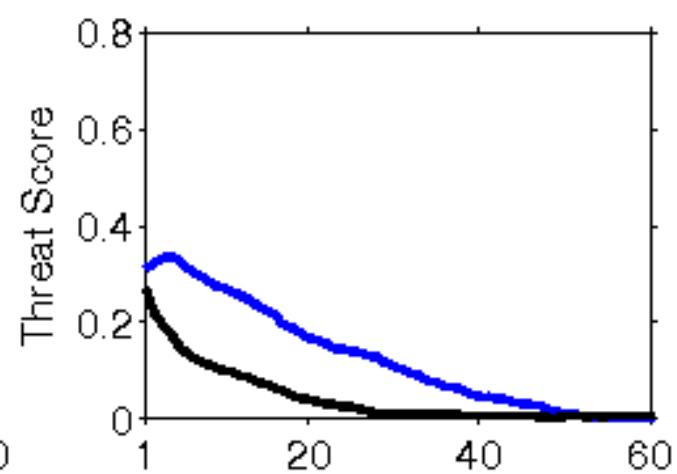
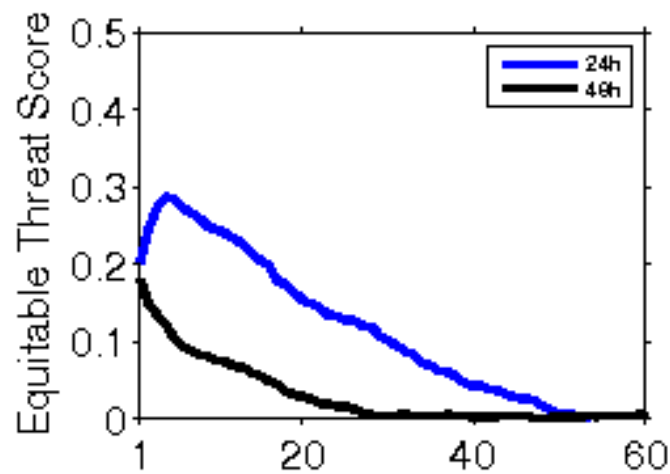
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.17(-0.93)	16.82(6.24)	2.30(1.07)
48 Hour	3.21(-0.92)	21.18(5.81)	2.73(1.52)
72 Hour	3.76(-0.28)	23.99(5.93)	3.07(1.99)



WRF Start Time
00Z 27022019

Forecast Period
03Z 27022019-03Z 28022019





**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-02-19
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	2.54(-1.33)	17.45(4.16)	2.47(1.16)
48 Hour	3.73(-1.12)	24.11(5.40)	2.84(1.17)
72 Hour	4.42(-1.05)	25.97(3.47)	3.64(1.72)

