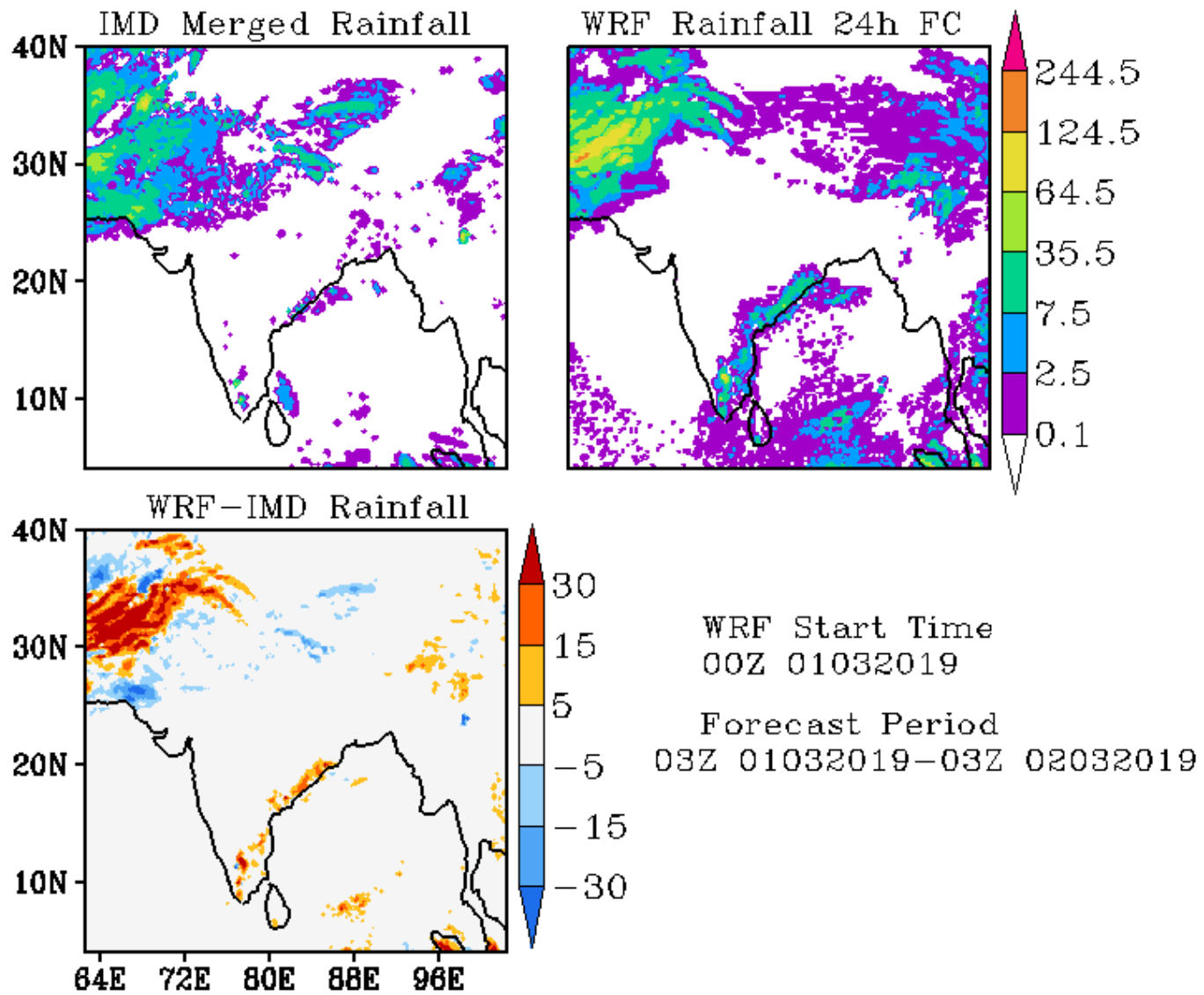
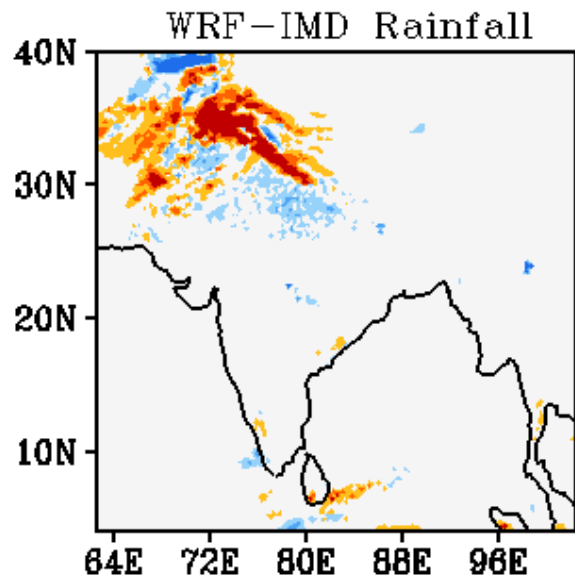
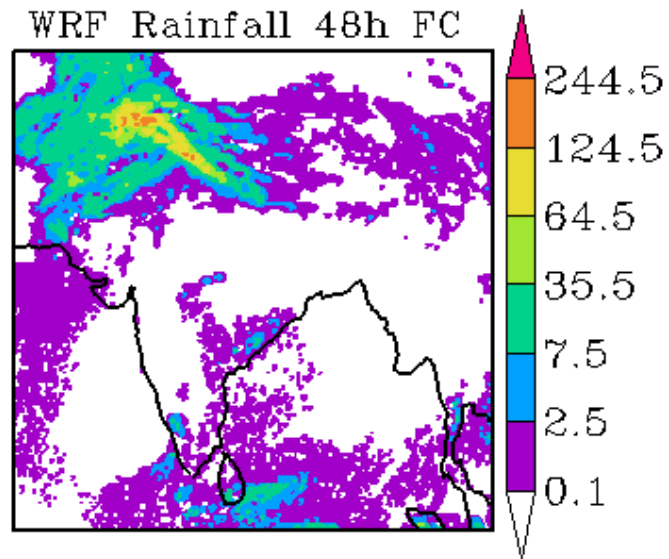
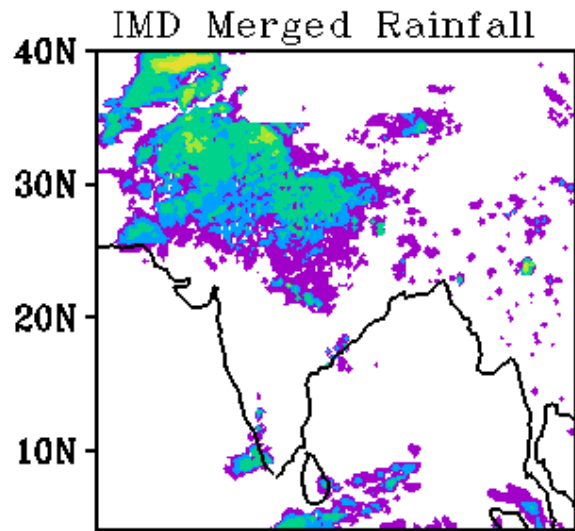


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

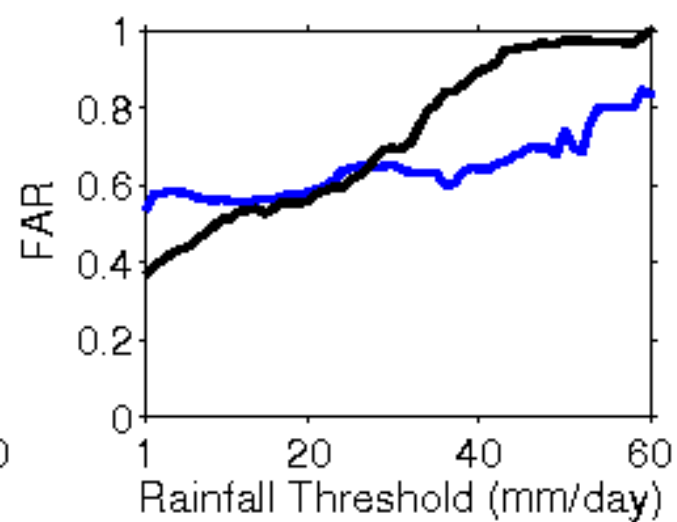
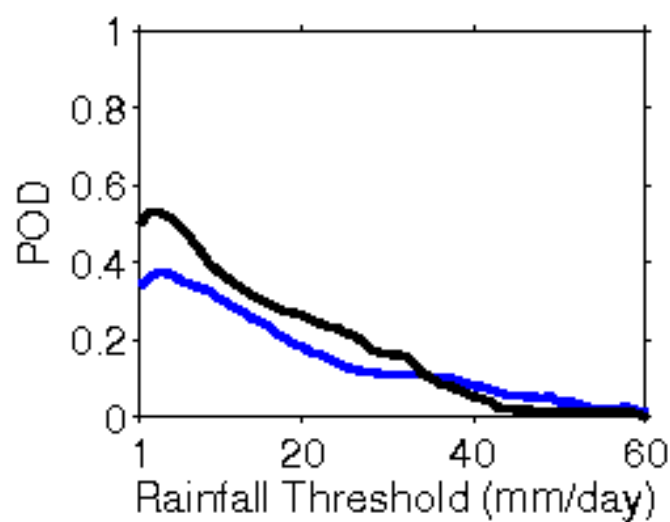
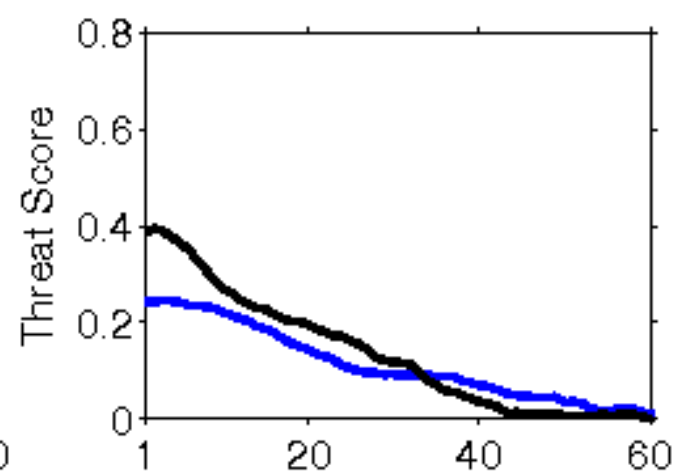
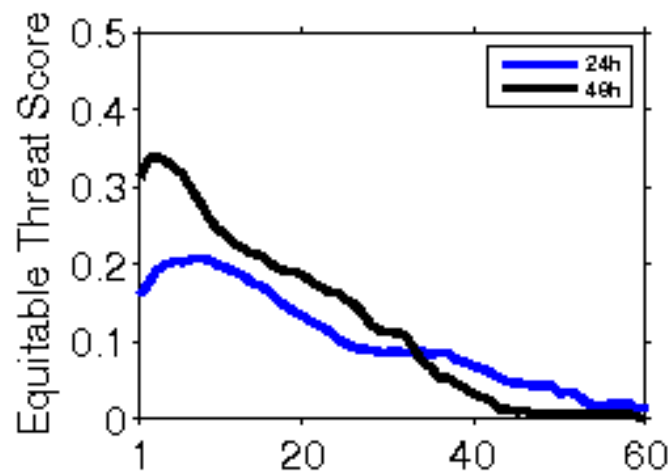
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.15(-1.03)	16.24(6.49)	2.36(1.06)
48 Hour	3.71(-1.22)	22.18(4.72)	3.37(1.16)
72 Hour	5.37(-1.03)	26.54(5.10)	3.40(1.33)





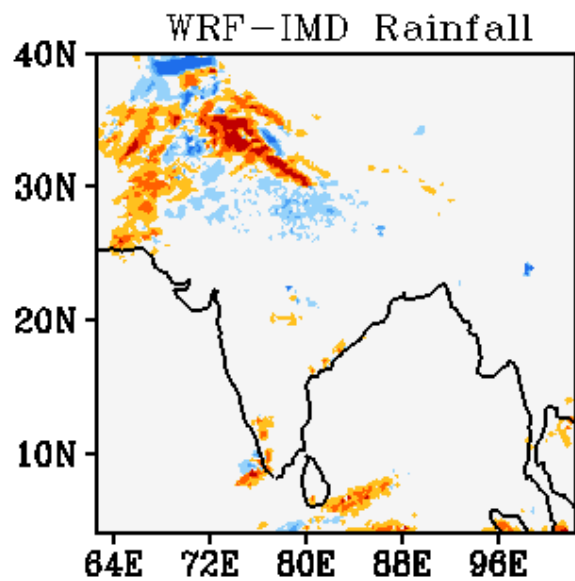
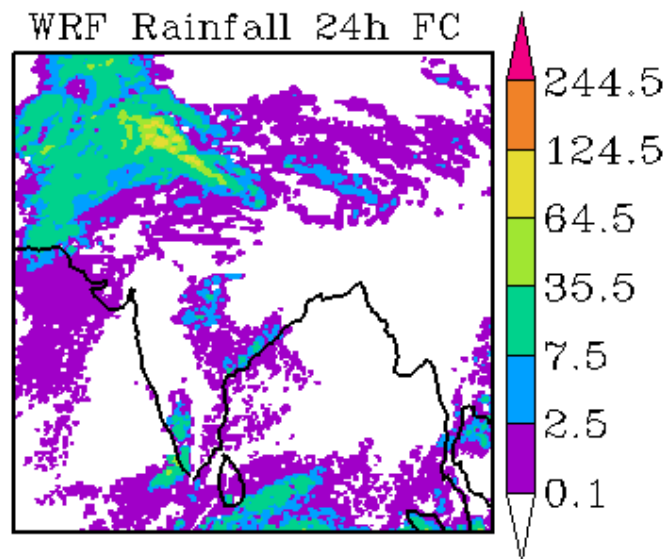
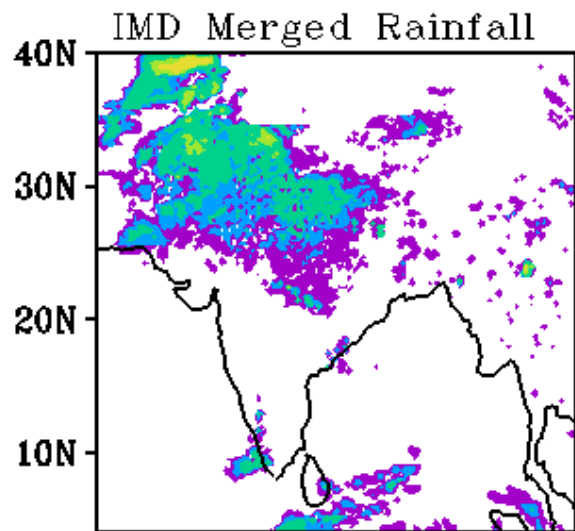
WRF Start Time
00Z 01032019

Forecast Period
03Z 02032019-03Z 03032019



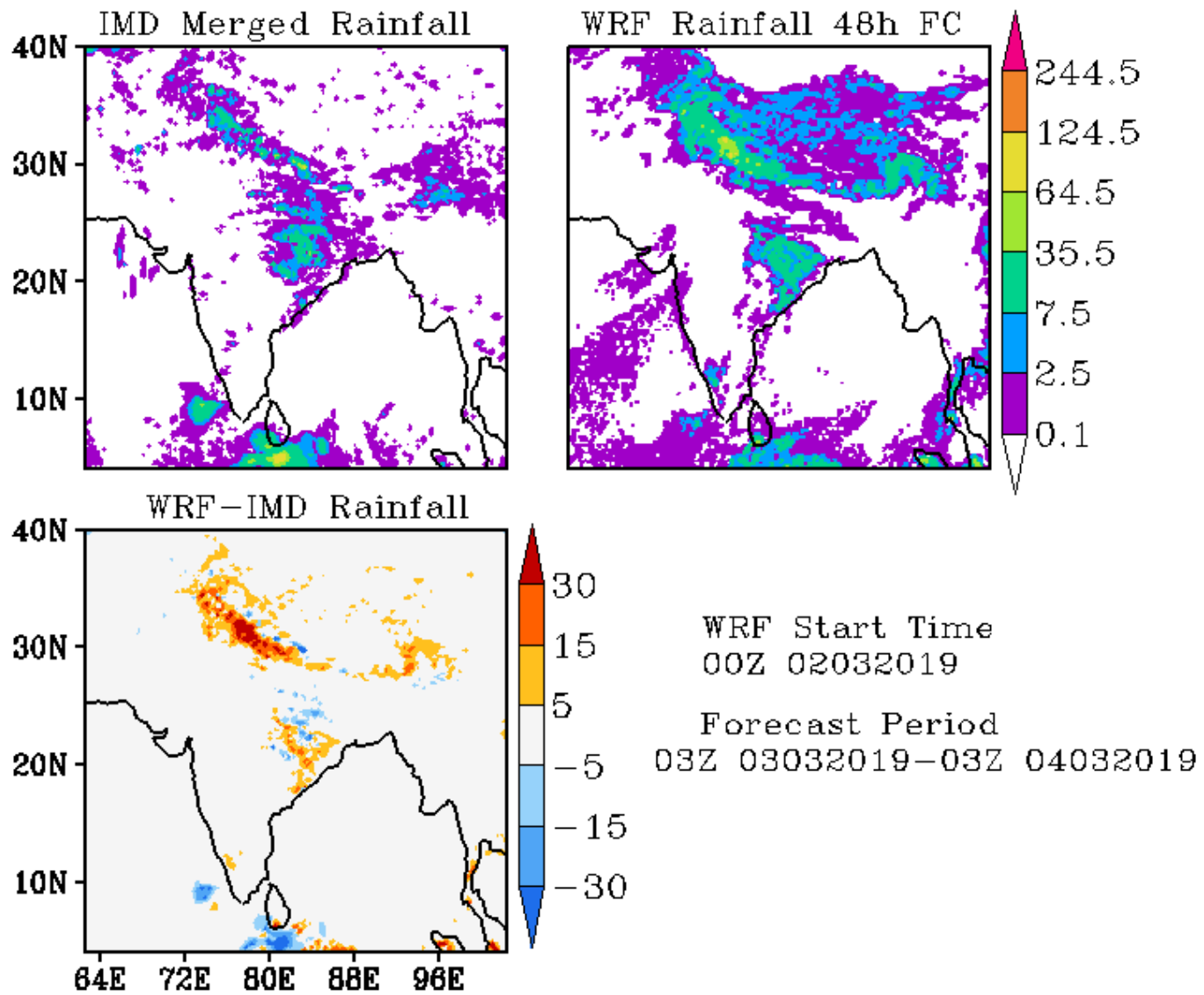
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

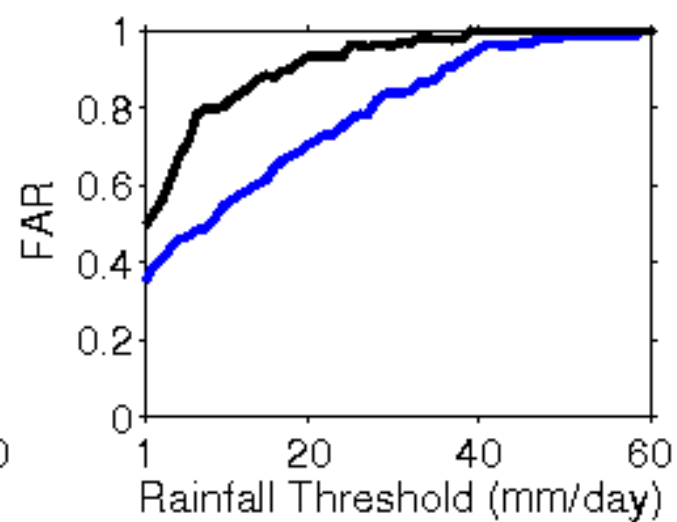
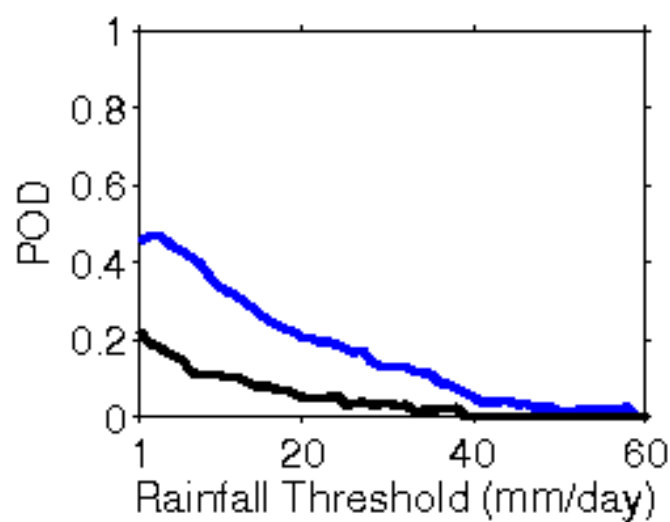
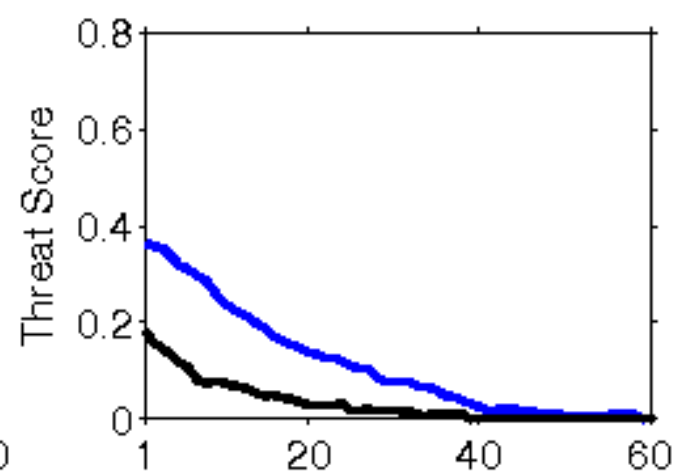
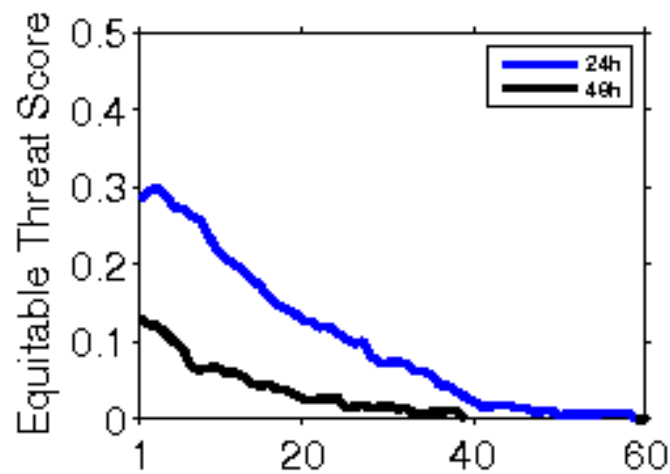
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.87(-0.41)	16.07(5.43)	2.51(1.03)
48 Hour	3.46(-0.27)	22.39(6.53)	3.02(1.19)
72 Hour	4.06(-0.65)	27.12(4.67)	2.99(1.10)



WRF Start Time
00Z 02032019

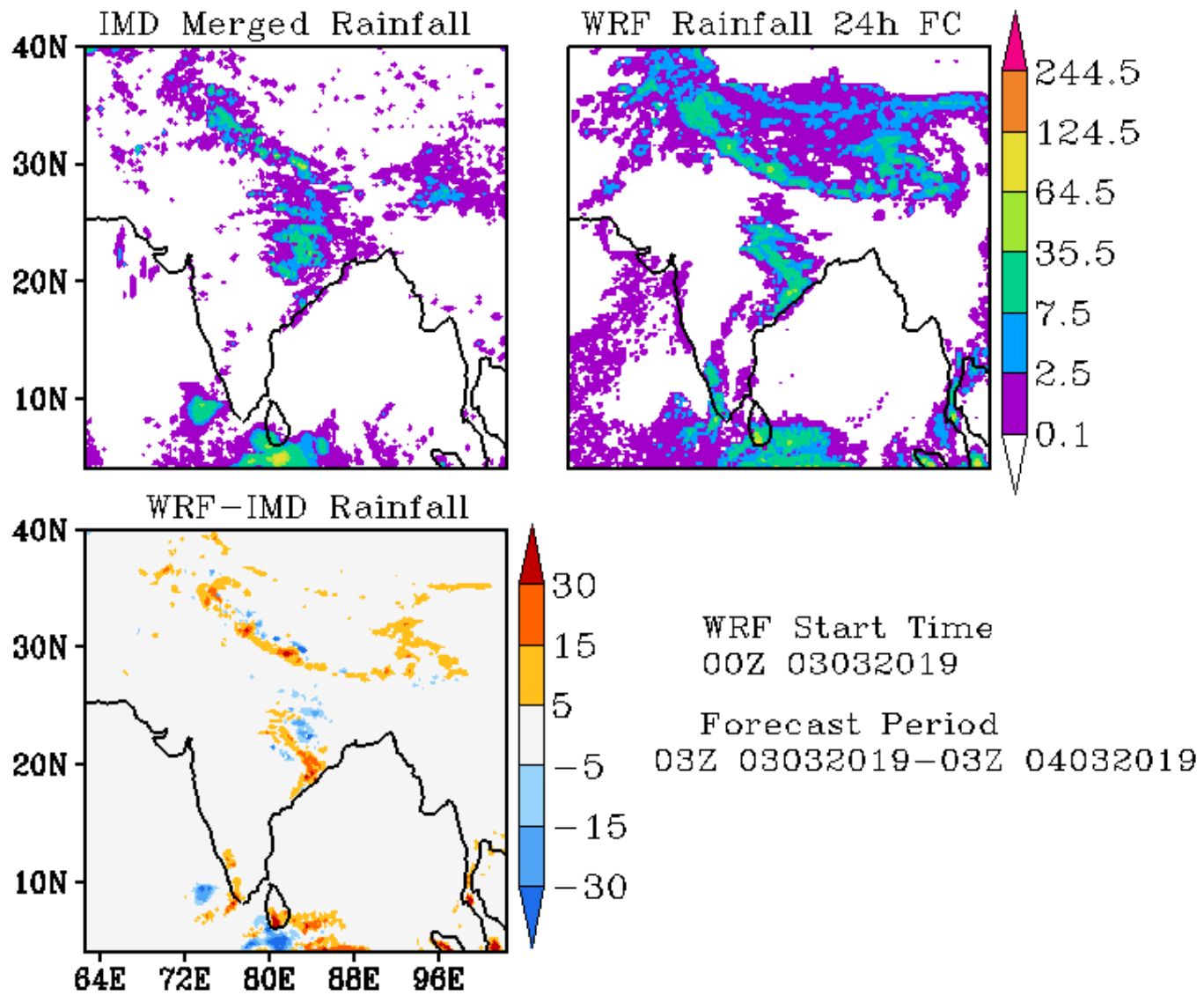
Forecast Period
03Z 02032019-03Z 03032019

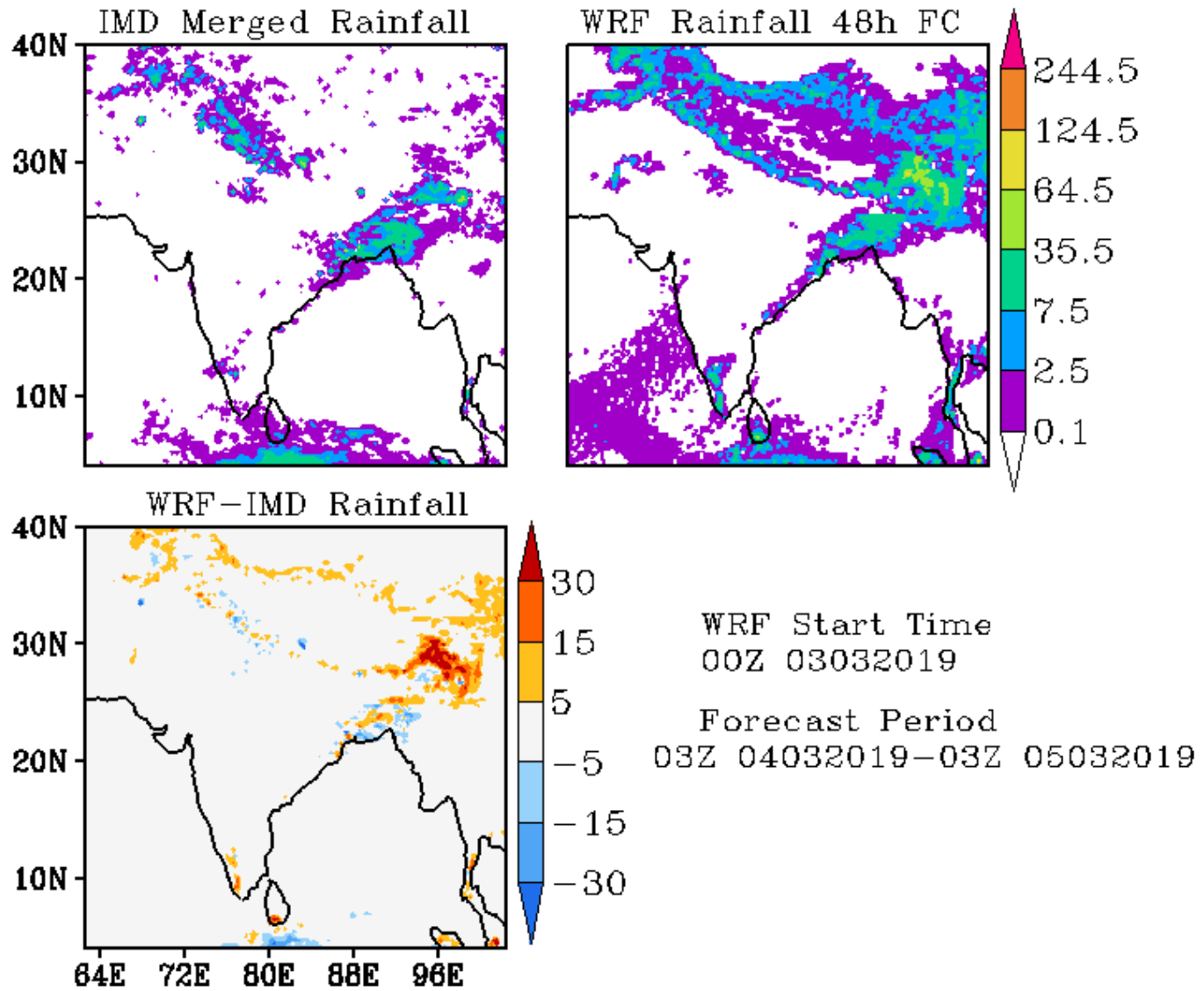


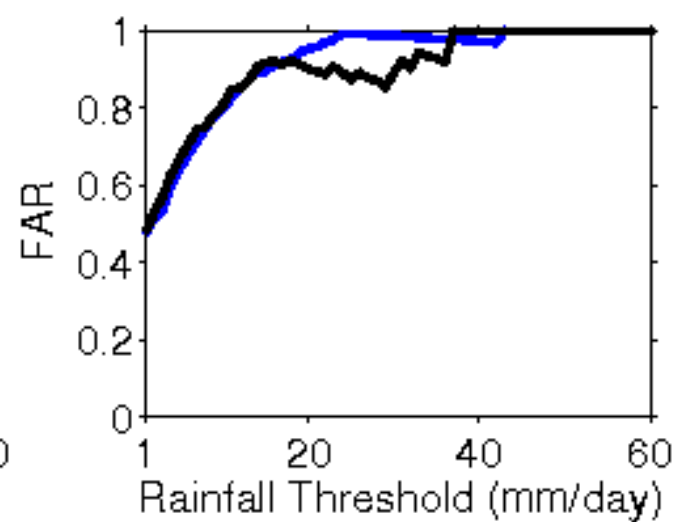
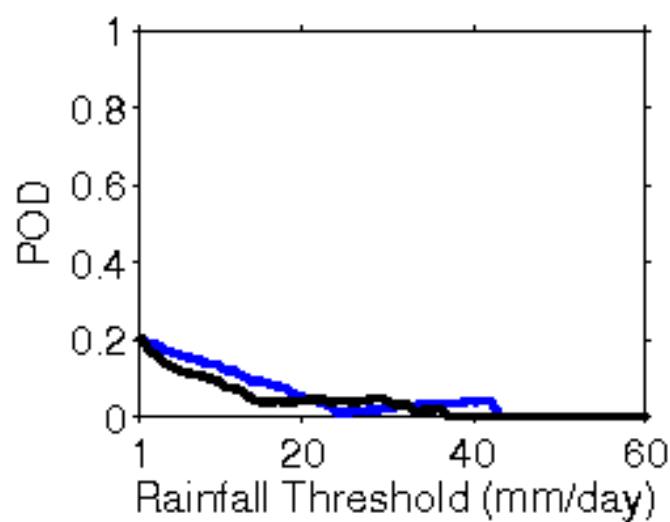
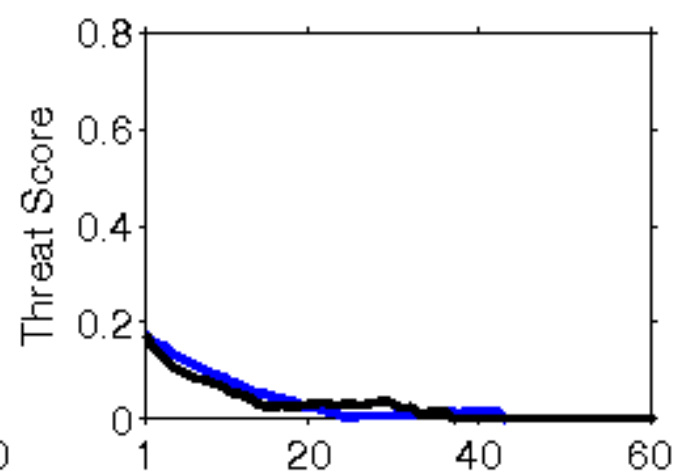
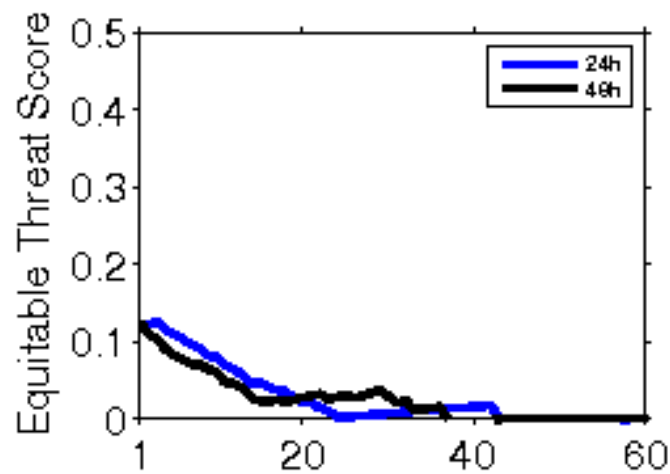


Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.90(-0.32)	15.06(6.47)	2.22(0.92)
48 Hour	3.02(0.37)	21.77(3.85)	2.57(1.48)
72 Hour	3.91(0.51)	26.19(5.23)	2.89(1.52)

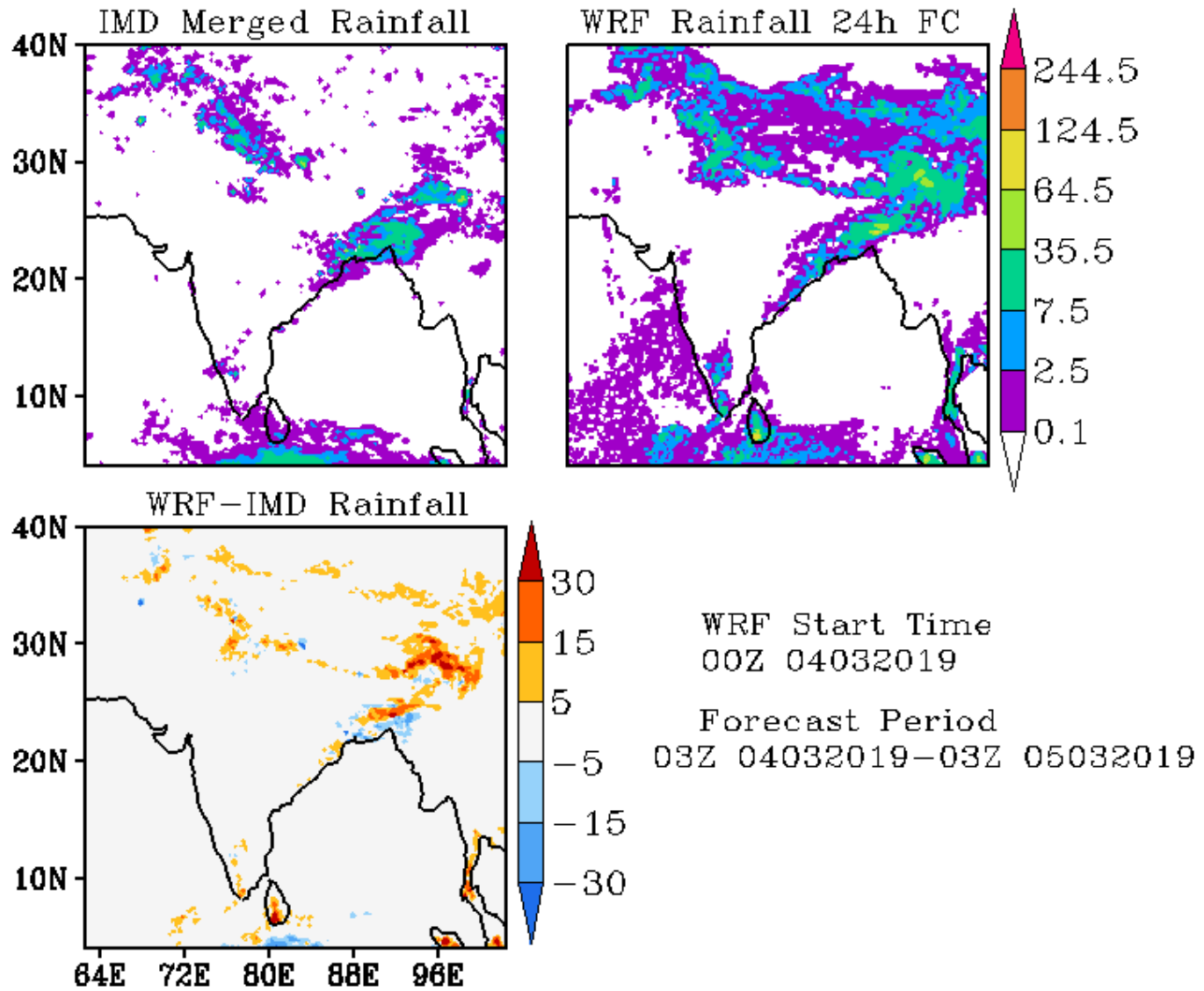




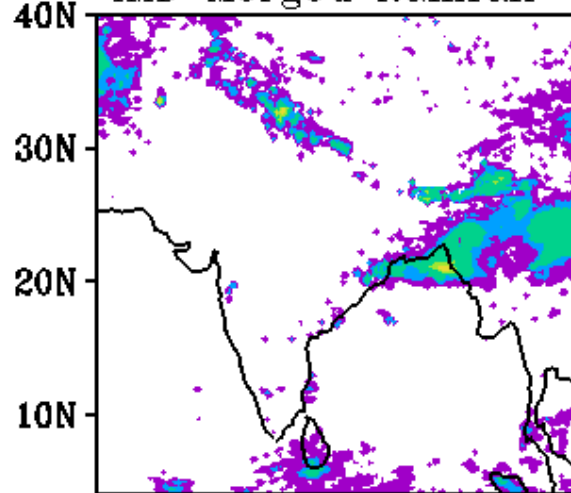


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

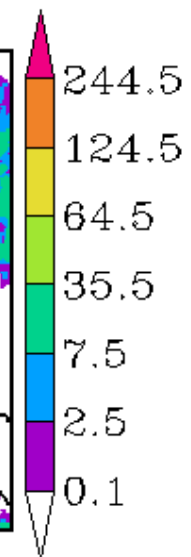
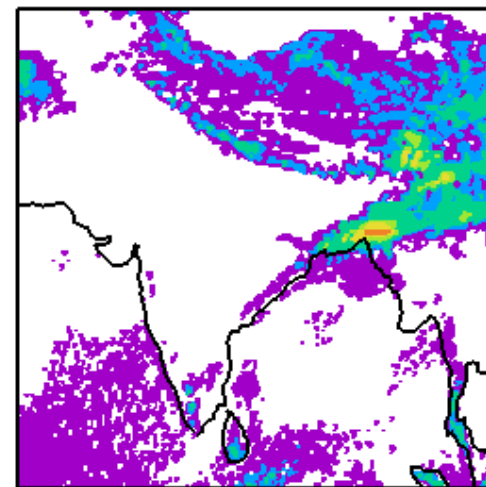
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.96(-0.89)	16.53(6.21)	1.98(1.04)
48 Hour	2.70(-0.35)	21.01(6.62)	2.73(1.09)
72 Hour	3.08(-0.01)	25.38(3.22)	2.80(1.37)



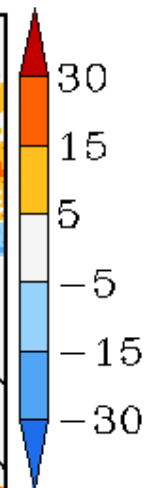
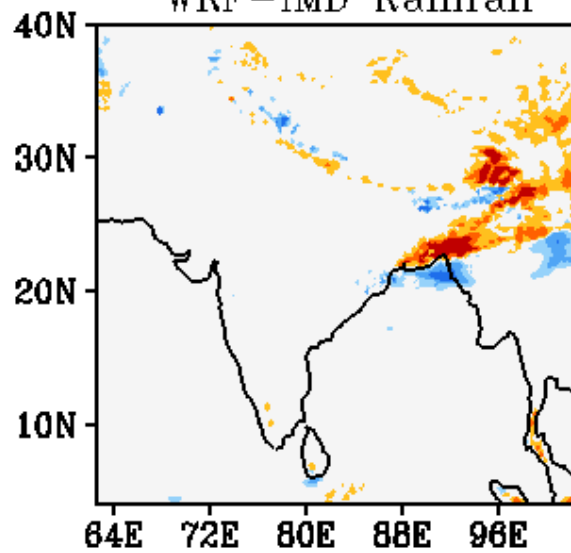
IMD Merged Rainfall



WRF Rainfall 48h FC

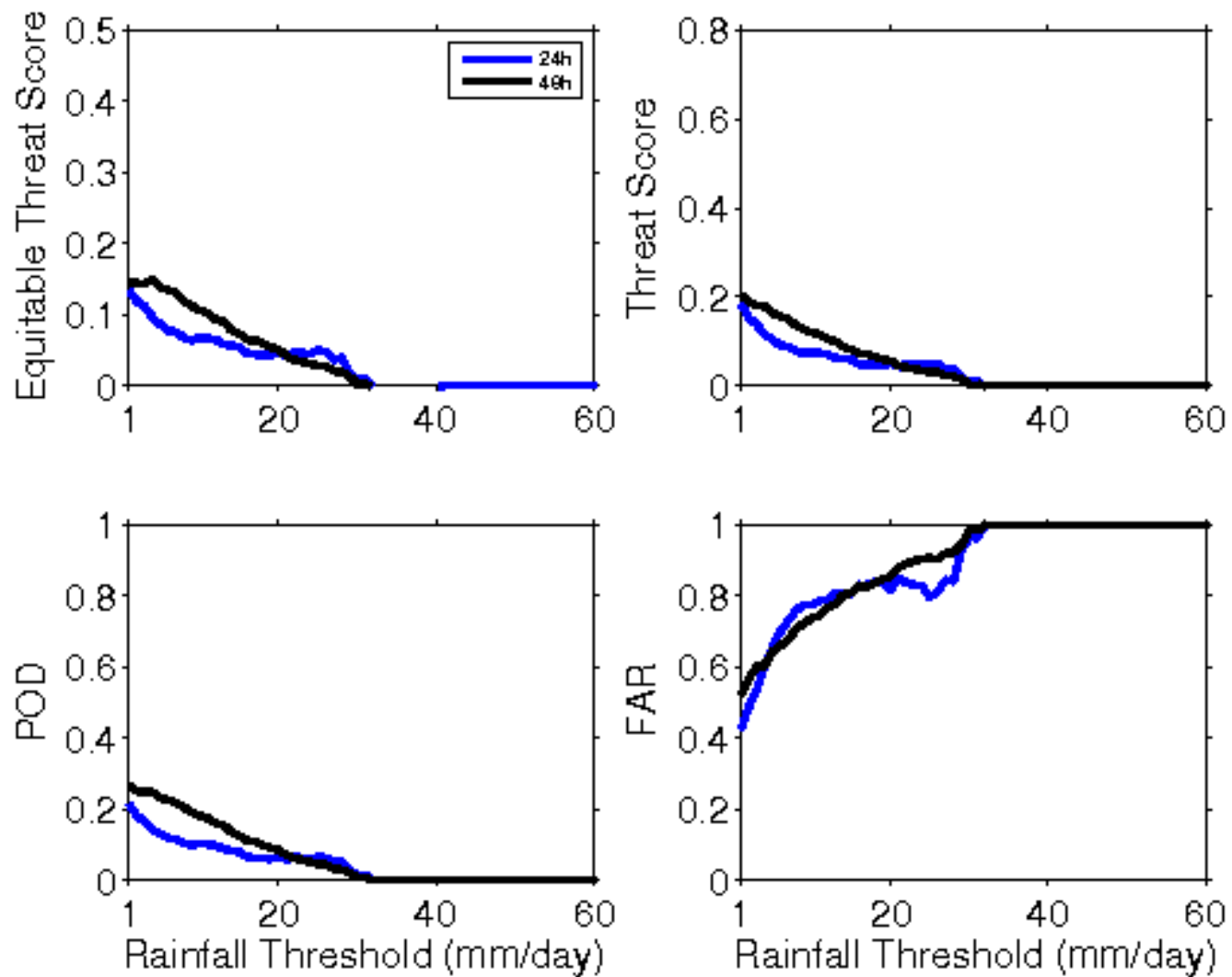


WRF-IMD Rainfall



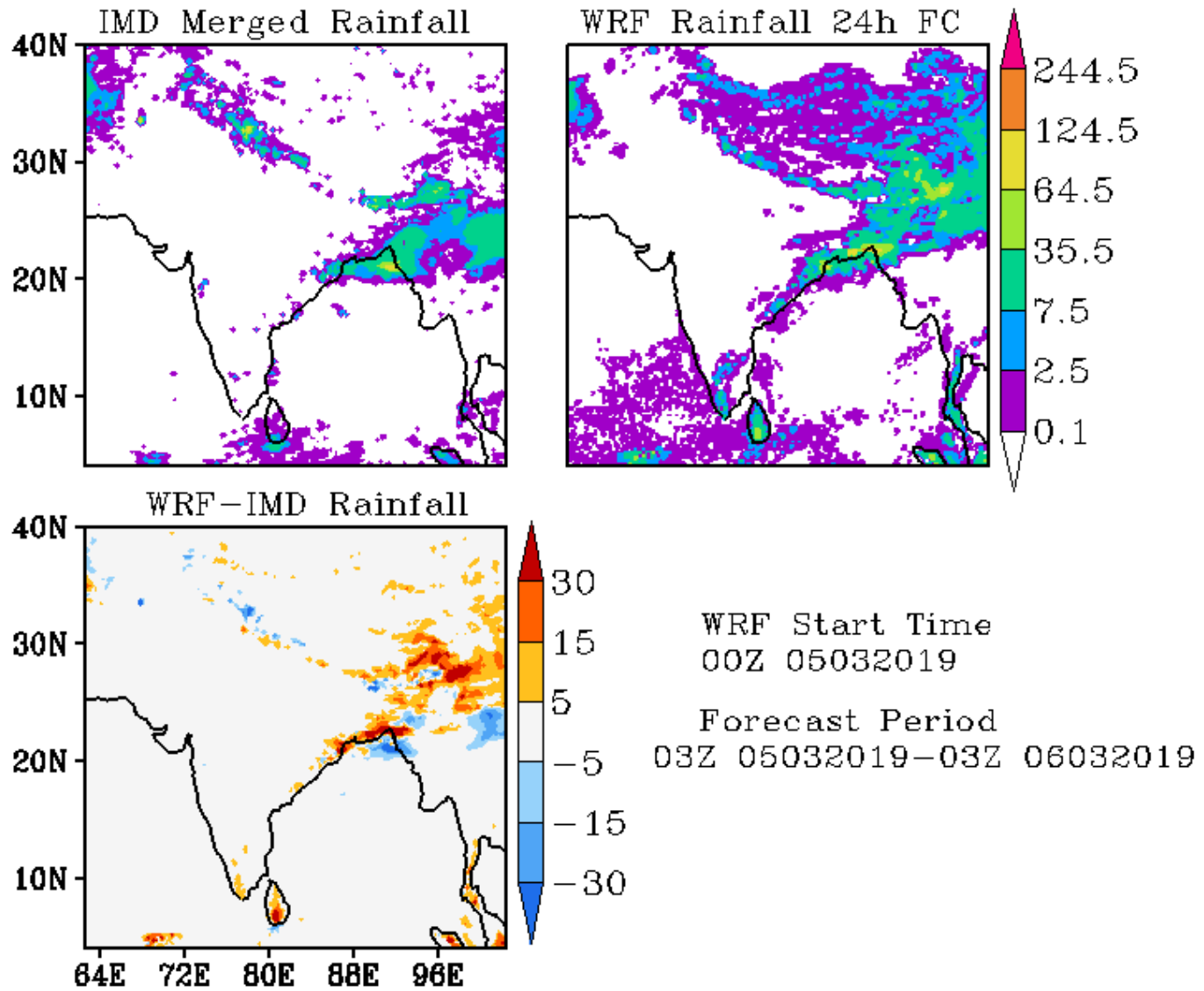
WRF Start Time
00Z 04032019

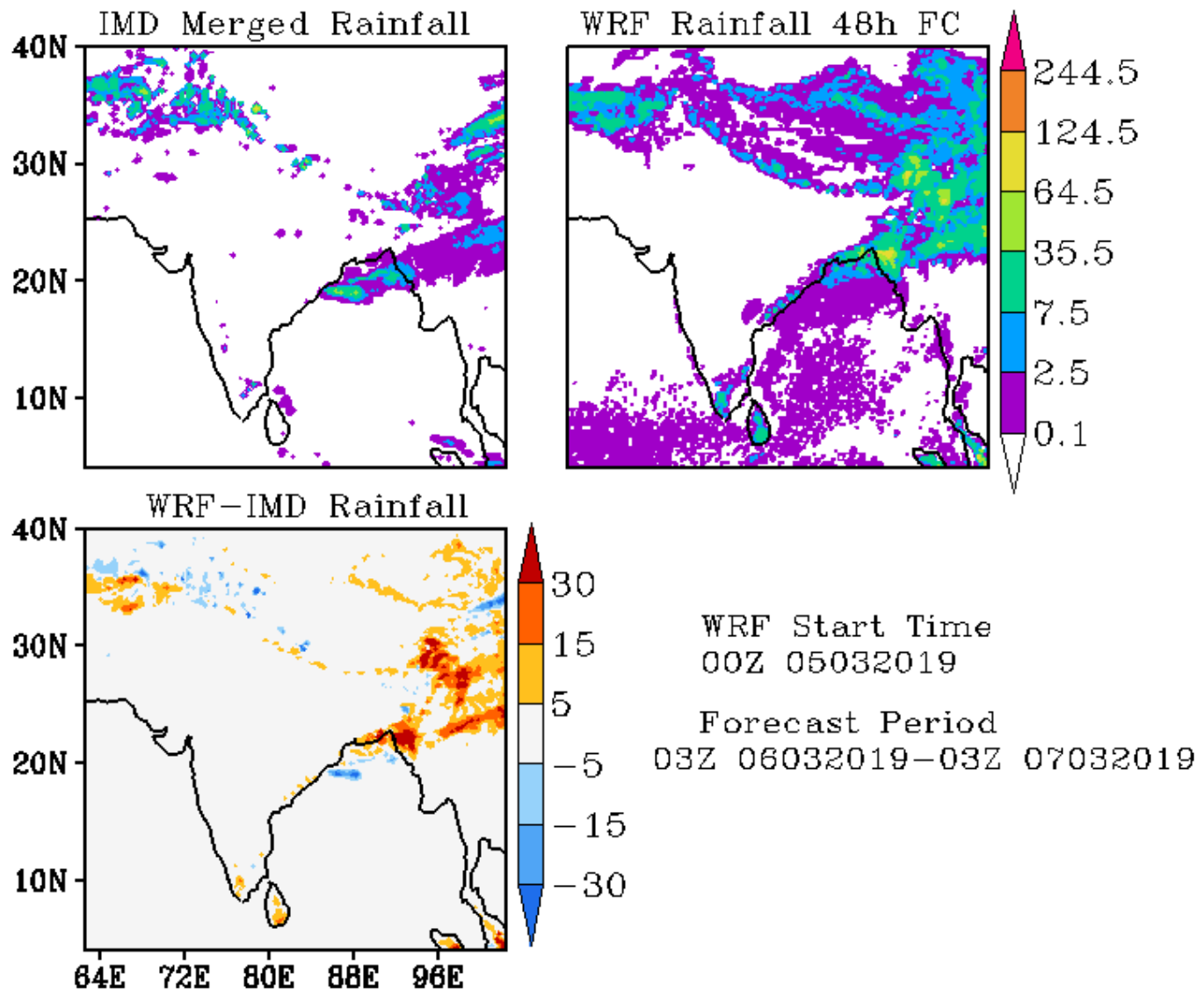
Forecast Period
03Z 05032019-03Z 06032019



**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

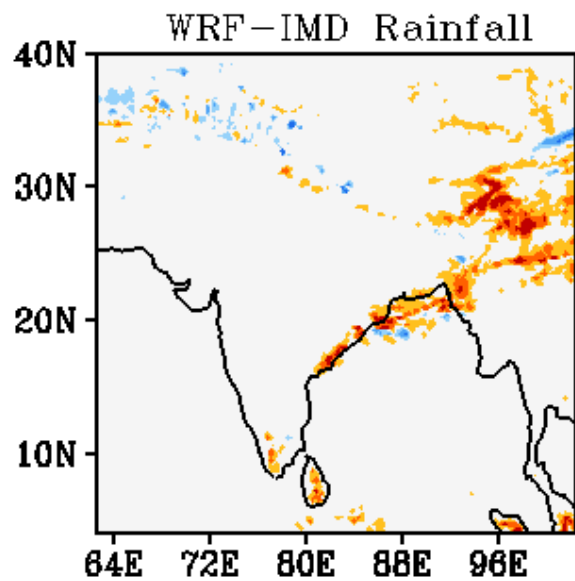
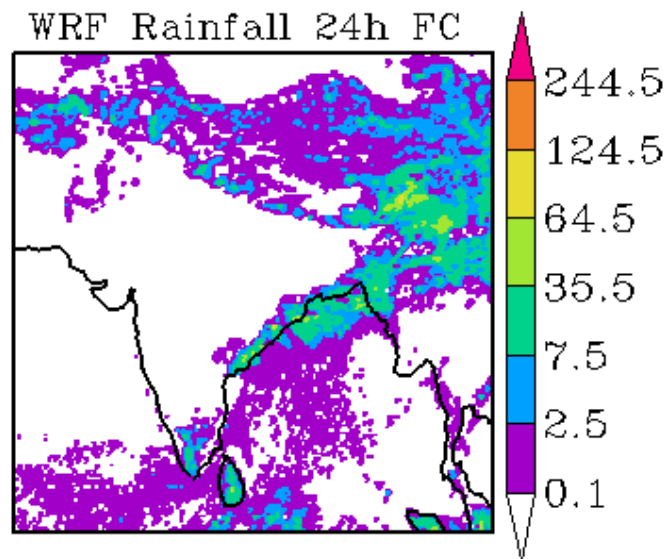
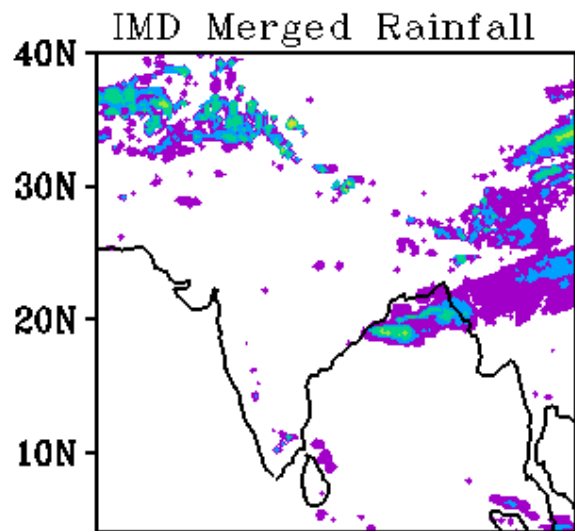
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.17(-1.02)	16.51(5.60)	2.12(0.92)
48 Hour	2.82(-0.76)	21.68(5.41)	2.39(1.24)
72 Hour	3.02(-0.54)	22.96(5.56)	2.57(1.34)





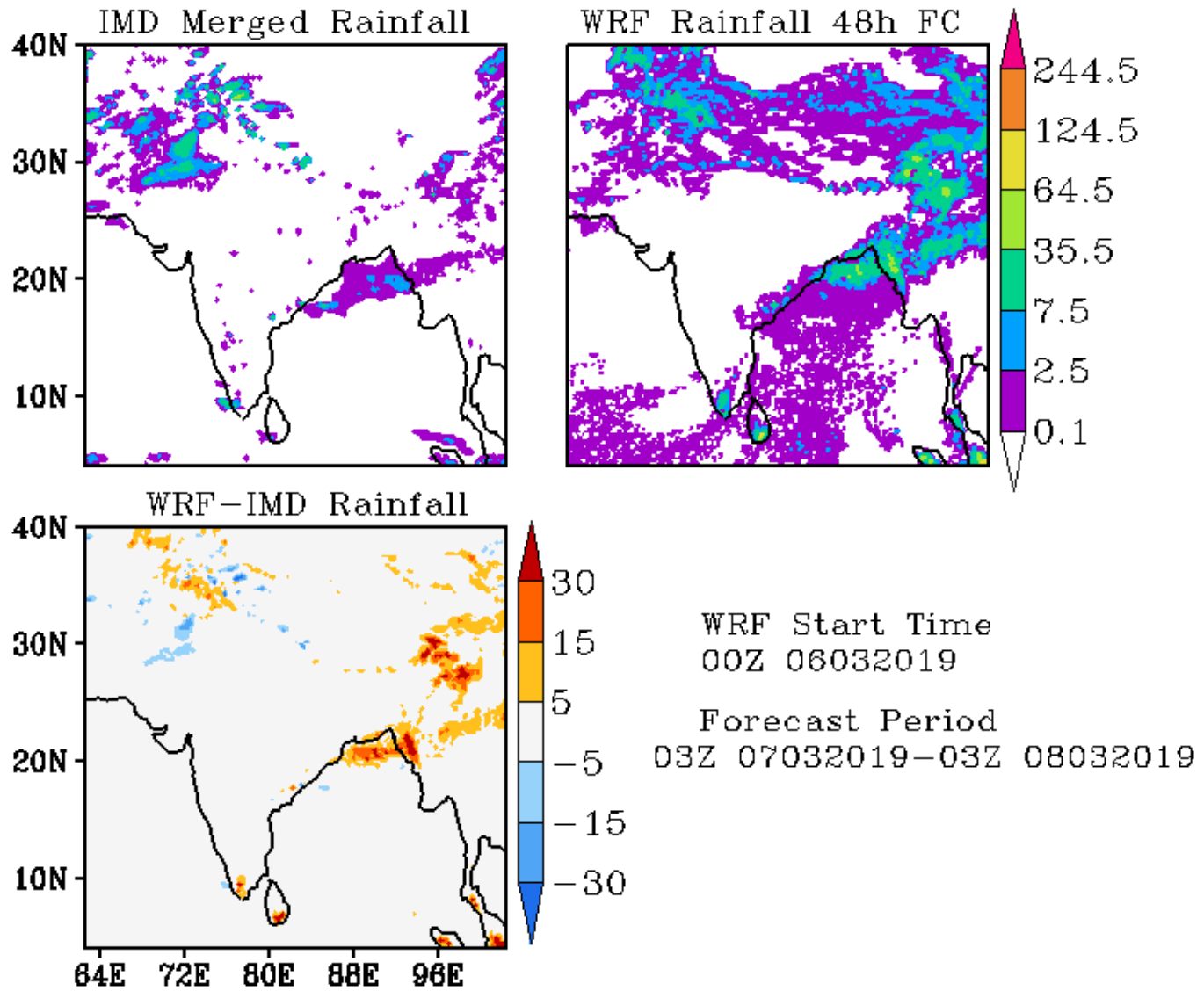
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.29(-1.20)	18.09(5.35)	1.96(1.11)
48 Hour	2.56(-1.11)	20.51(3.67)	2.22(1.18)
72 Hour	2.93(-0.85)	22.42(3.22)	2.50(1.48)



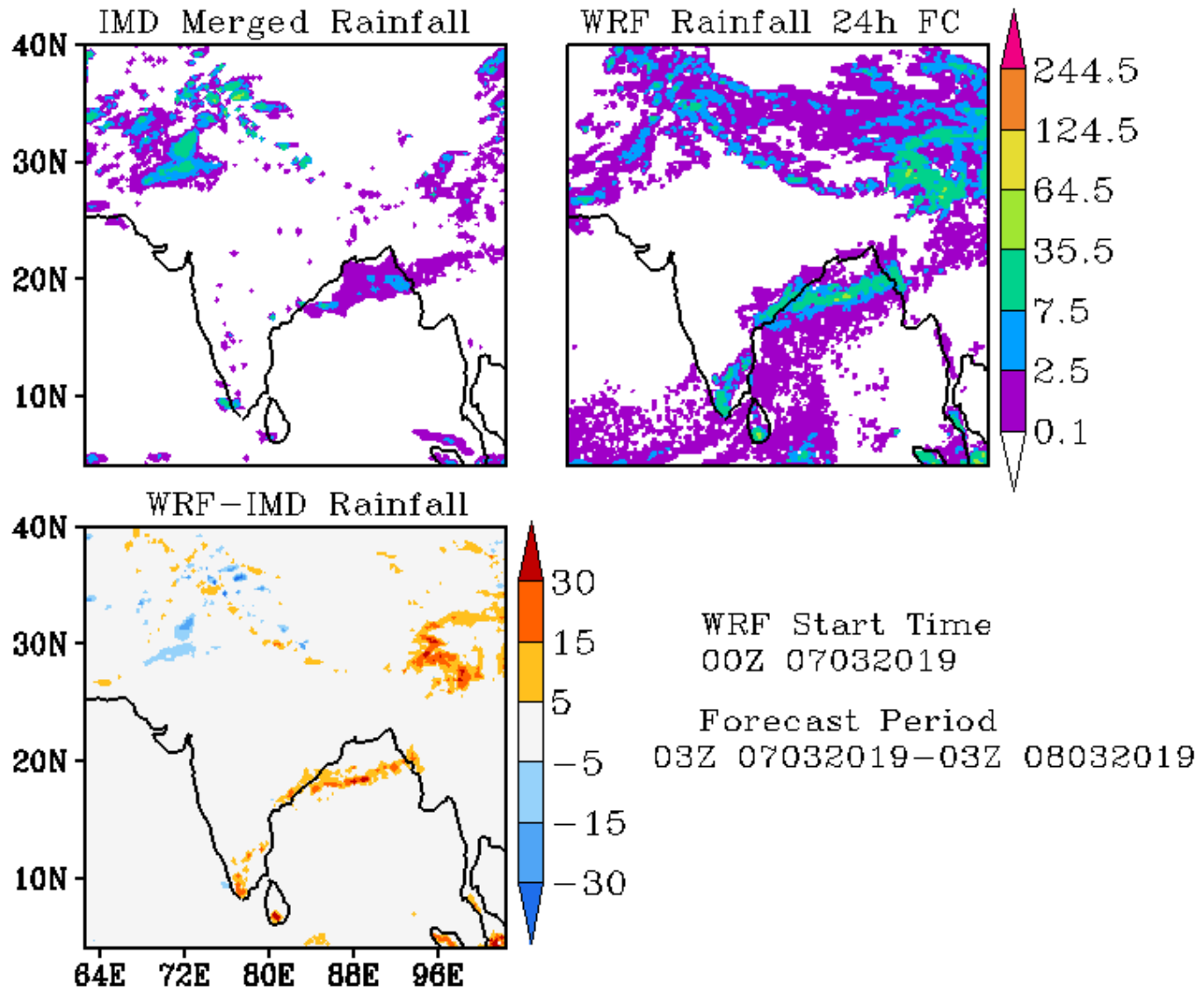
WRF Start Time
00Z 06032019

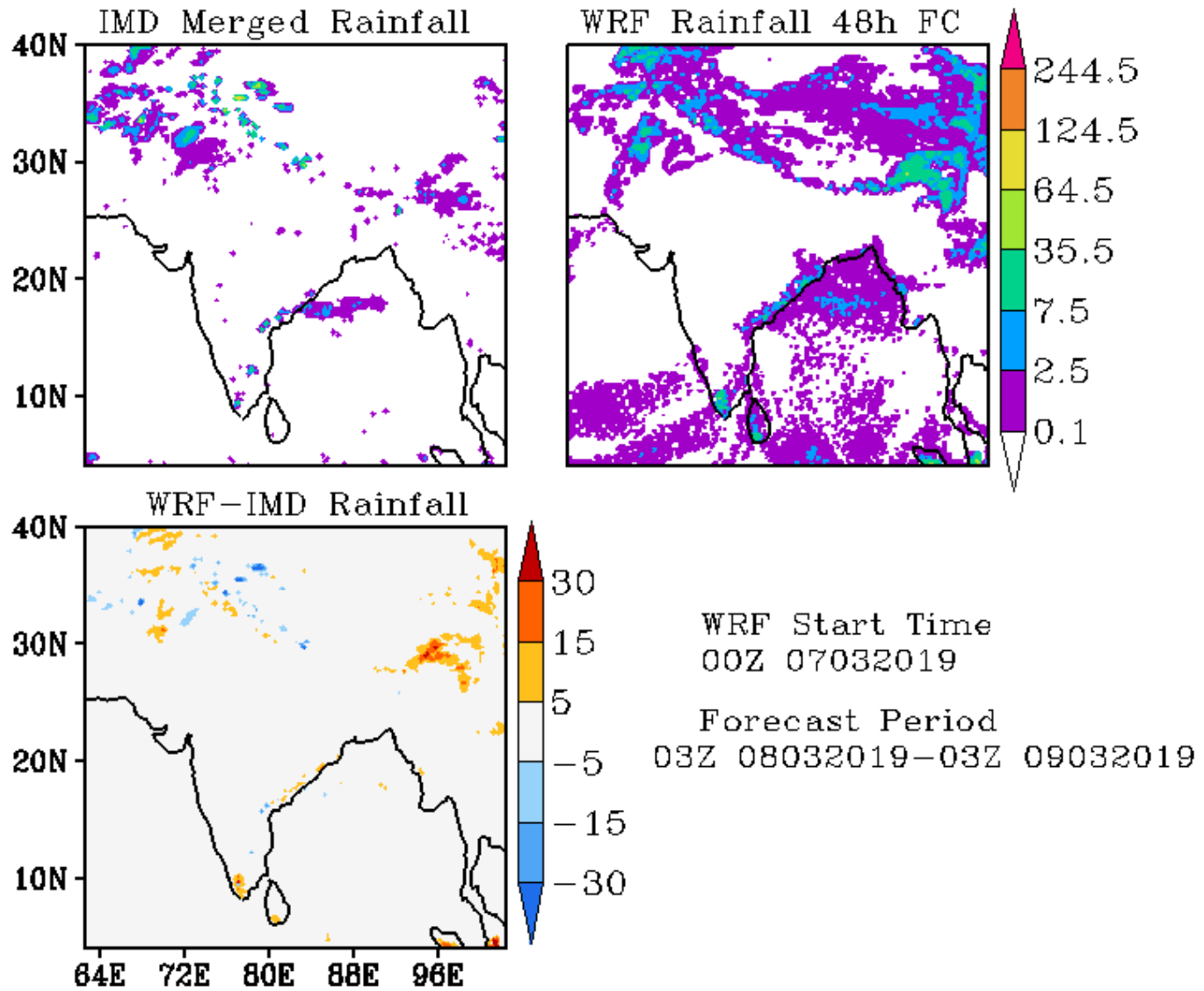
Forecast Period
03Z 06032019-03Z 07032019

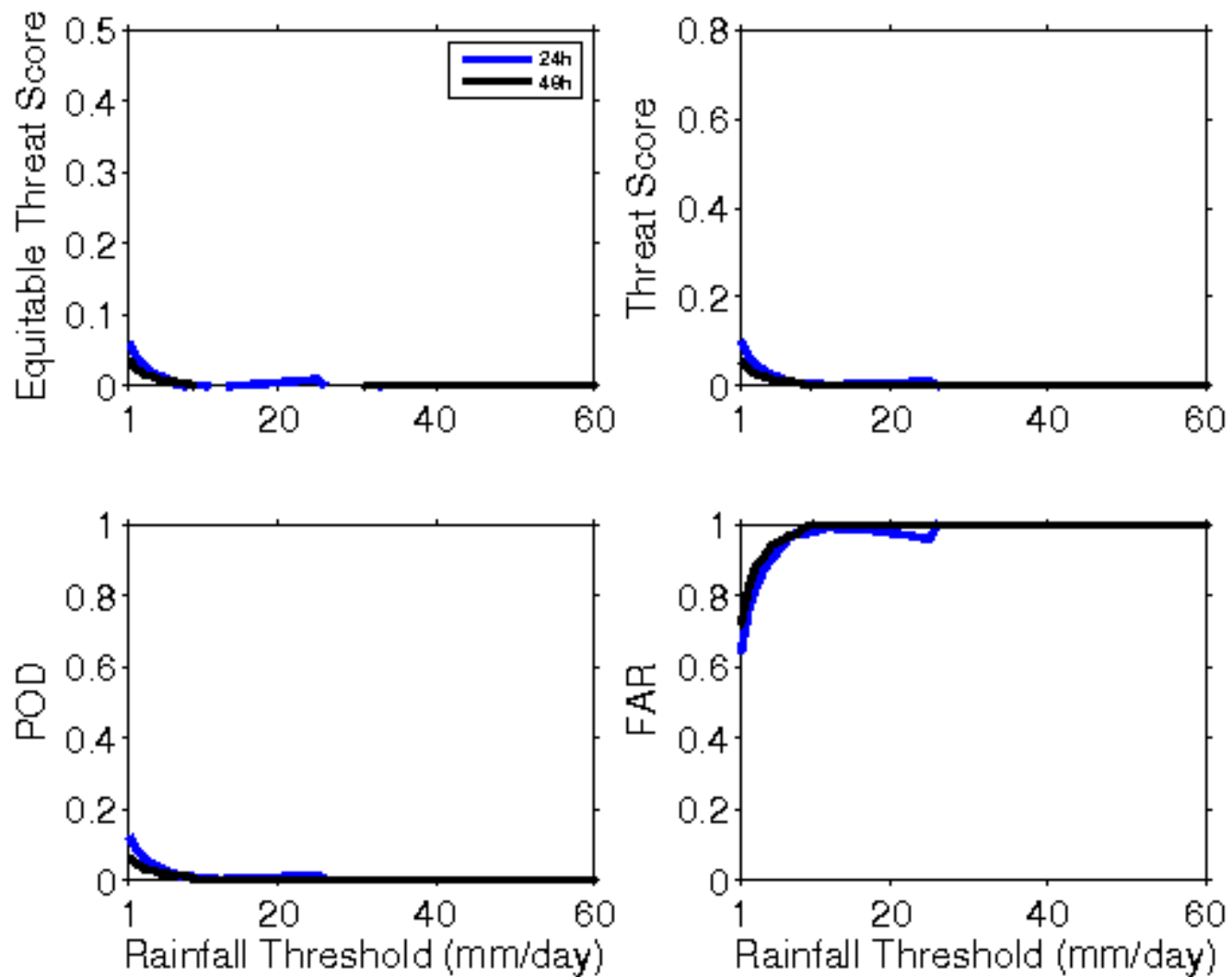


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.25(-1.03)	17.59(5.81)	2.05(1.28)
48 Hour	2.40(-0.95)	20.02(6.06)	2.45(1.22)
72 Hour	2.47(-0.83)	22.66(5.24)	2.37(1.14)

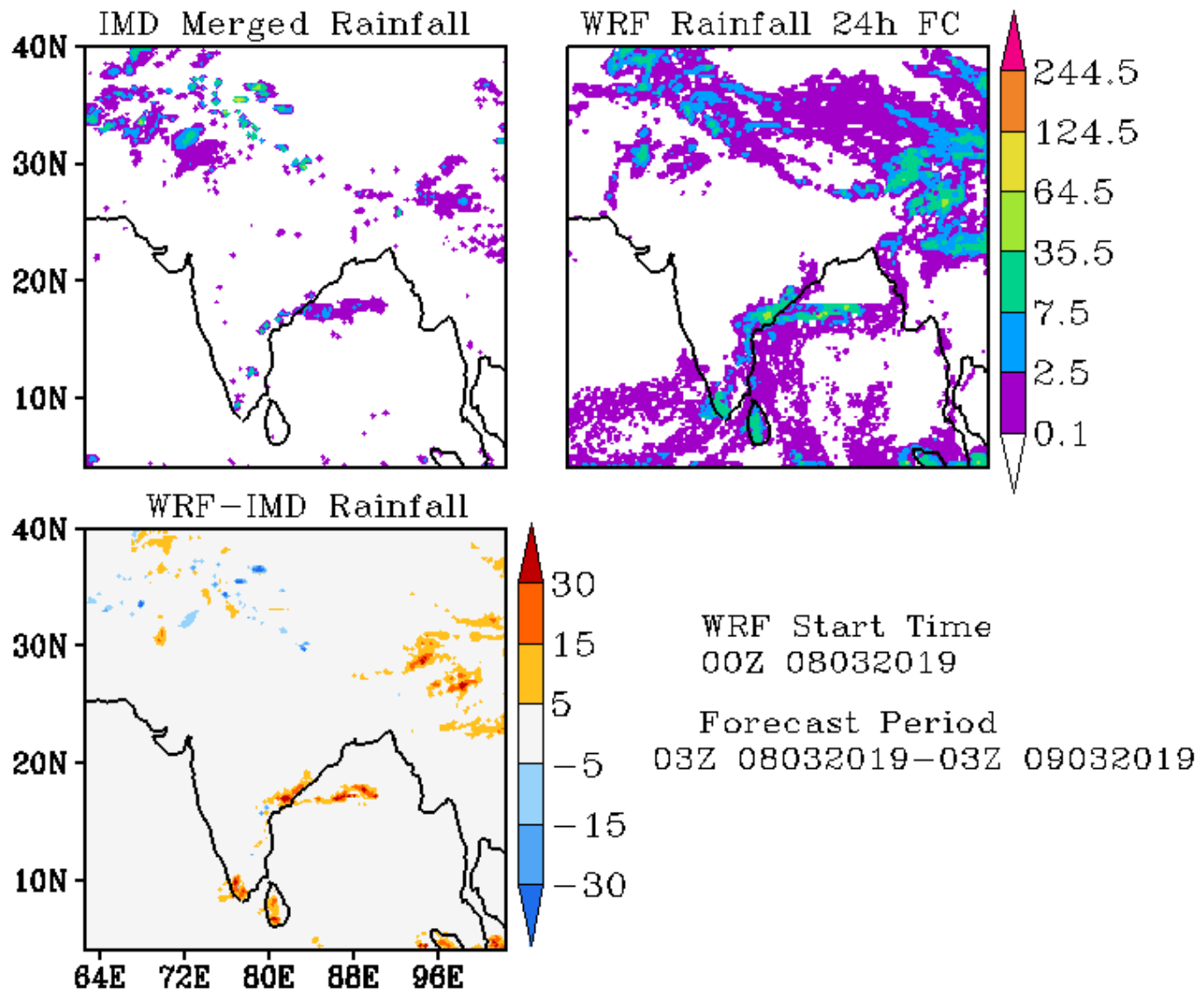


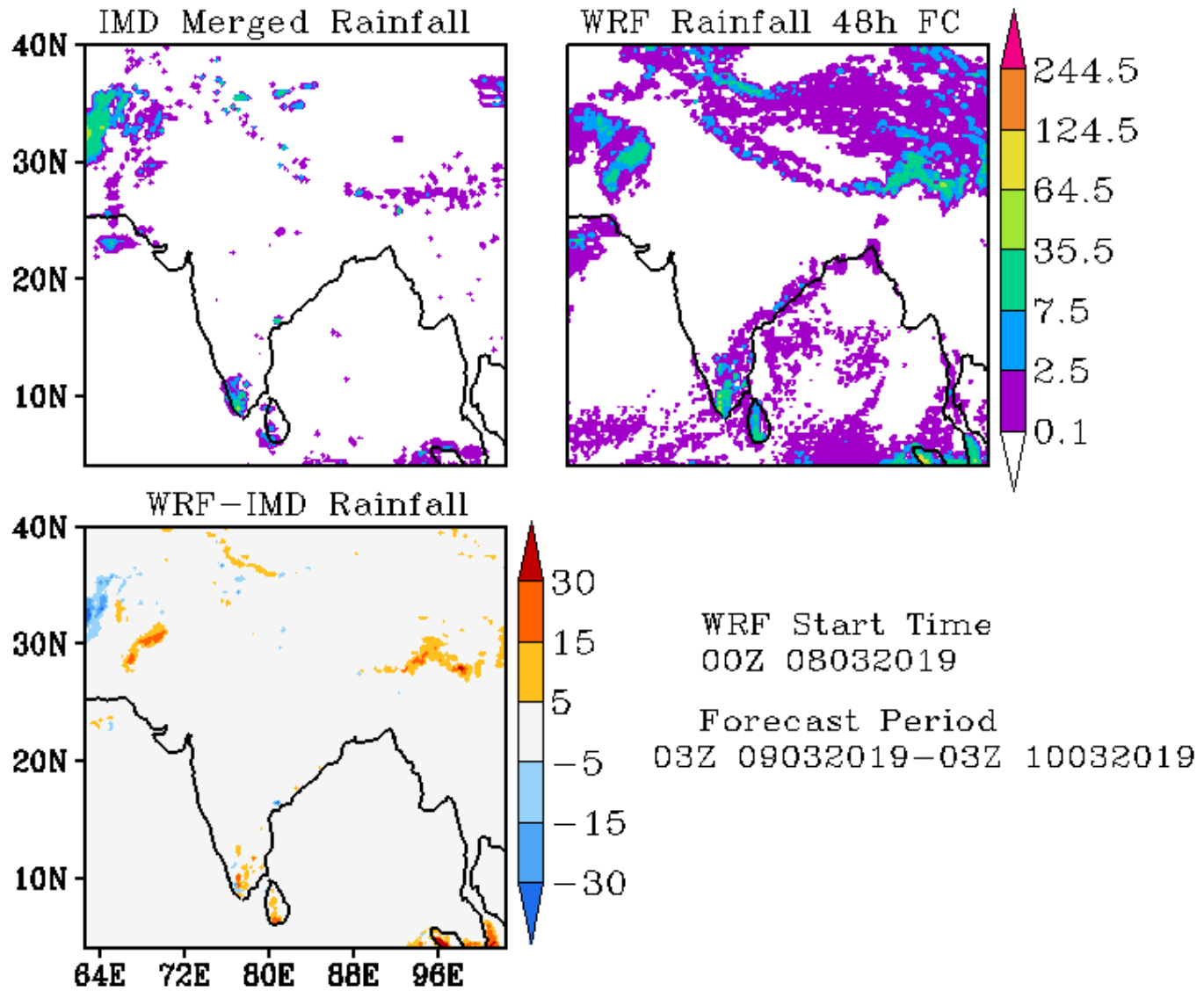


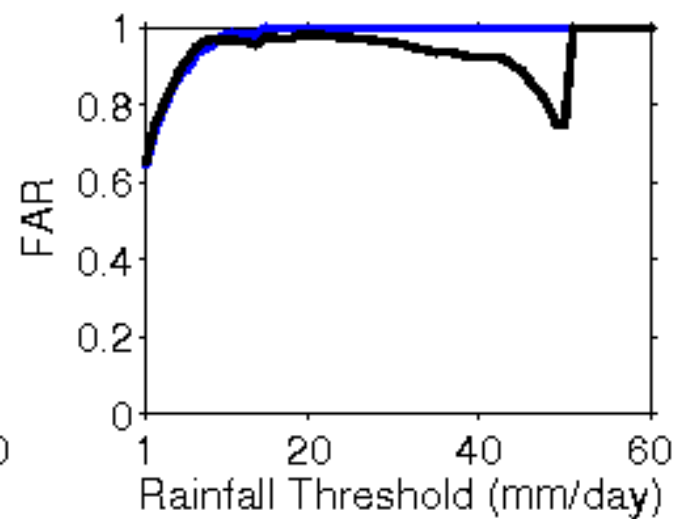
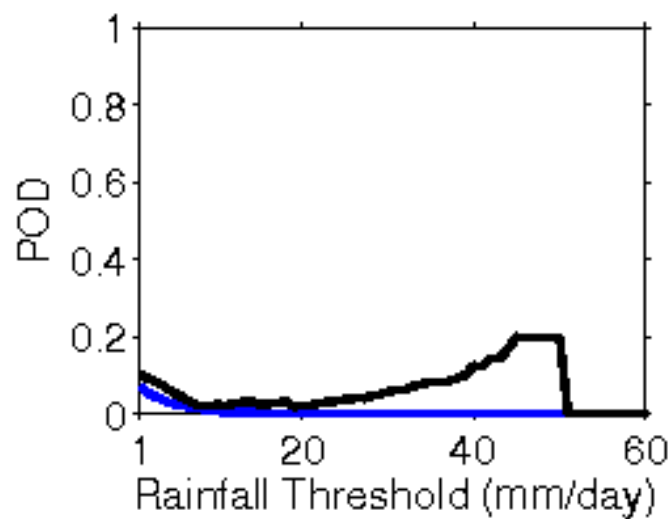
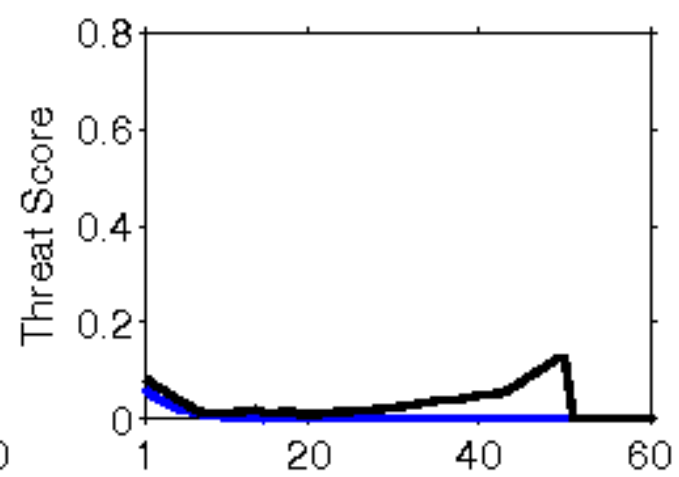
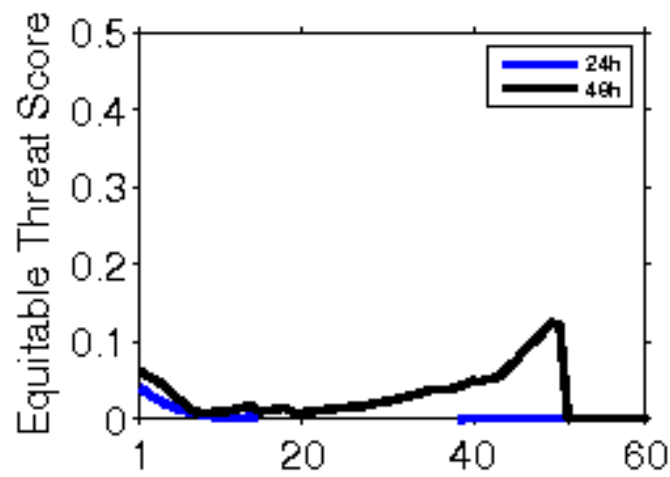


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.21(-1.02)	19.53(6.90)	2.13(0.98)
48 Hour	2.40(-0.79)	20.94(8.37)	2.27(1.25)
72 Hour	2.36(-0.48)	21.66(9.19)	2.31(1.15)

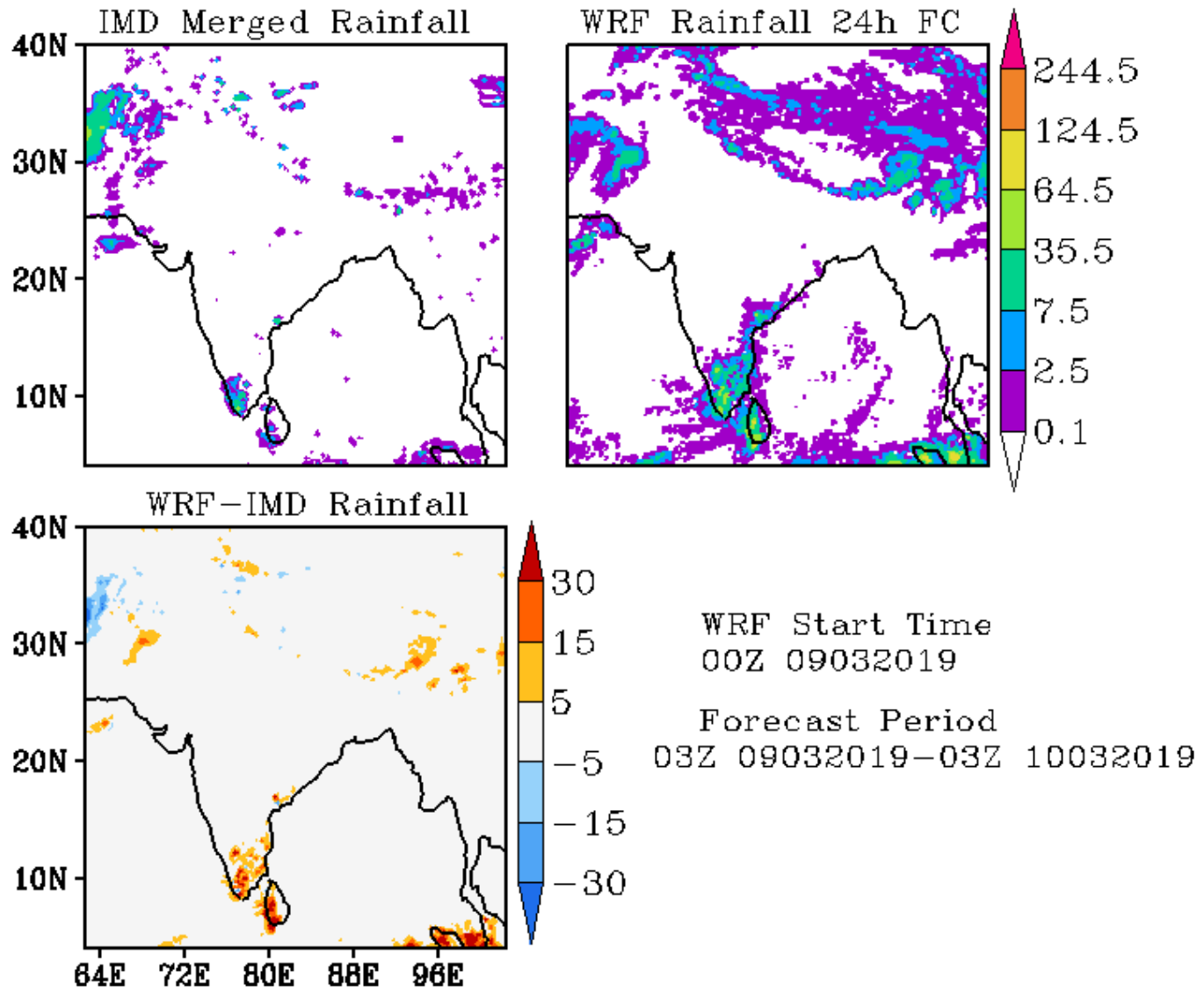


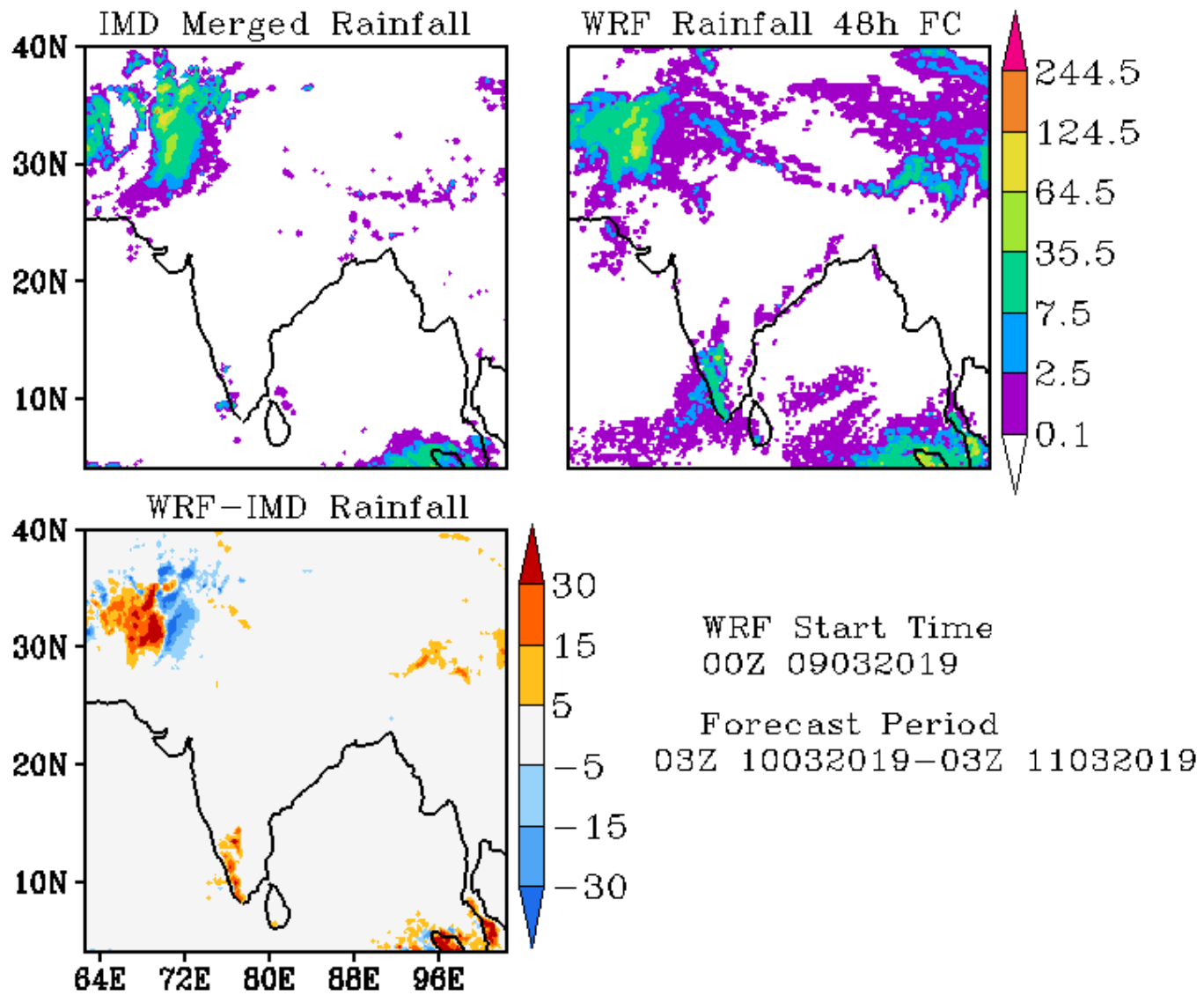


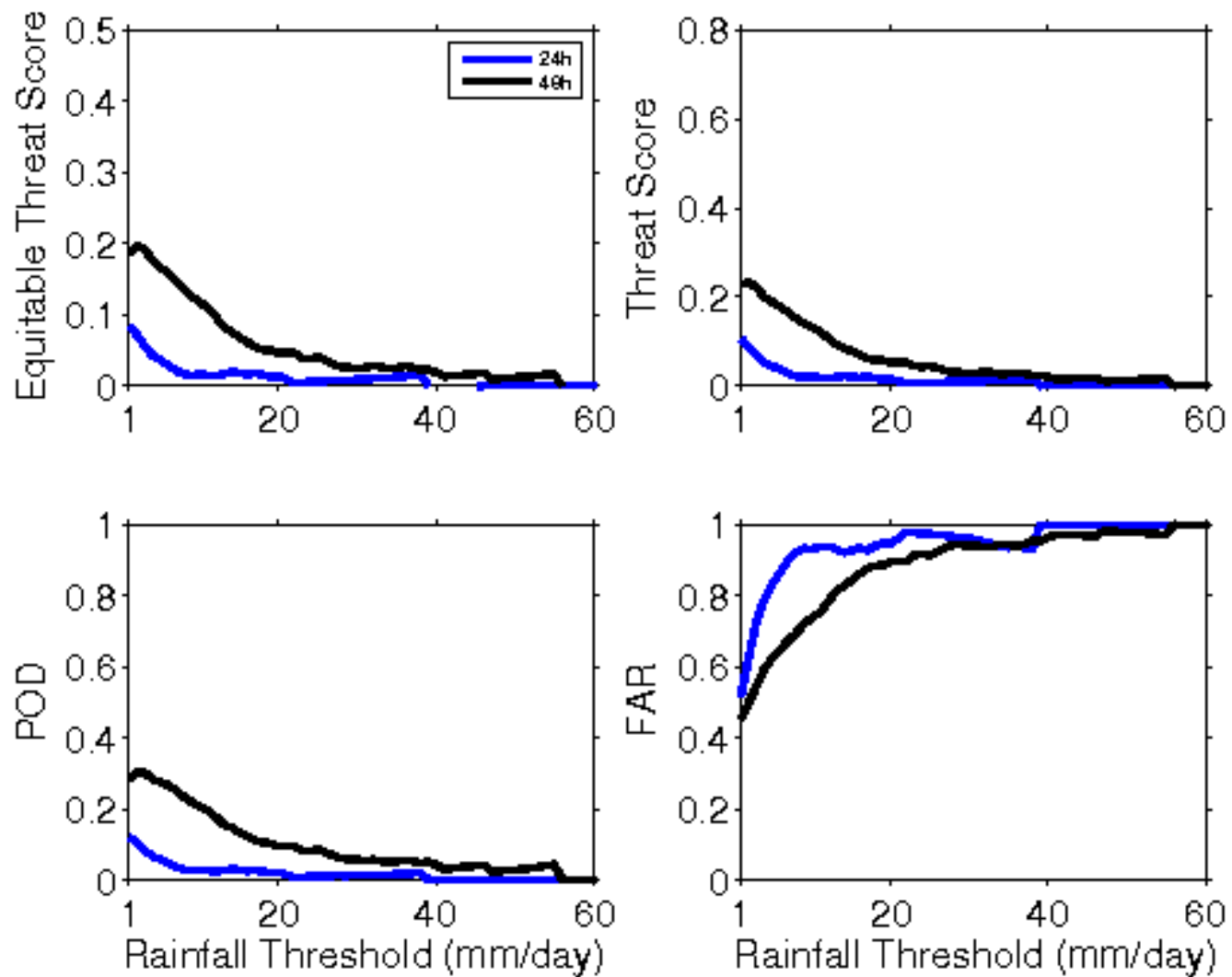


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.12(-1.05)	19.17(7.26)	1.85(1.02)
48 Hour	2.40(-0.64)	21.52(8.17)	2.22(1.09)
72 Hour	2.81(-0.53)	19.00(9.73)	2.58(0.99)

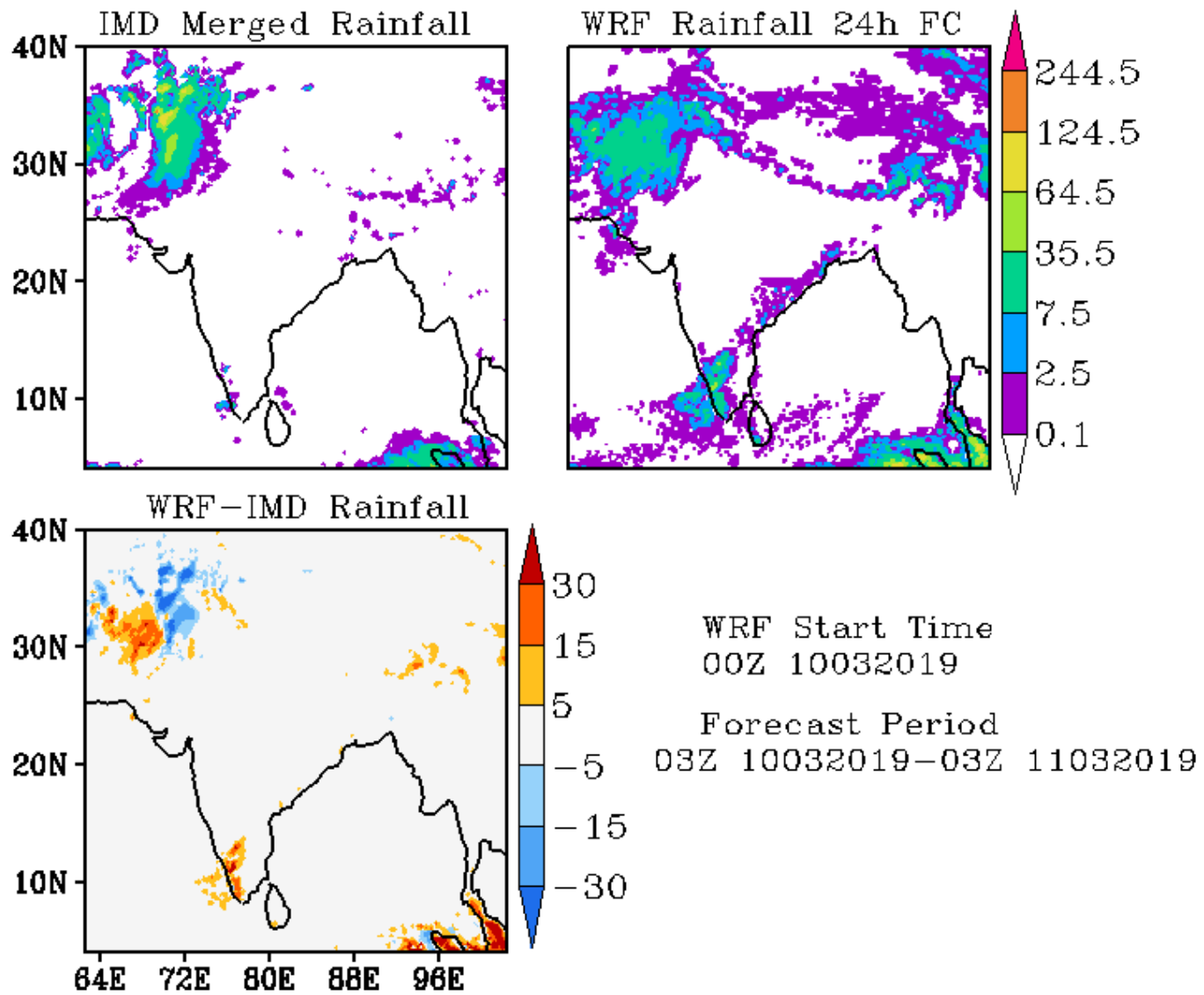


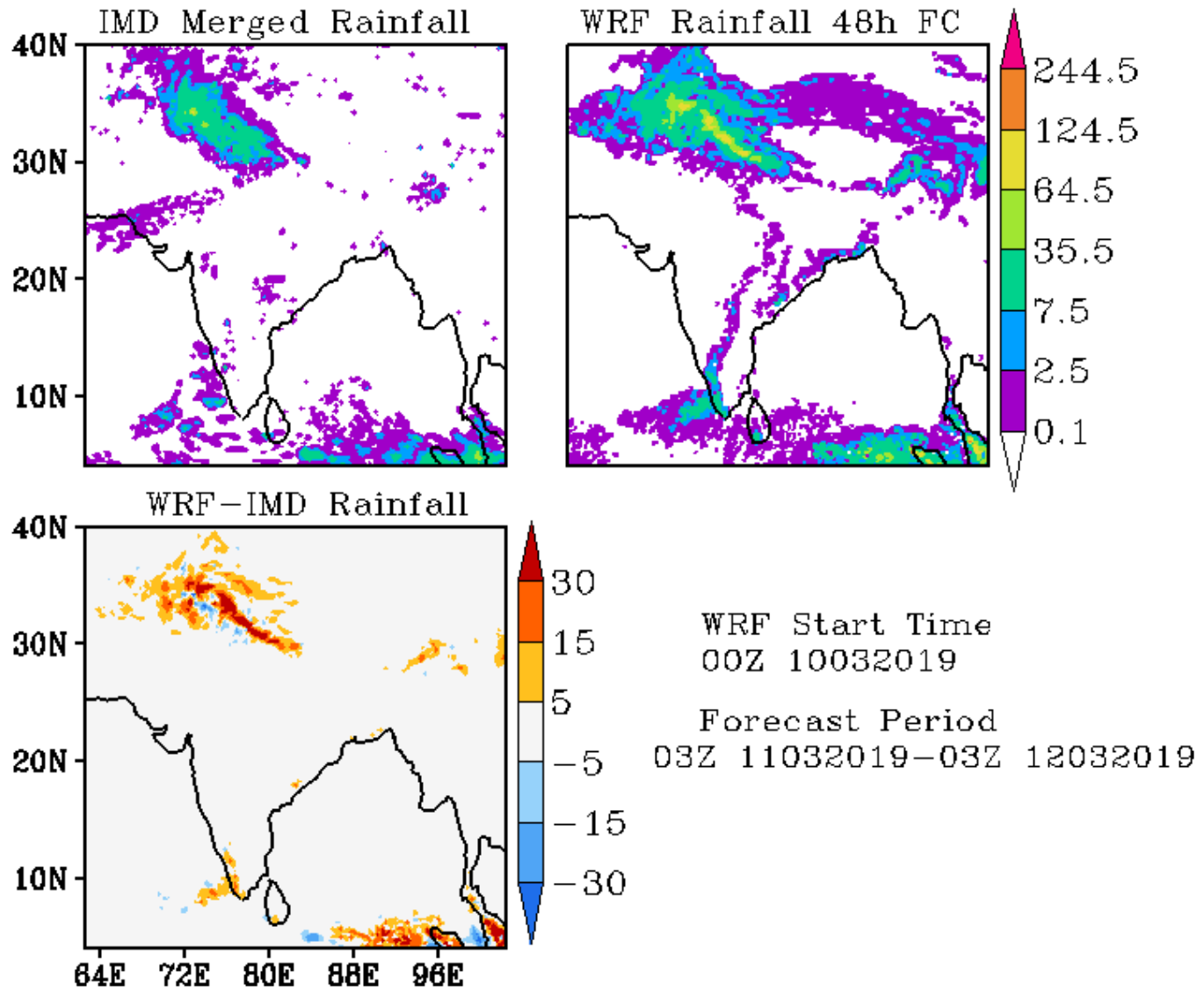


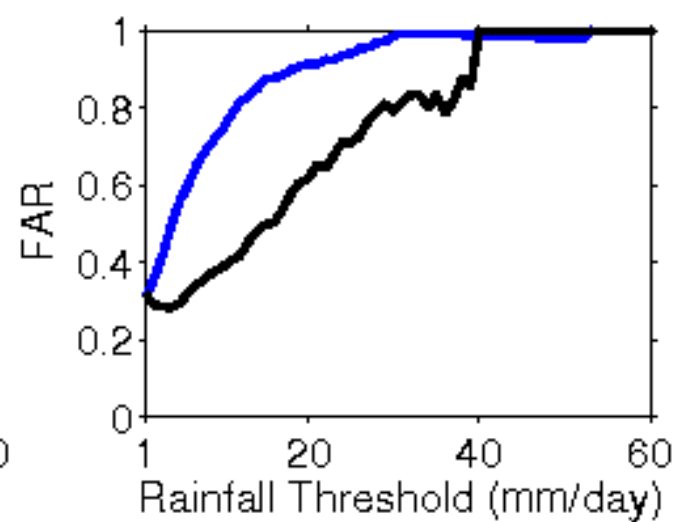
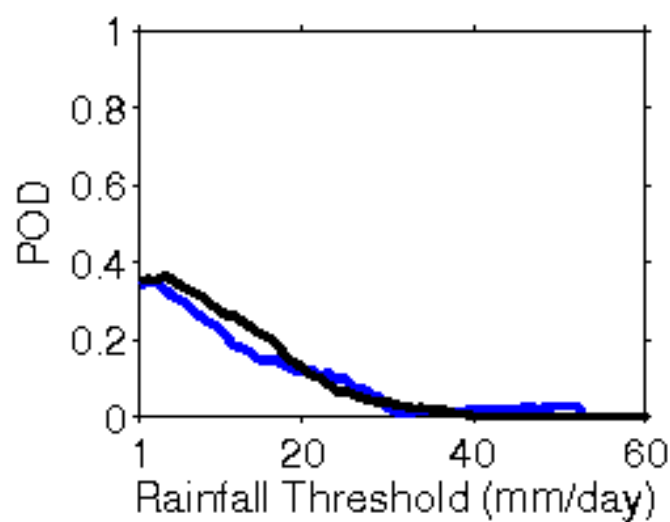
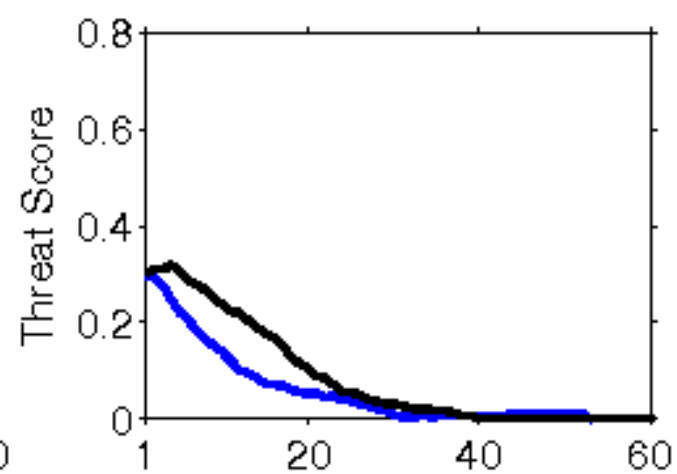
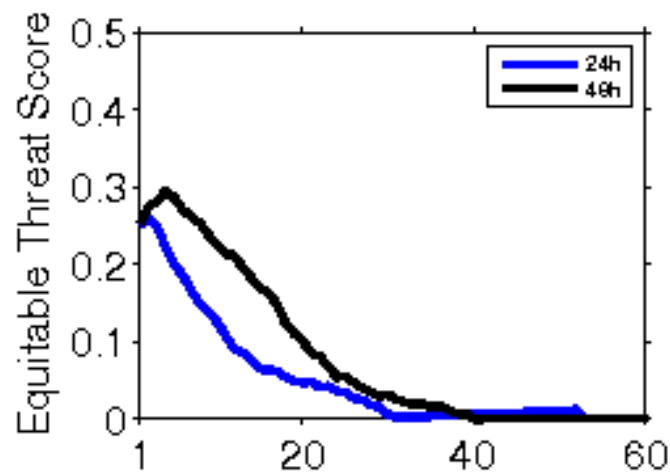


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.20(-1.01)	19.19(6.66)	2.03(1.13)
48 Hour	2.51(-0.77)	21.69(7.07)	2.71(1.29)
72 Hour	3.95(-0.43)	21.63(8.38)	3.43(1.25)

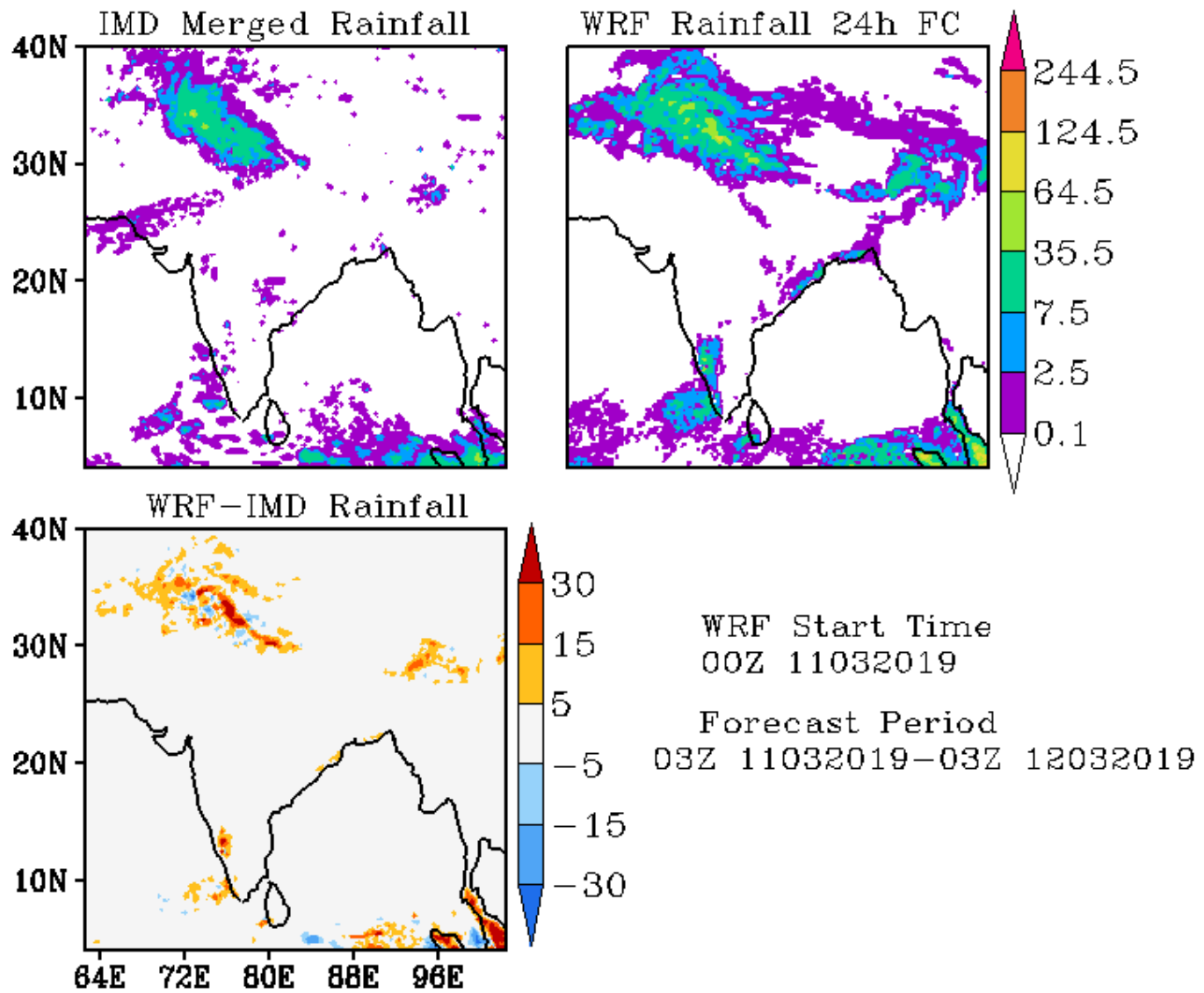


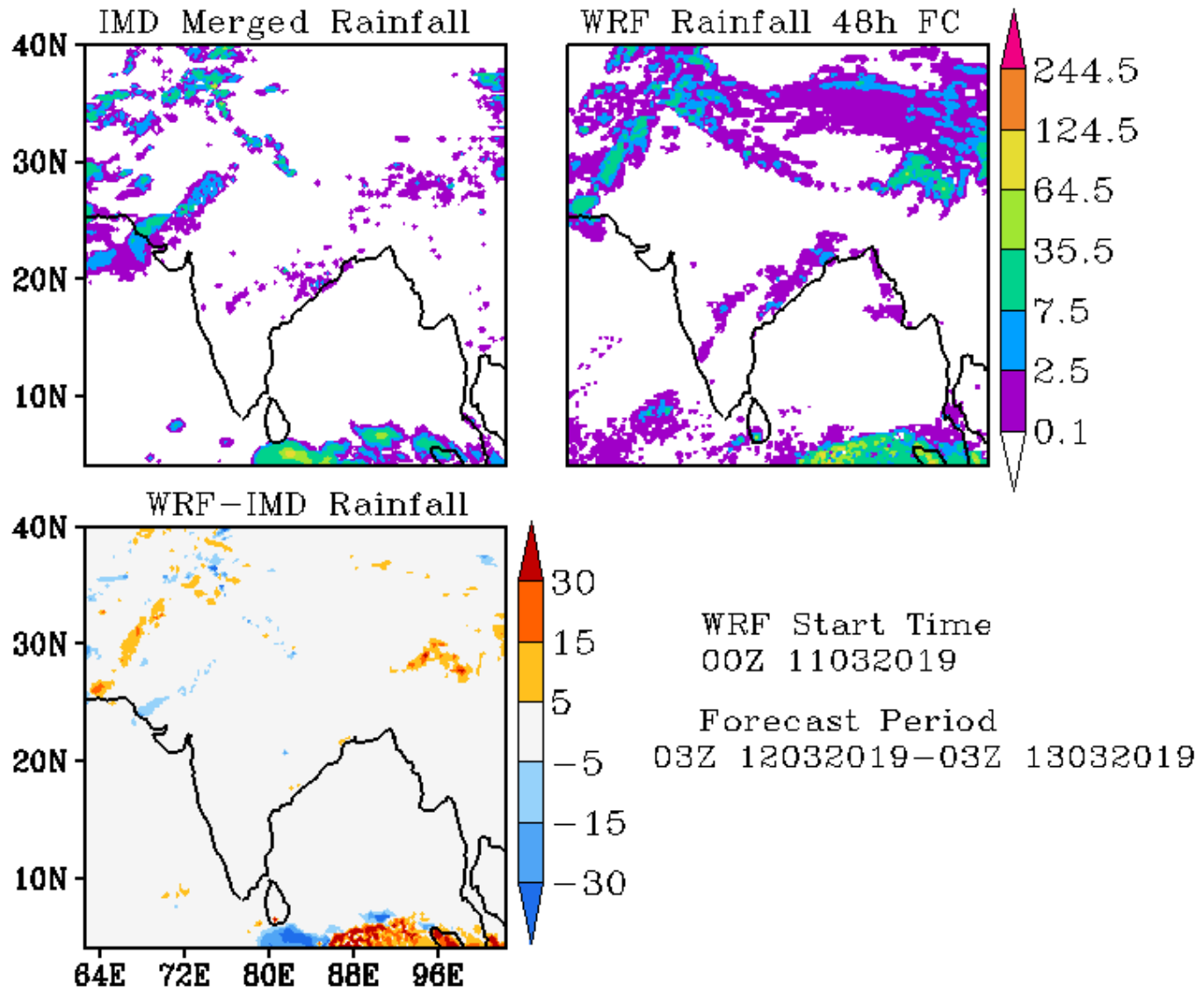


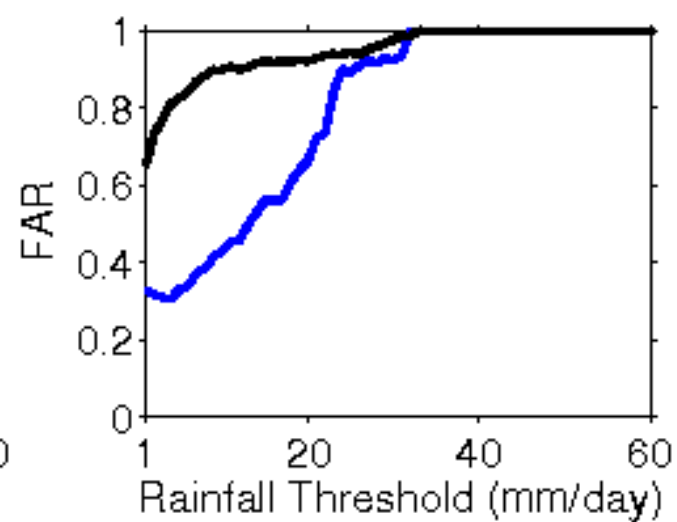
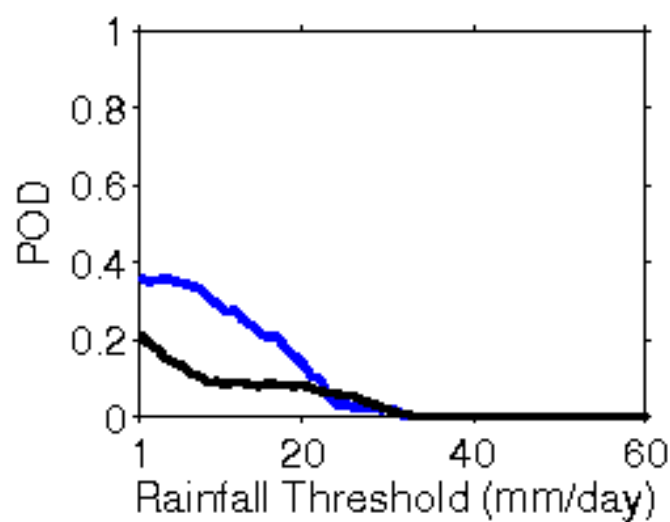
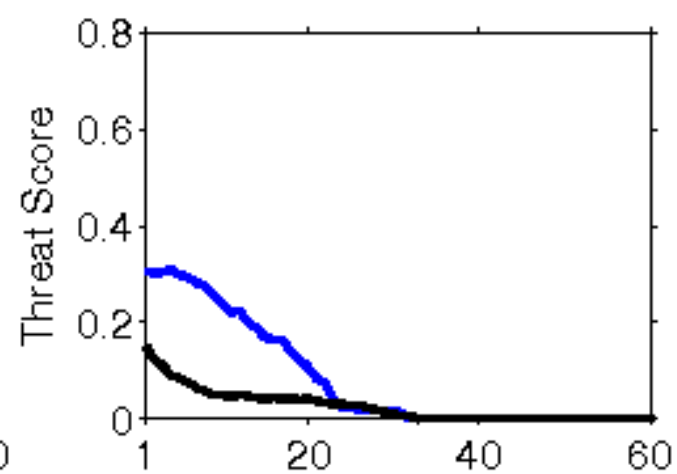
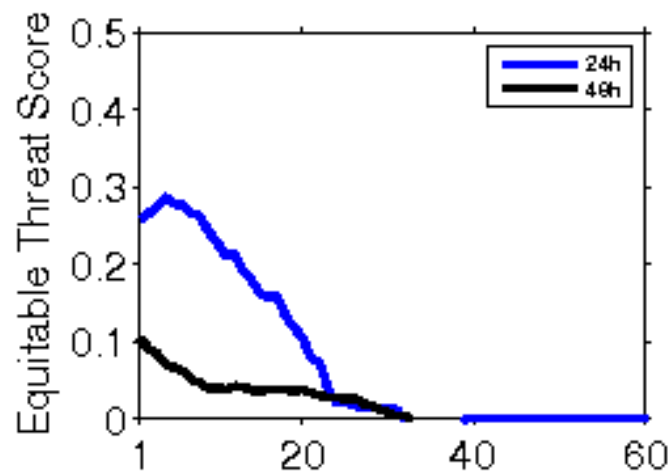


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.88(-0.75)	17.62(9.31)	2.20(1.10)
48 Hour	2.84(-0.53)	19.81(7.20)	2.89(1.08)
72 Hour	2.72(-0.27)	19.45(8.53)	2.52(1.15)

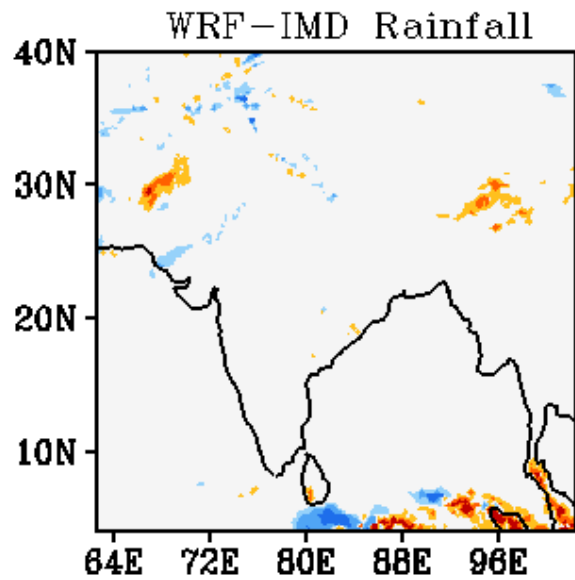
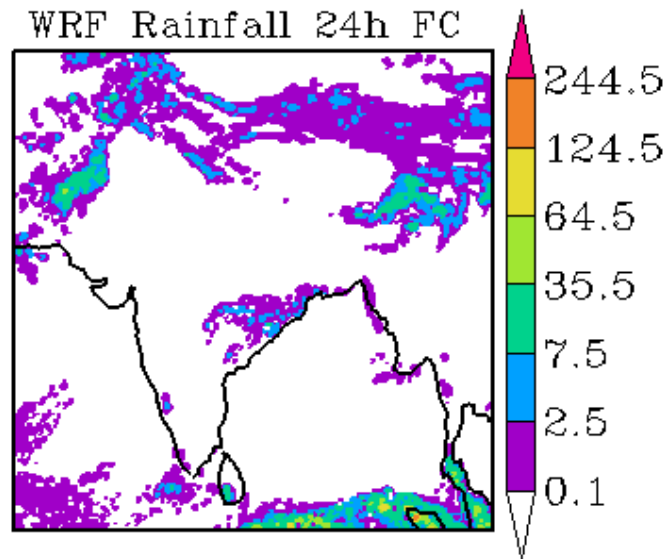
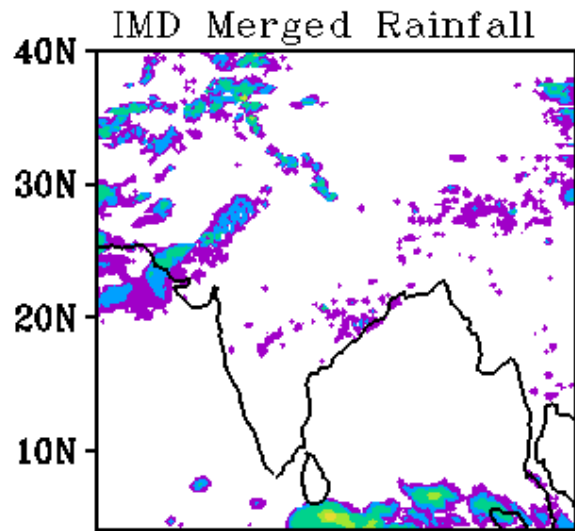






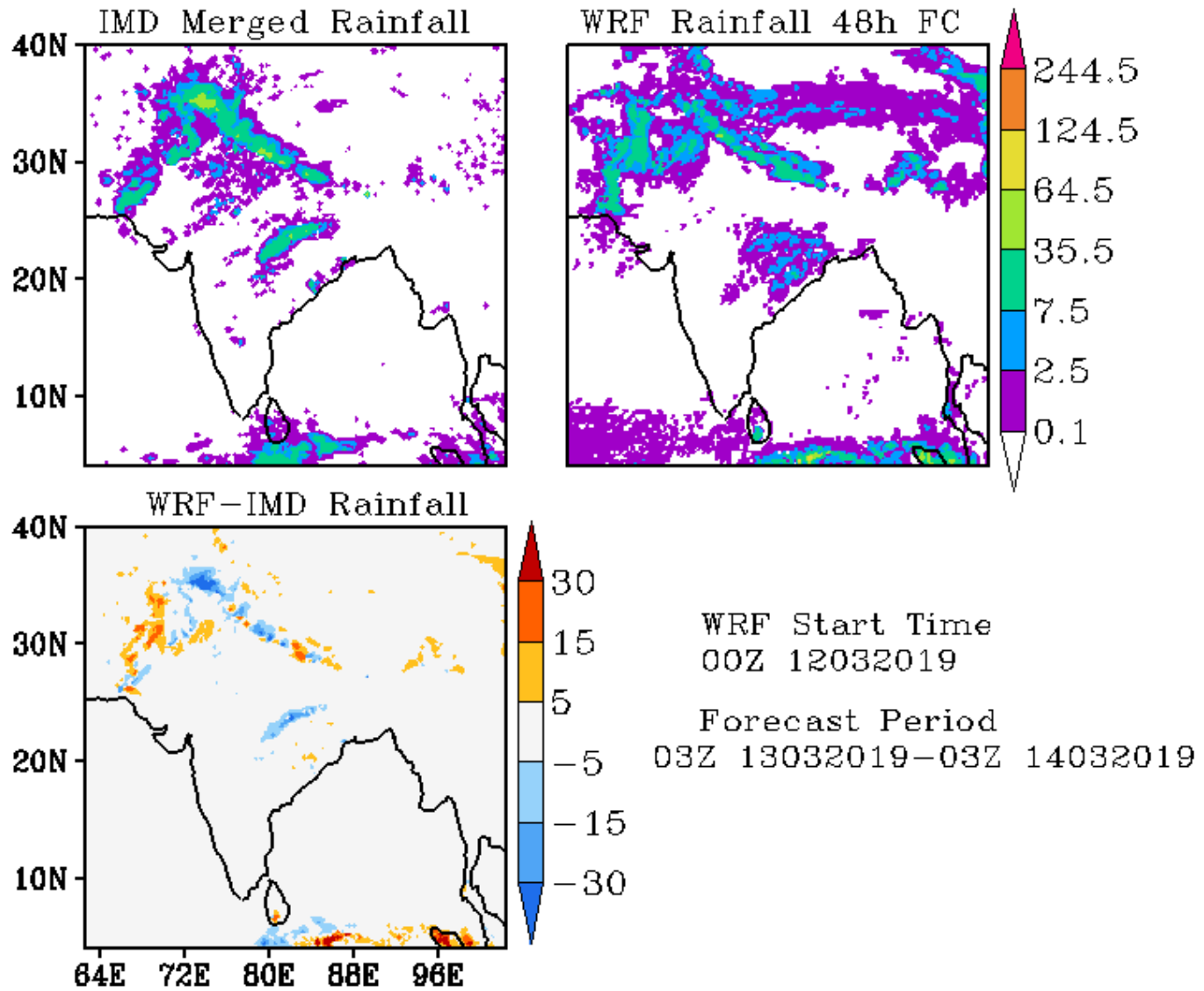
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

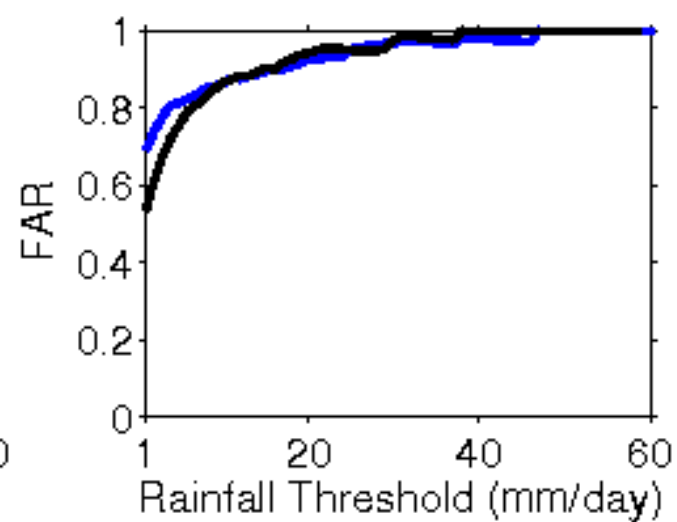
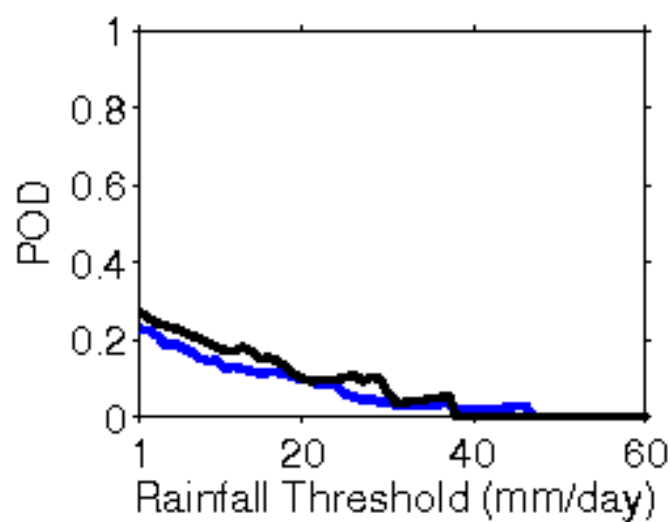
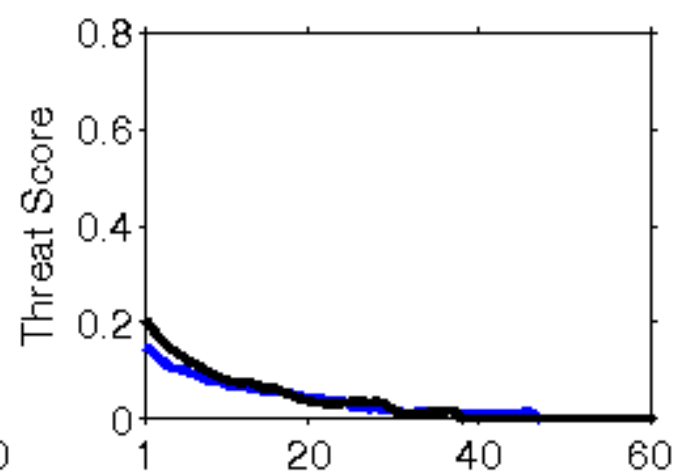
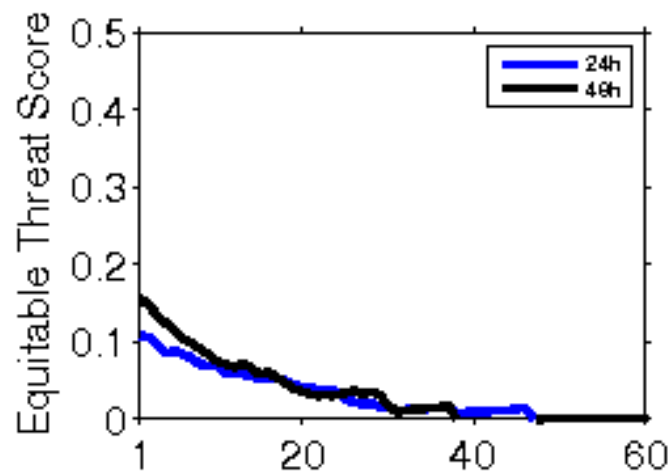
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.33(-0.98)	17.63(8.53)	2.33(1.06)
48 Hour	2.63(-0.47)	20.12(8.42)	2.38(1.34)
72 Hour	2.98(-0.07)	21.55(9.51)	2.61(1.50)



WRF Start Time
00Z 12032019

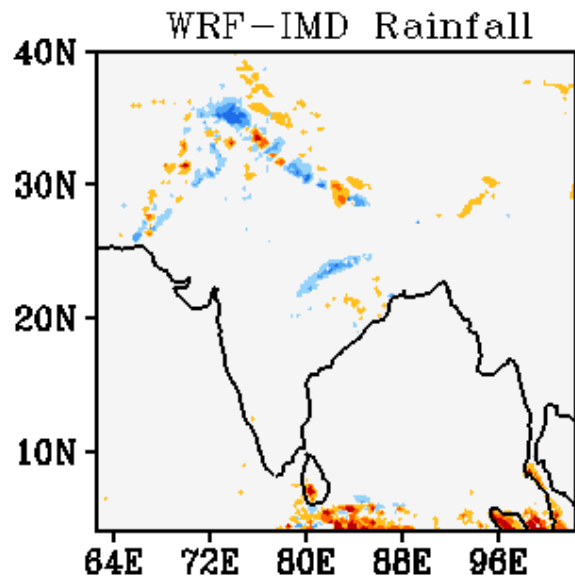
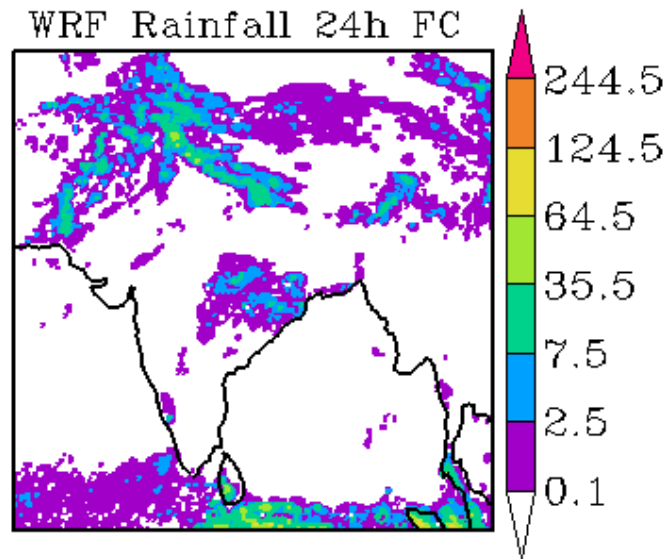
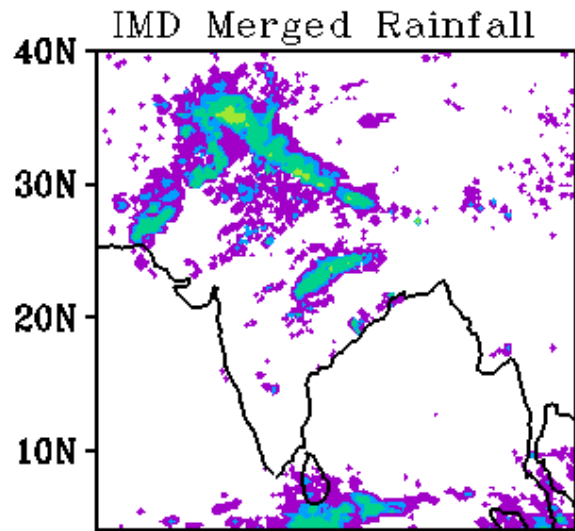
Forecast Period
03Z 12032019-03Z 13032019





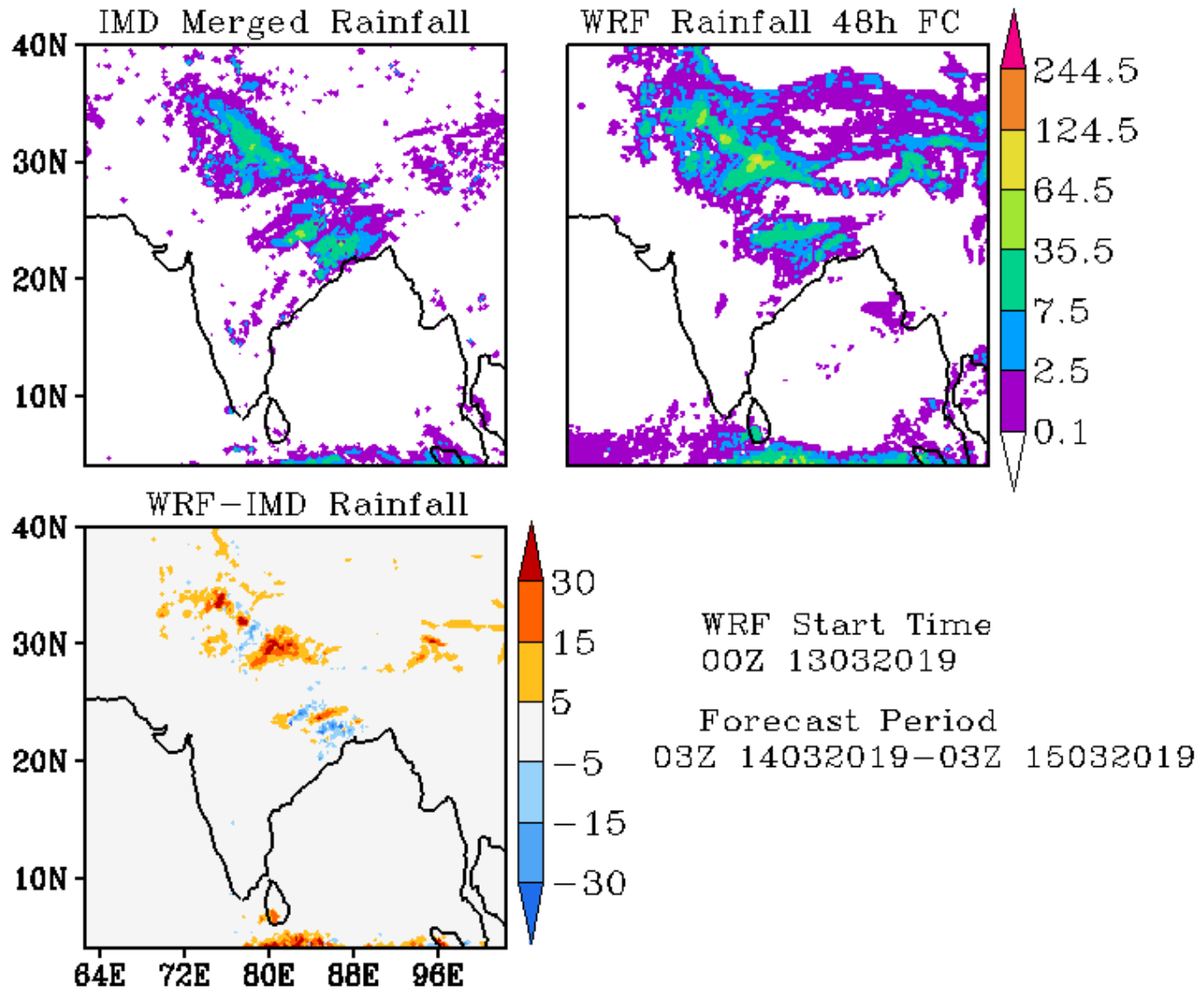
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

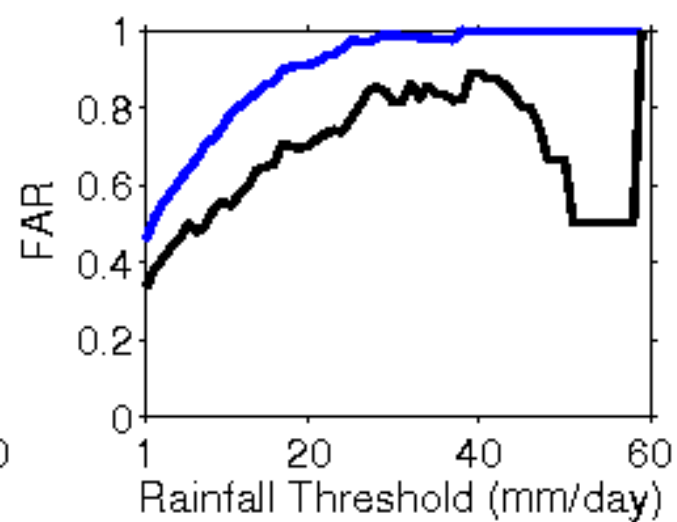
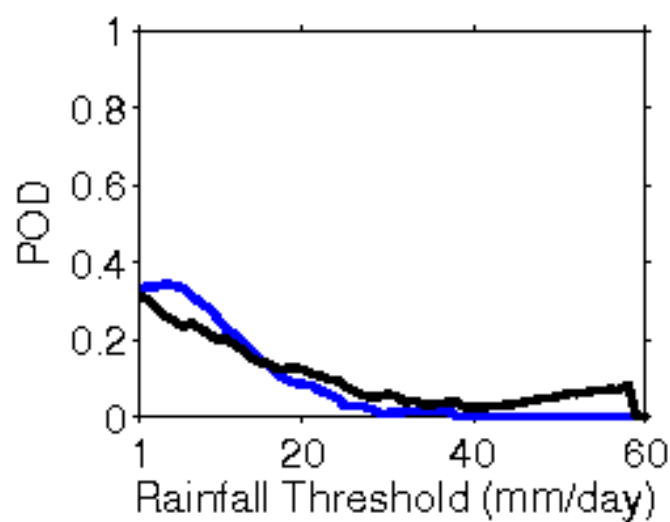
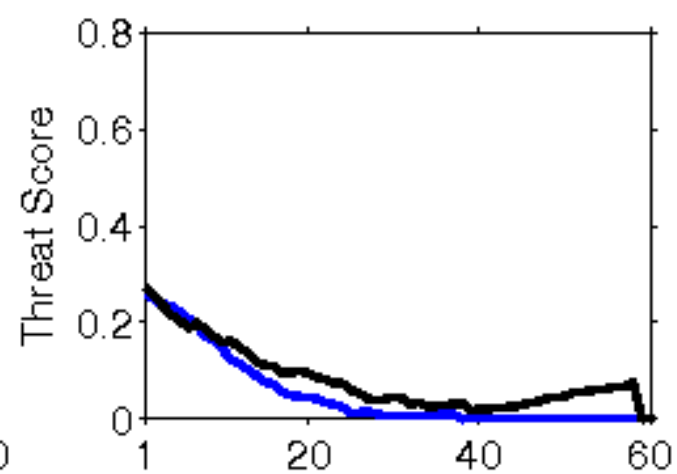
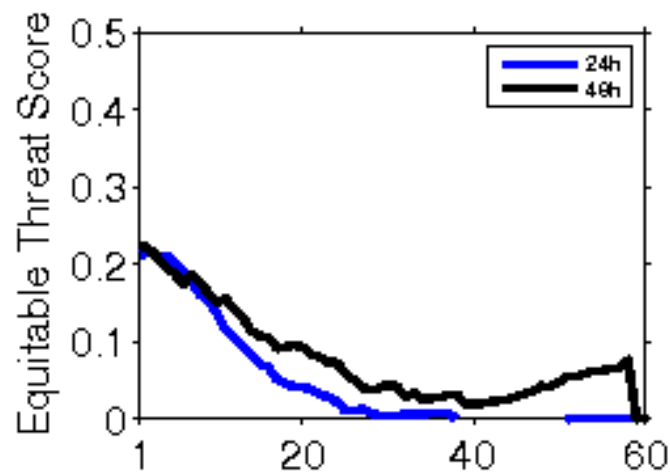
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.11(-1.16)	16.74(7.02)	2.06(0.92)
48 Hour	2.52(-0.89)	21.44(6.63)	2.27(0.98)
72 Hour	2.81(-0.48)	22.98(4.77)	2.41(1.02)

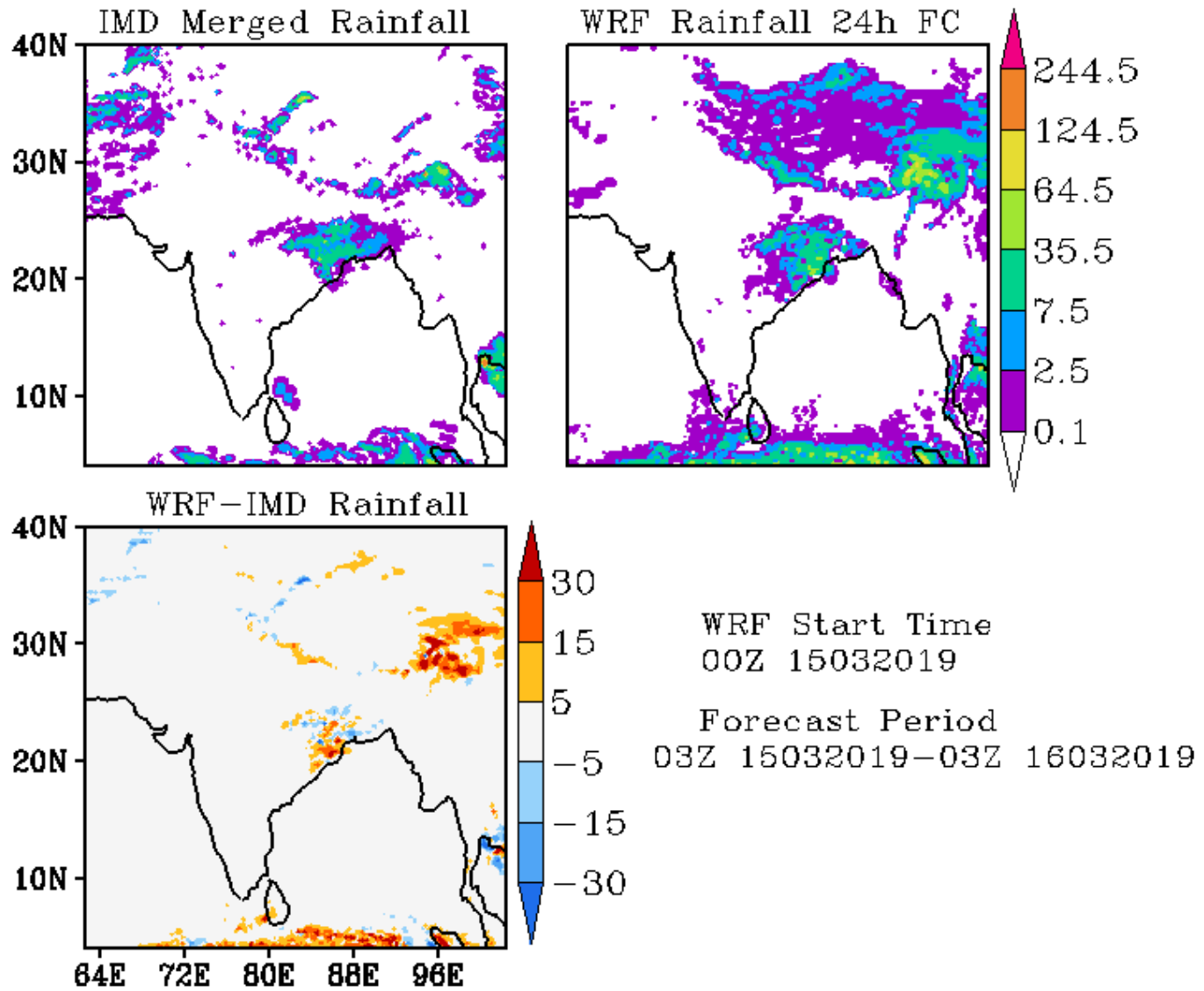


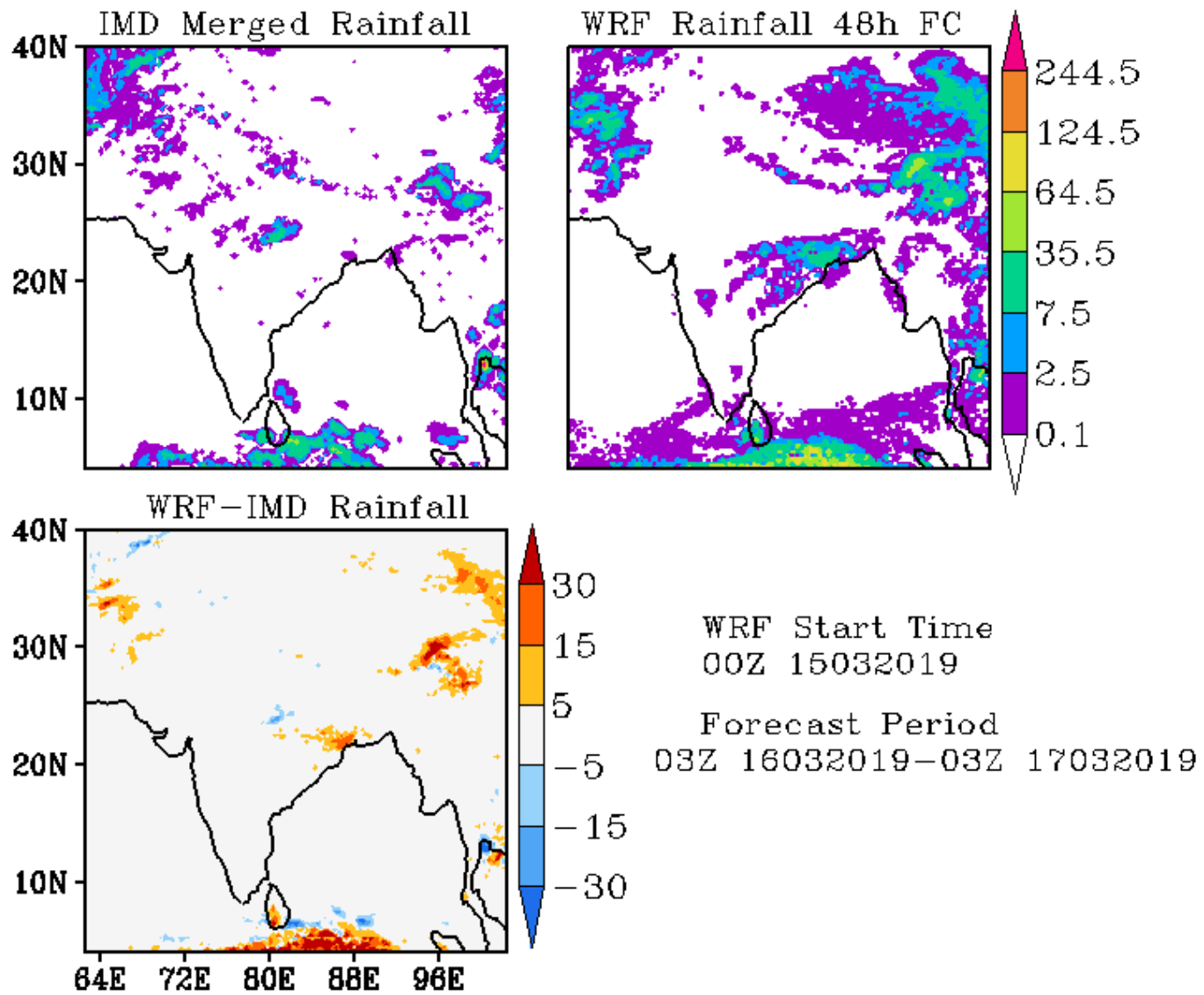
WRF Start Time
00Z 13032019

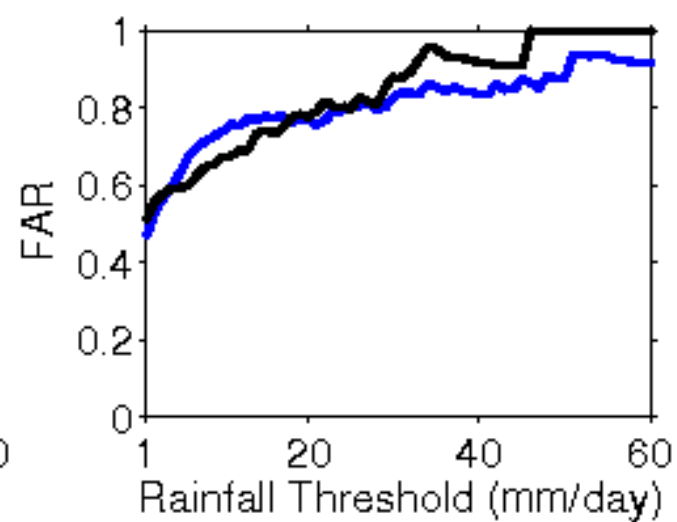
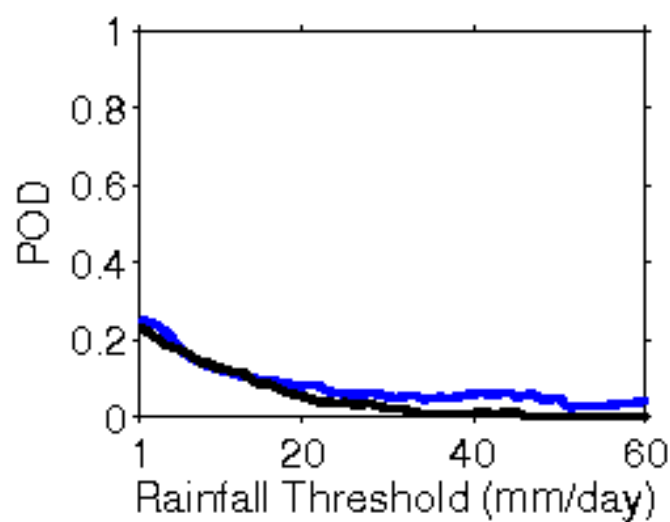
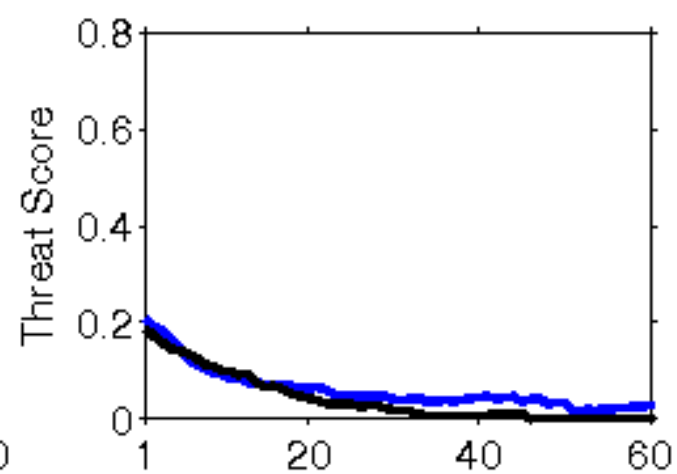
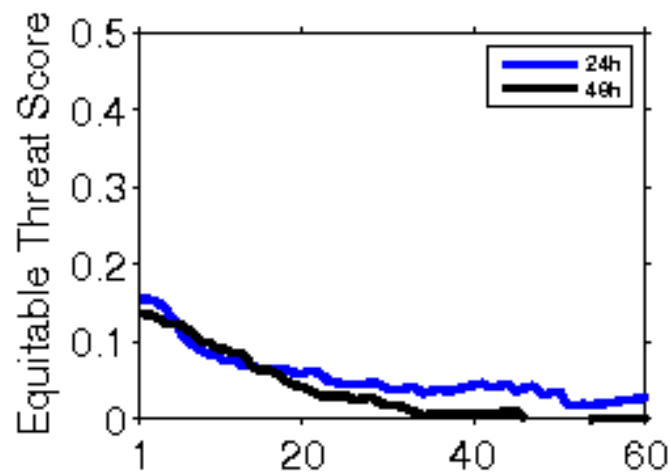
Forecast Period
03Z 13032019-03Z 14032019

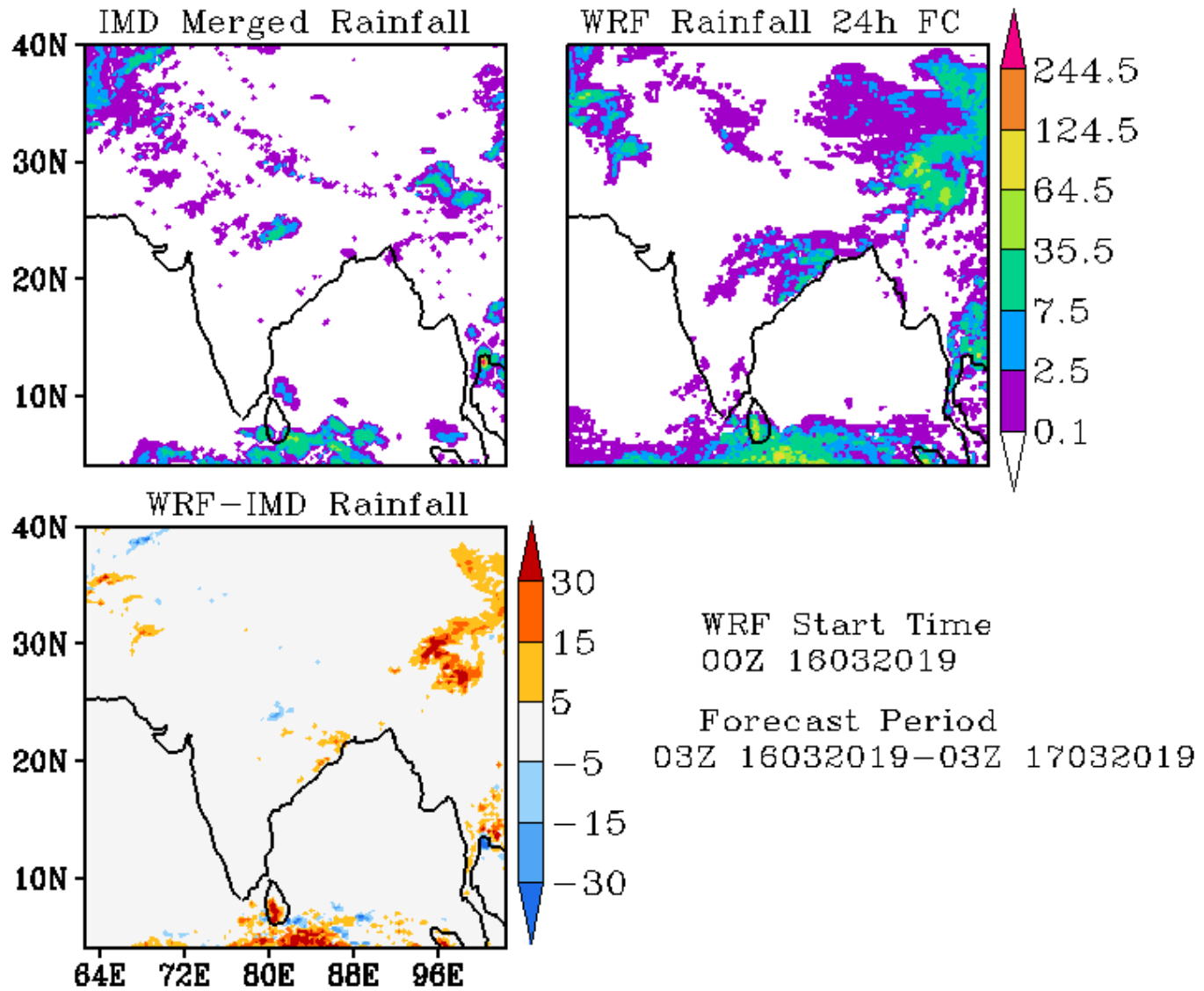


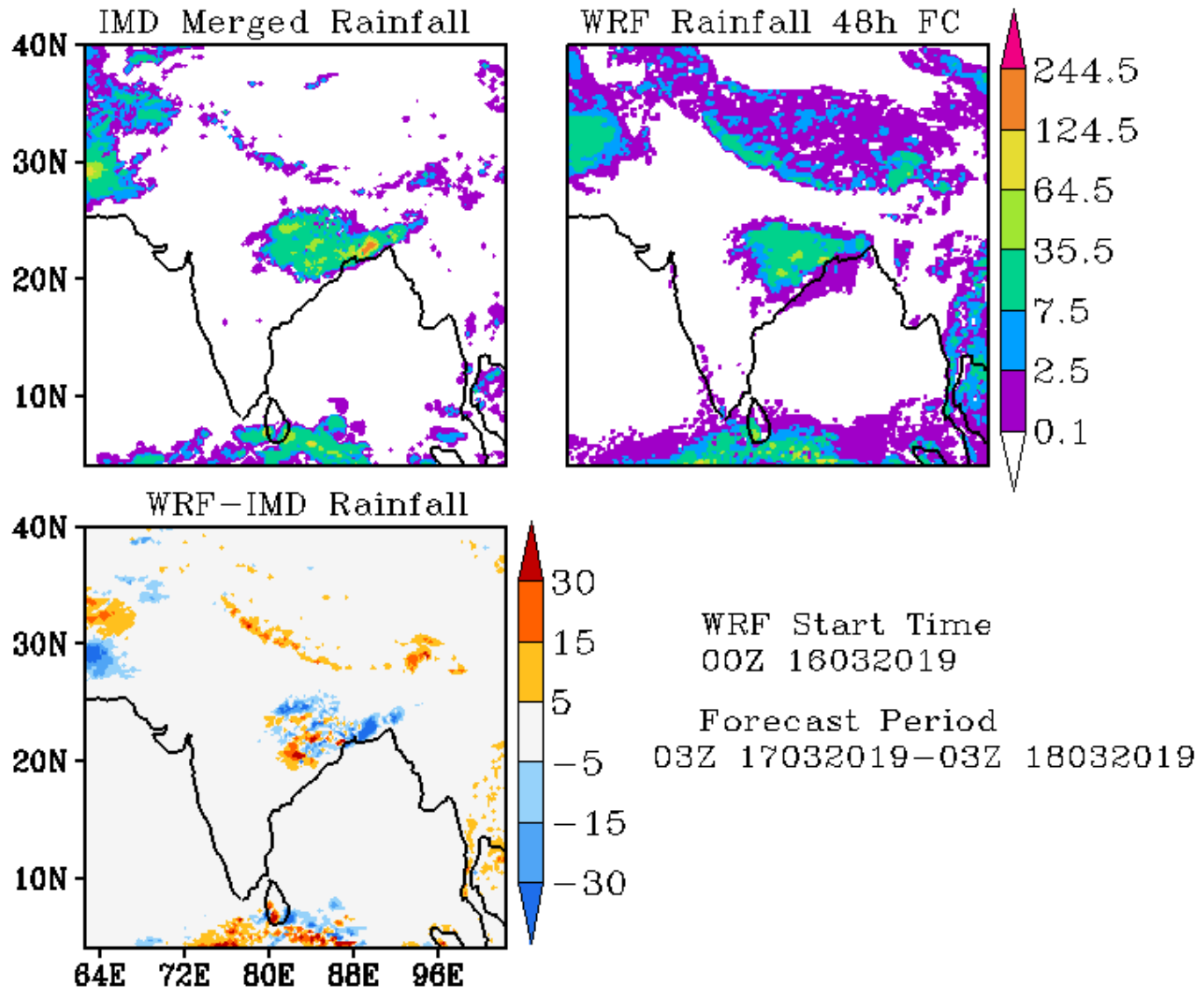


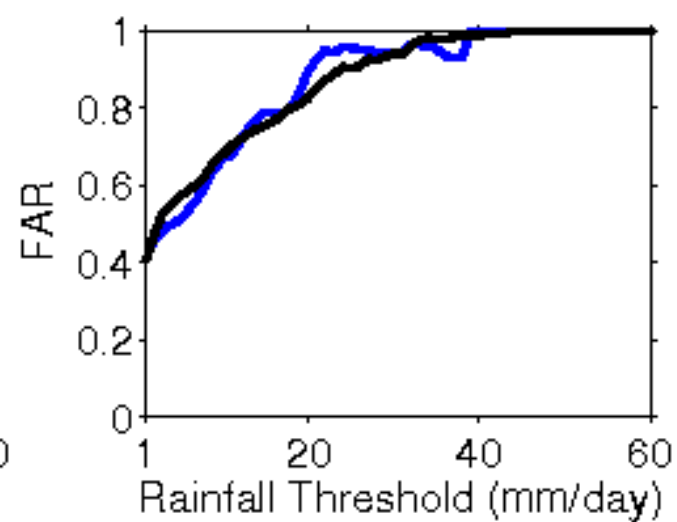
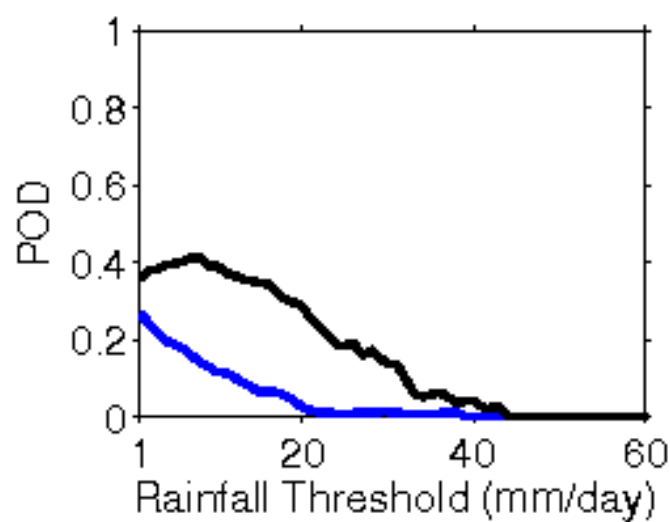
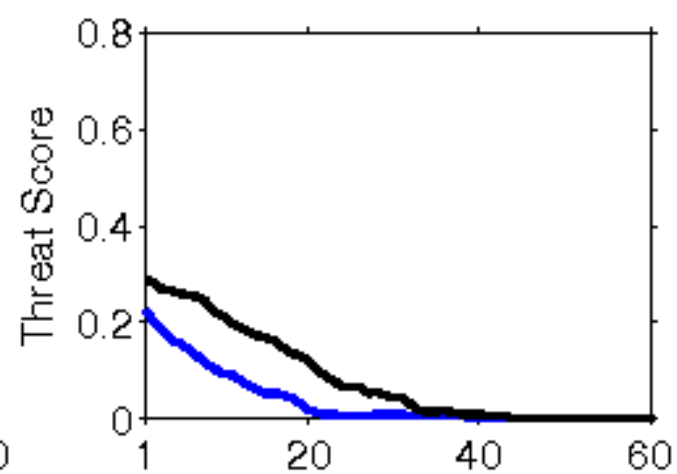
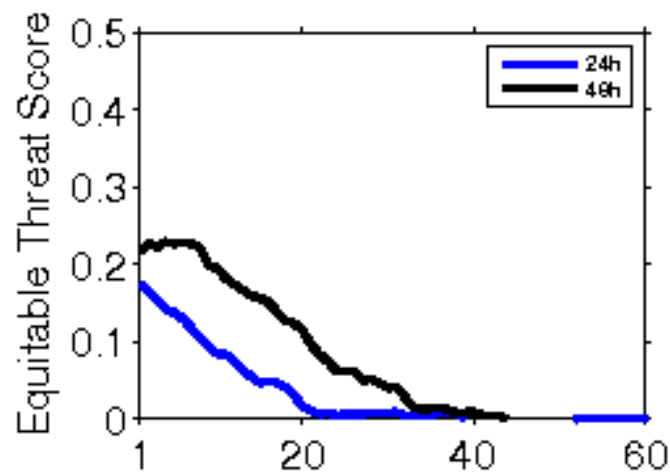


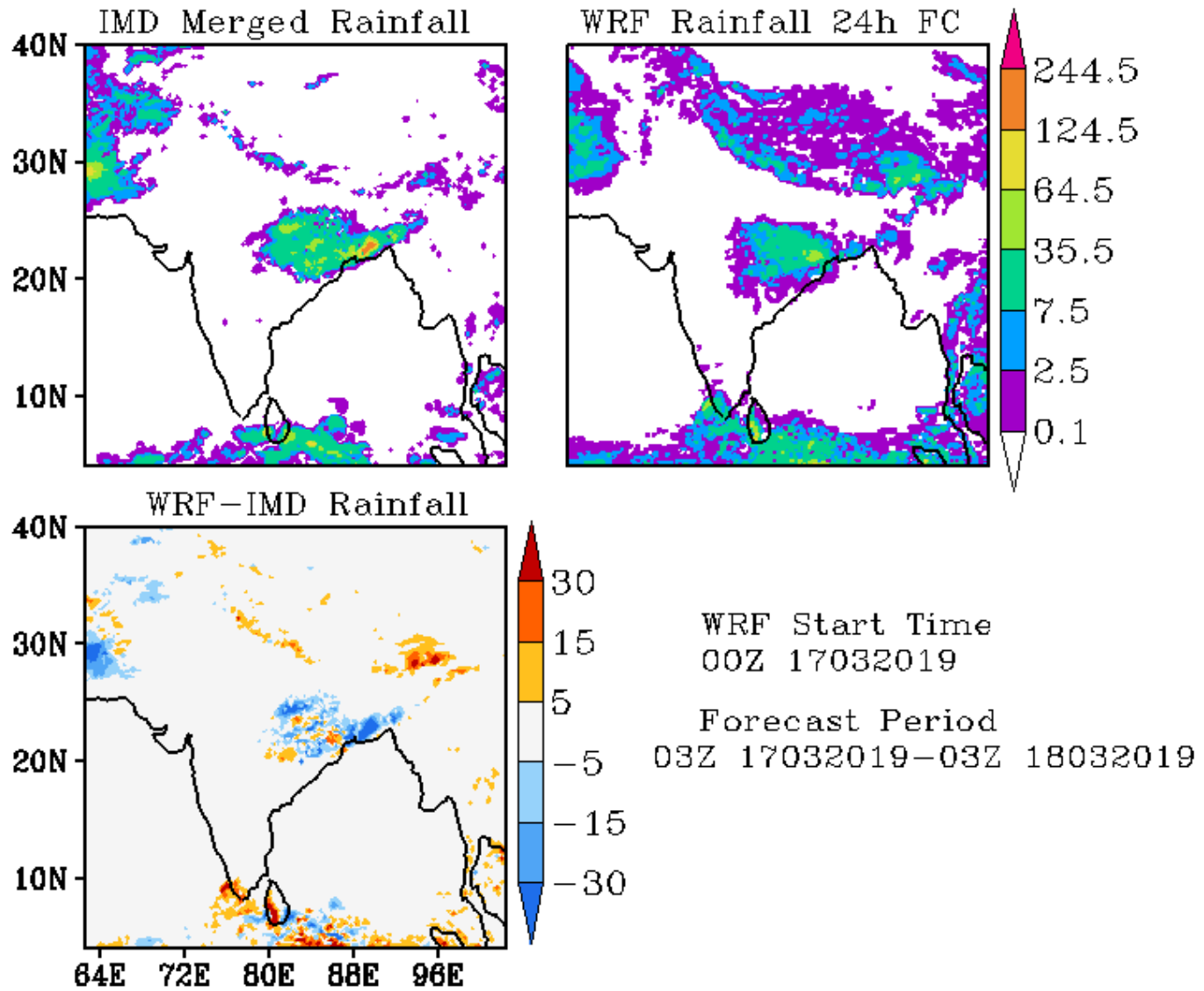


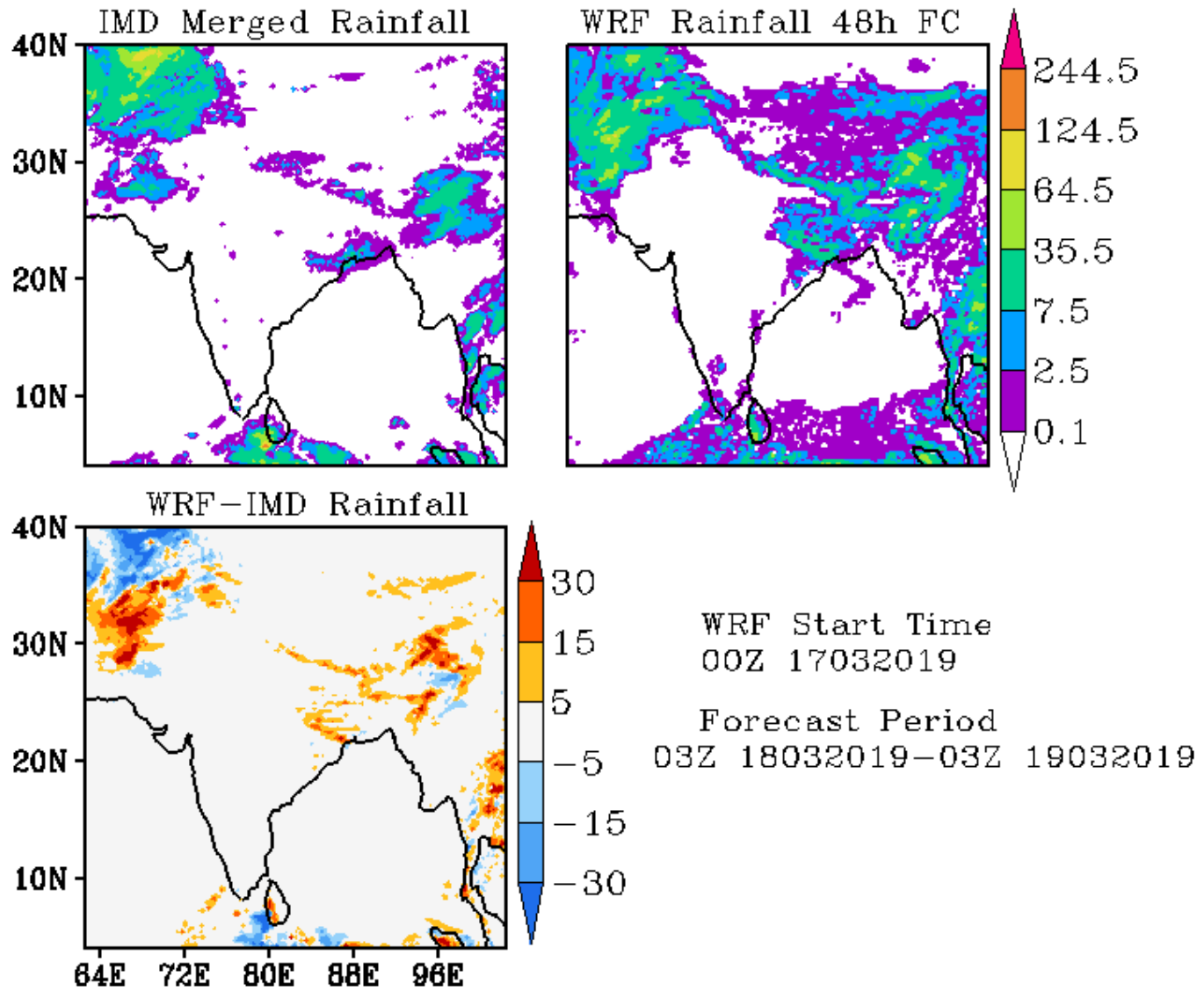


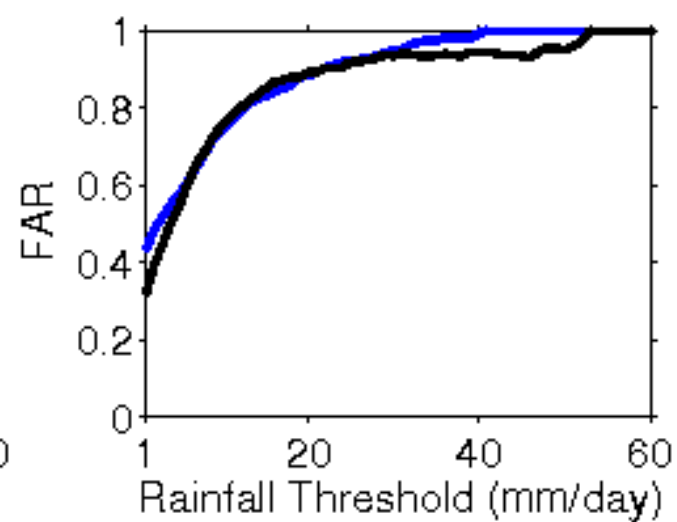
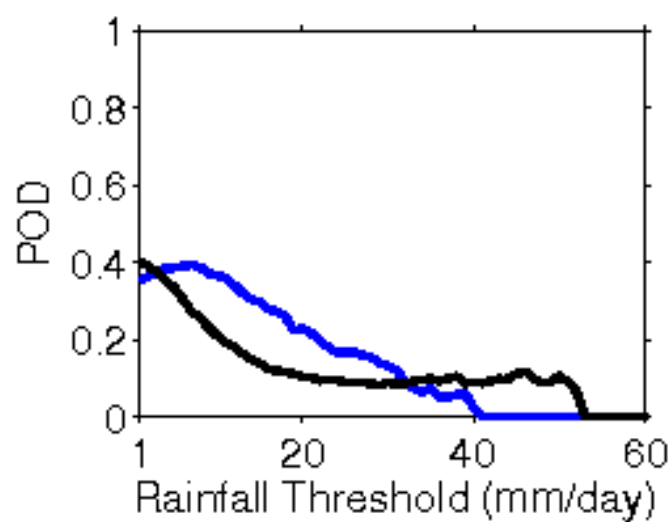
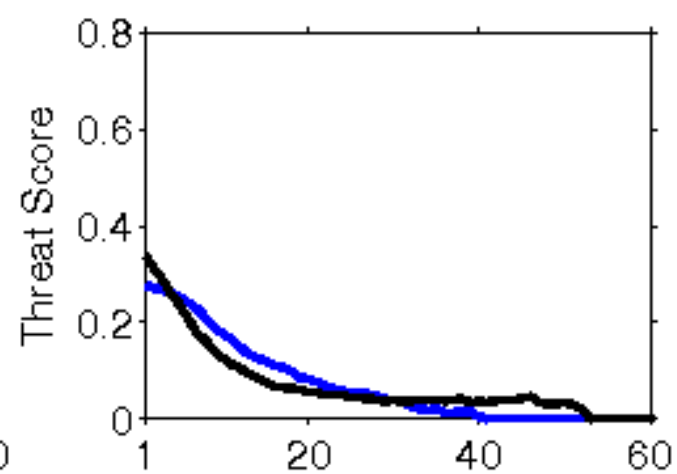
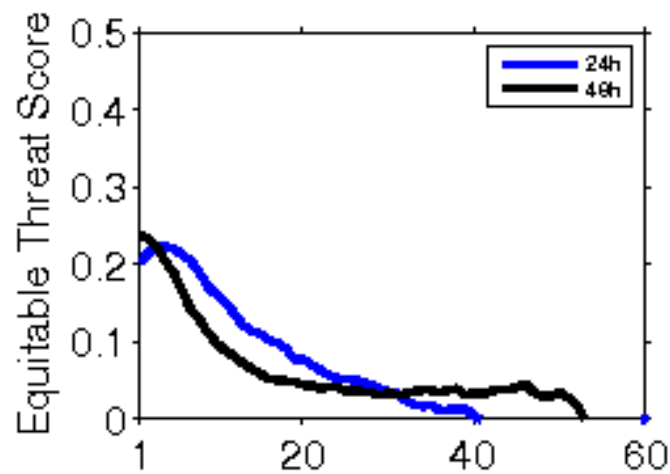






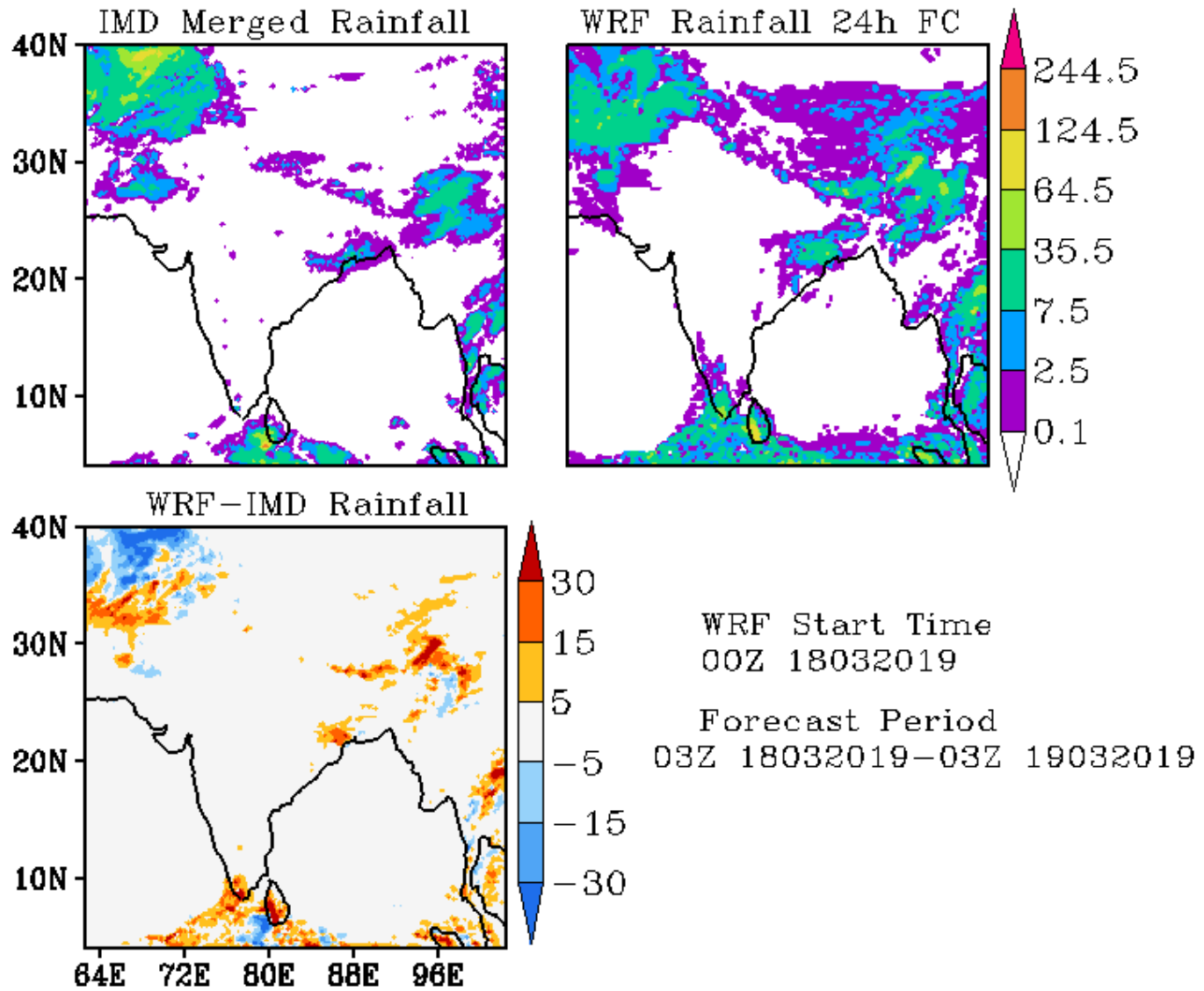


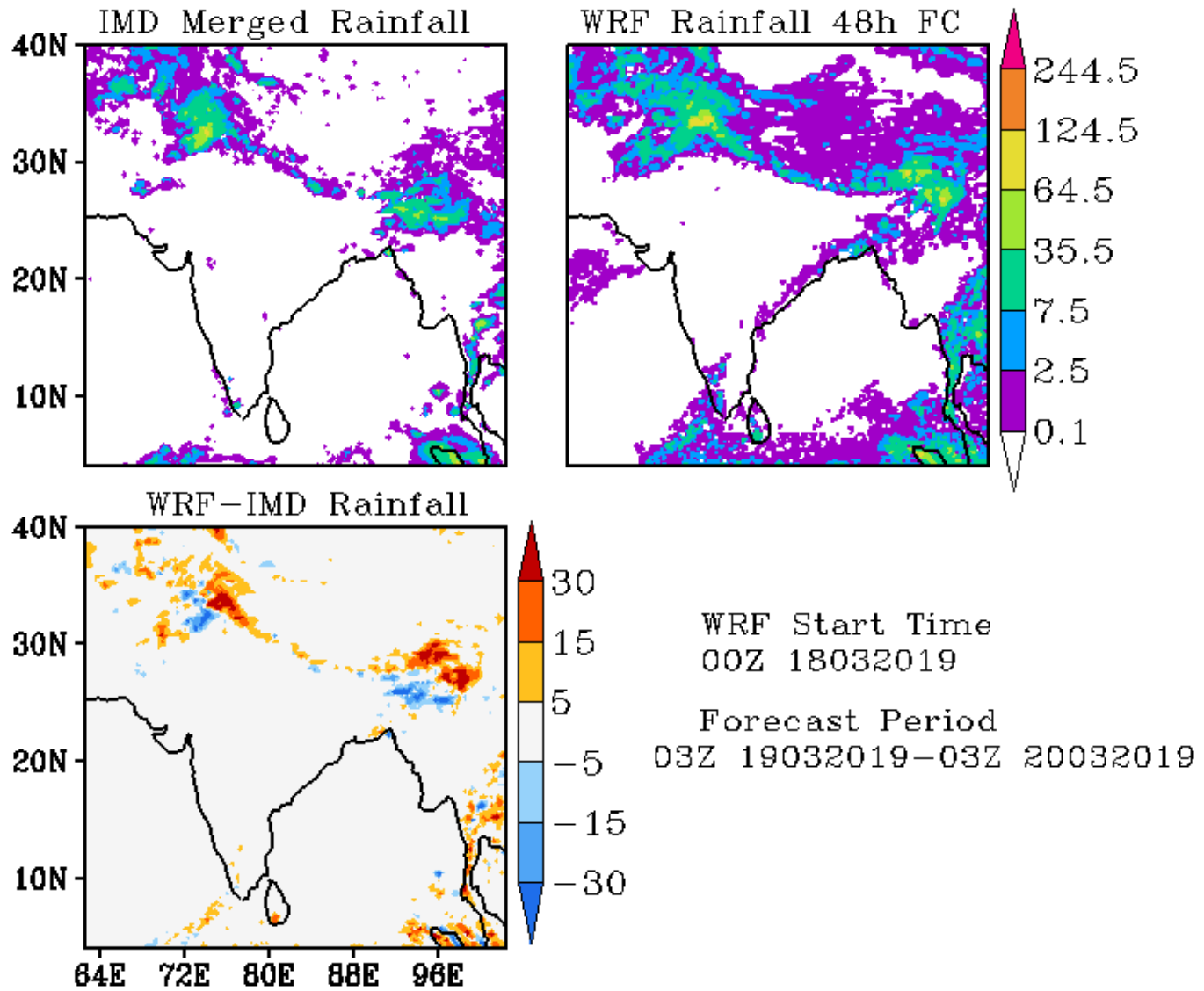


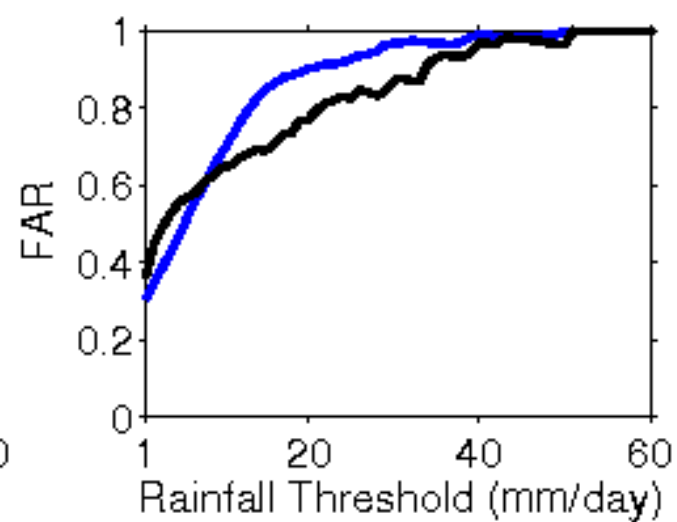
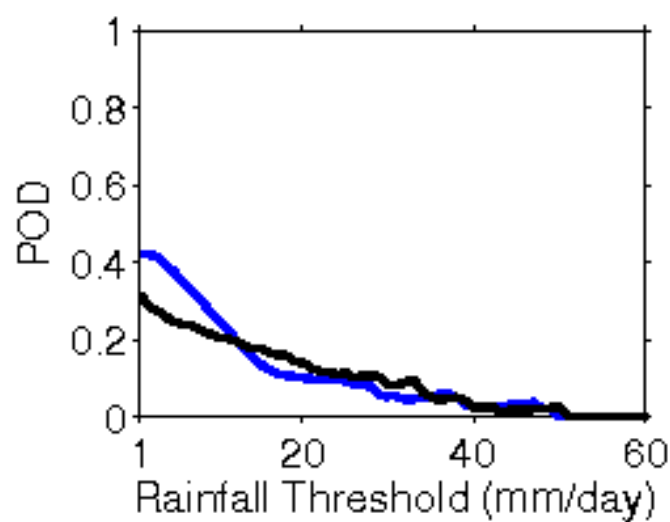
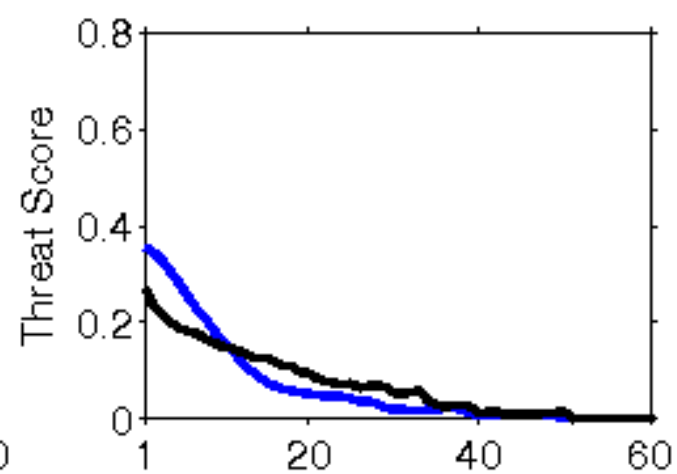
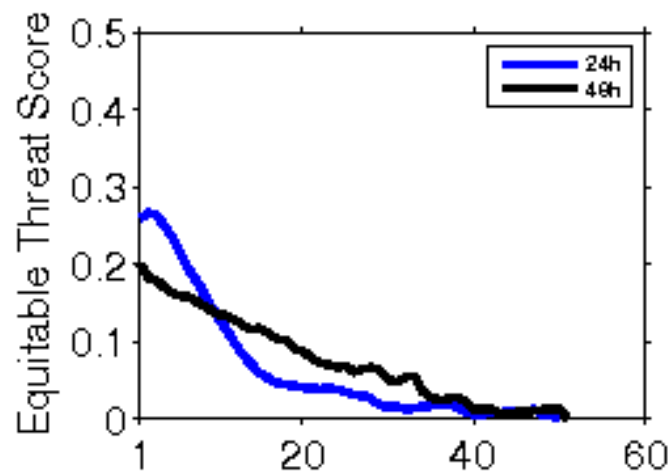


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.07(-1.04)	17.02(8.64)	2.09(0.97)
48 Hour	2.53(-0.92)	21.97(9.19)	2.71(1.16)
72 Hour	2.63(-0.88)	22.56(7.59)	2.92(1.05)

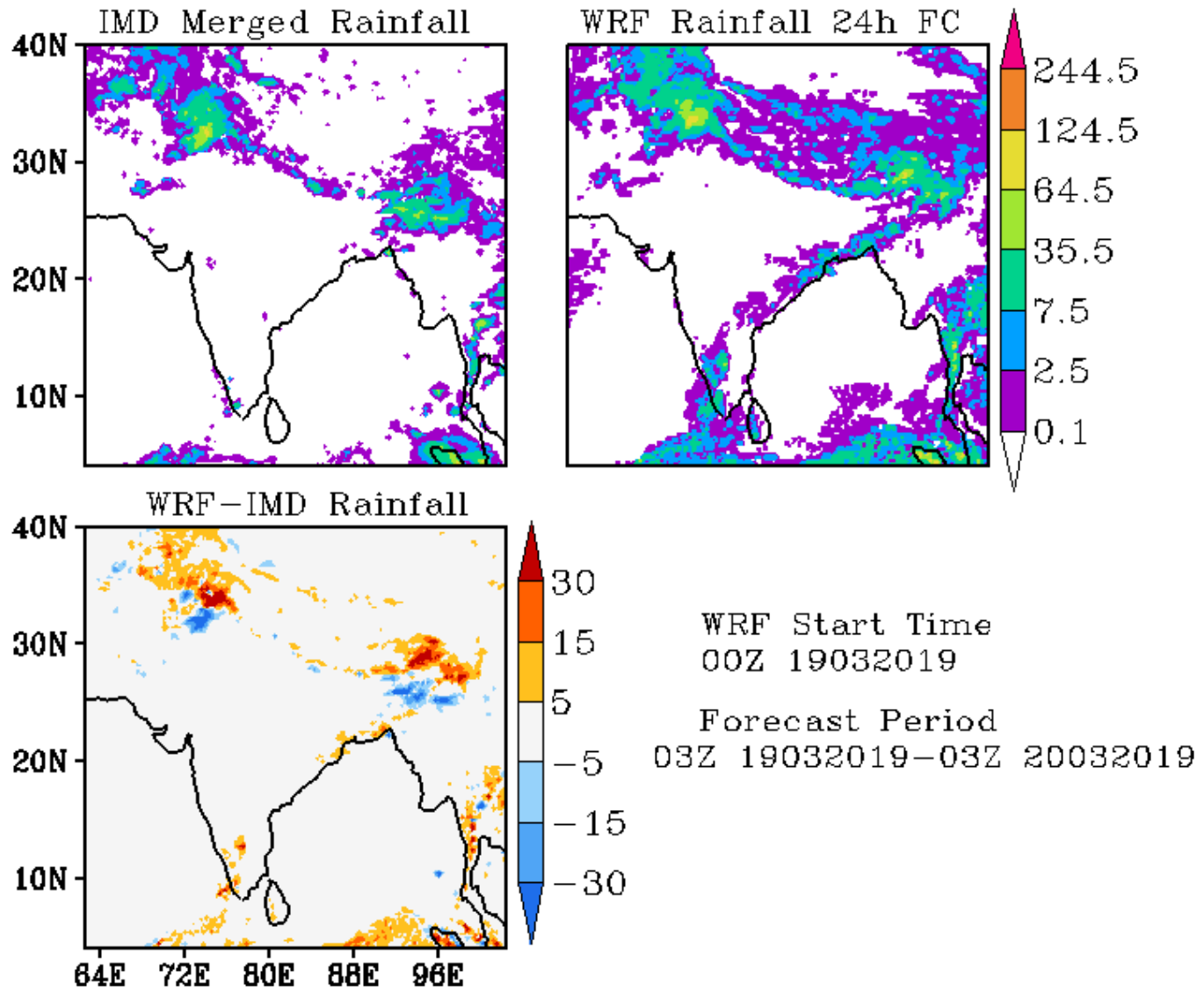


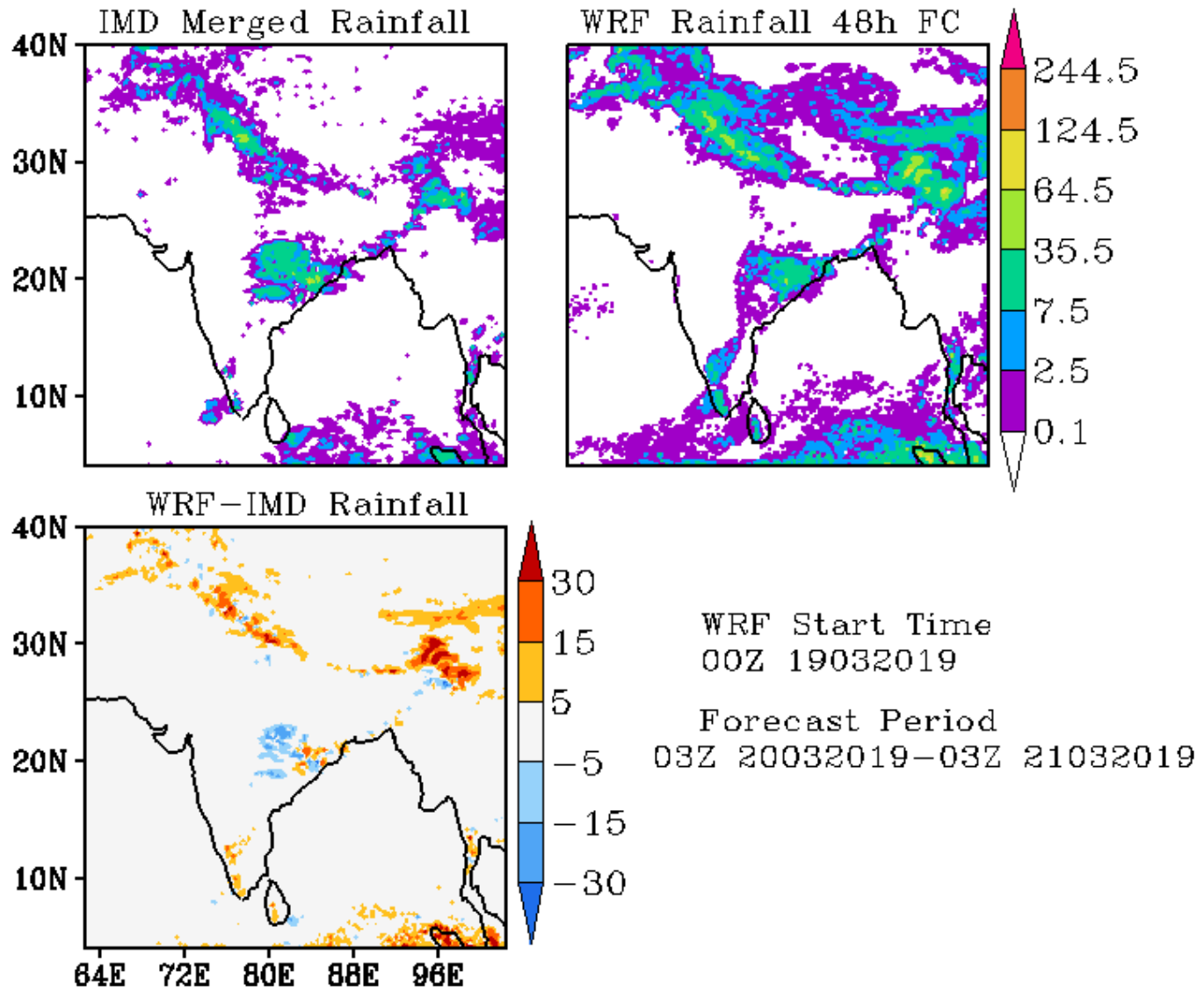


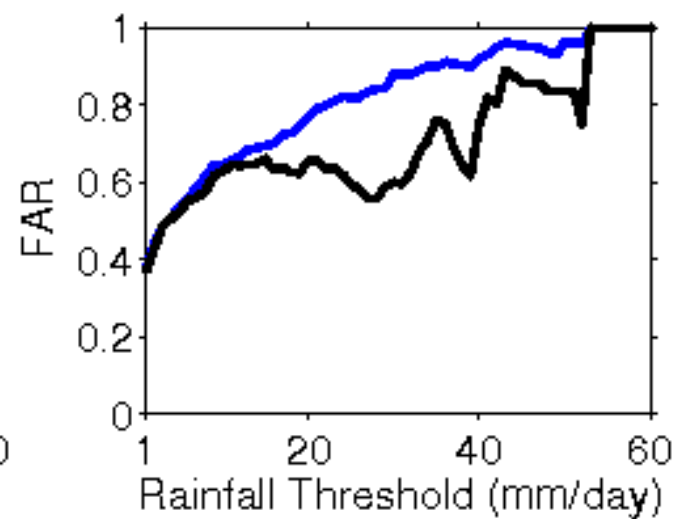
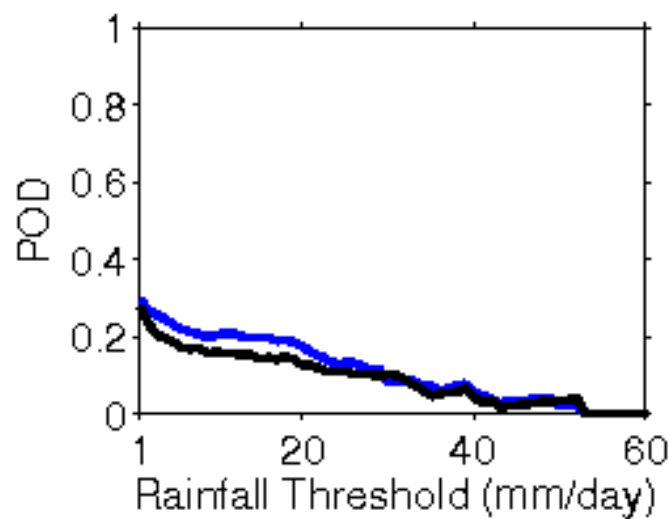
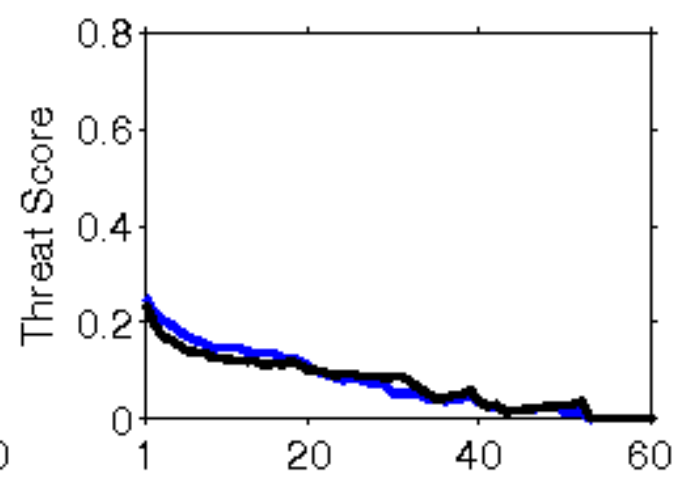
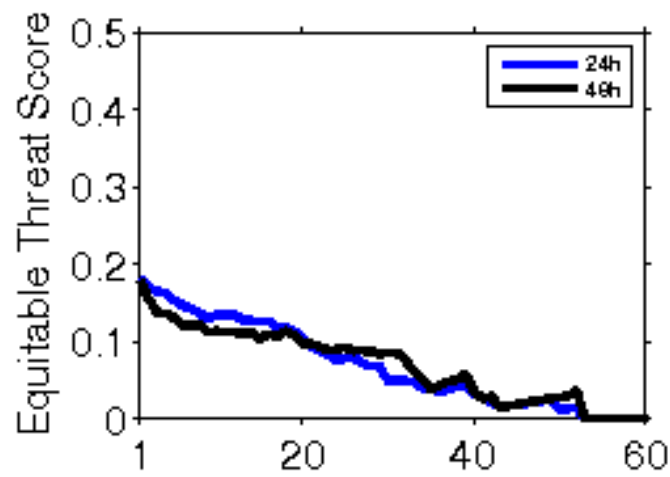


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.16(-1.22)	18.24(9.61)	2.22(1.06)
48 Hour	2.54(-0.81)	22.62(10.55)	2.48(1.22)
72 Hour	2.62(-0.57)	21.40(10.00)	2.66(1.37)

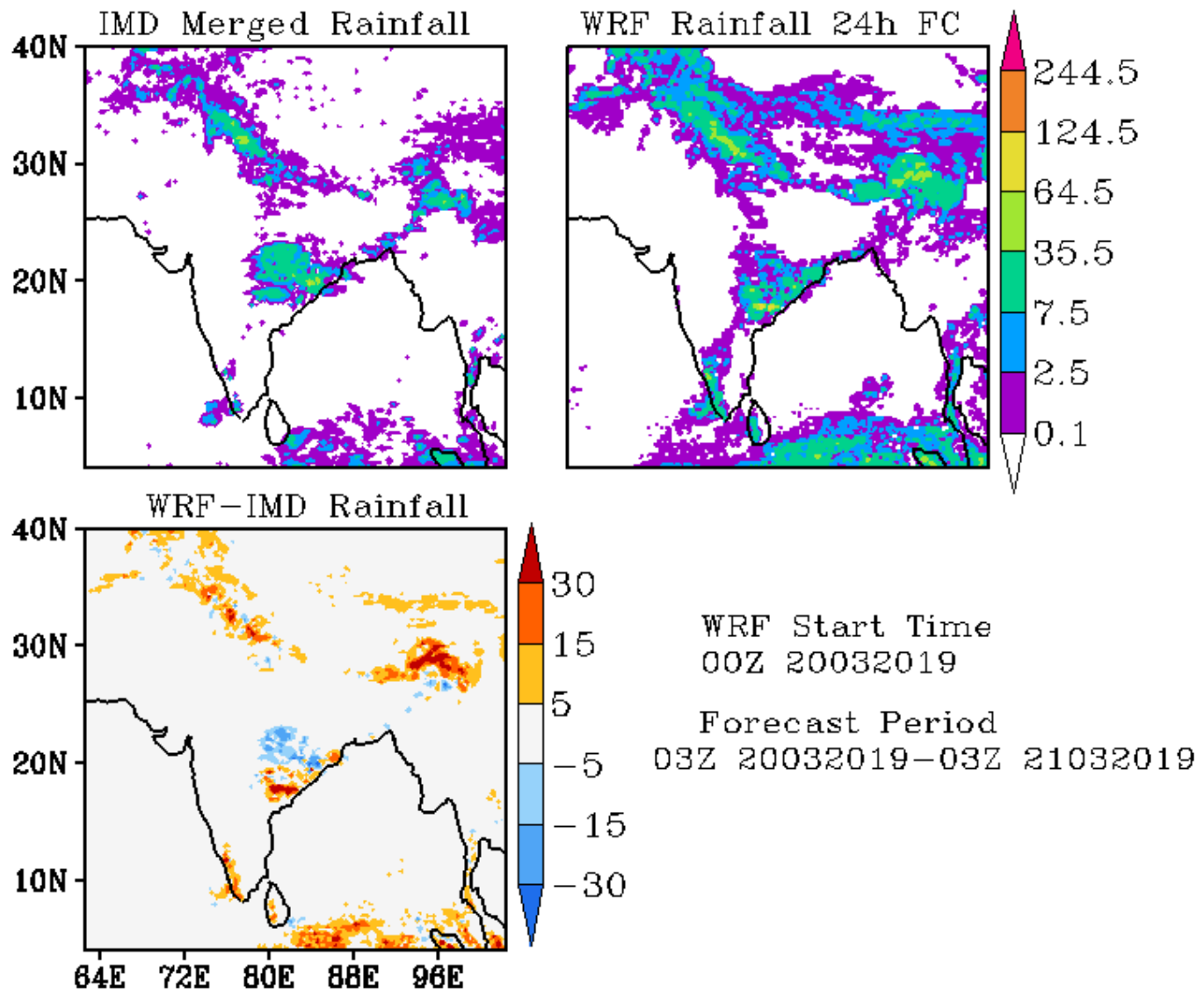


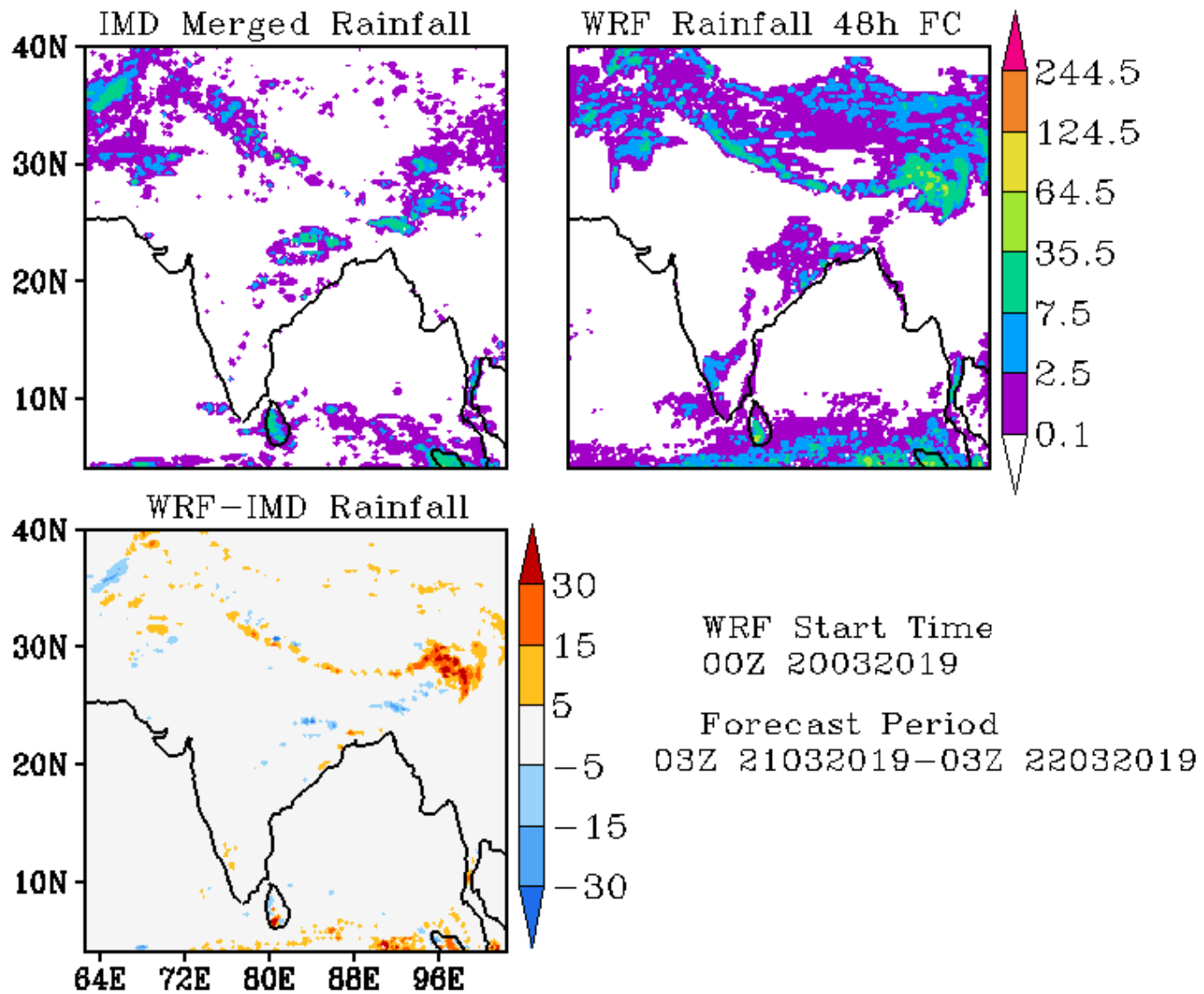


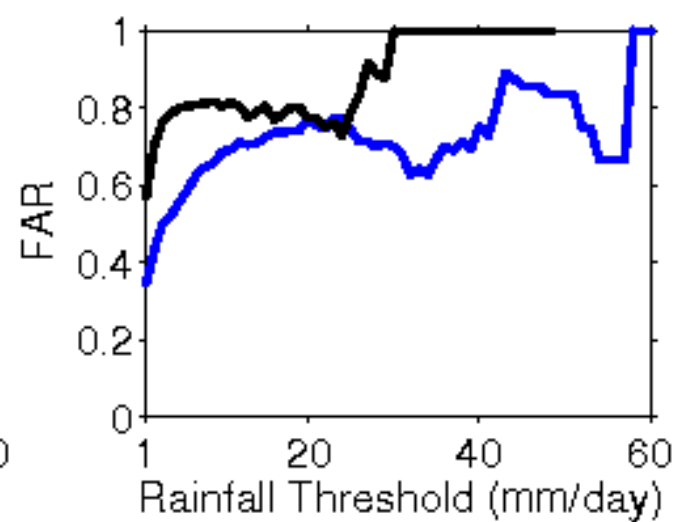
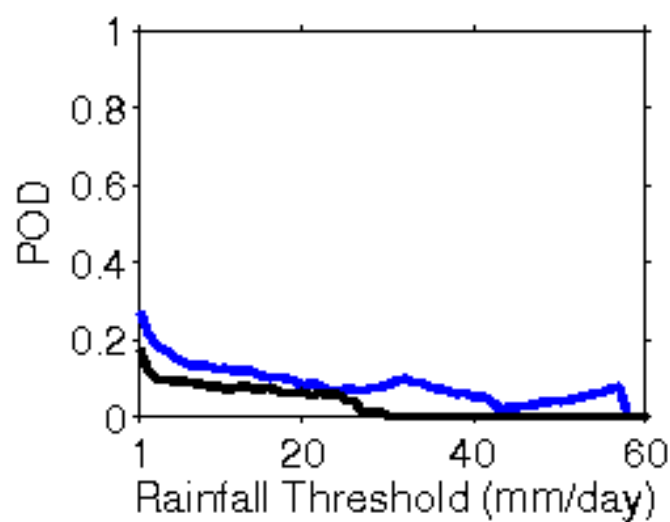
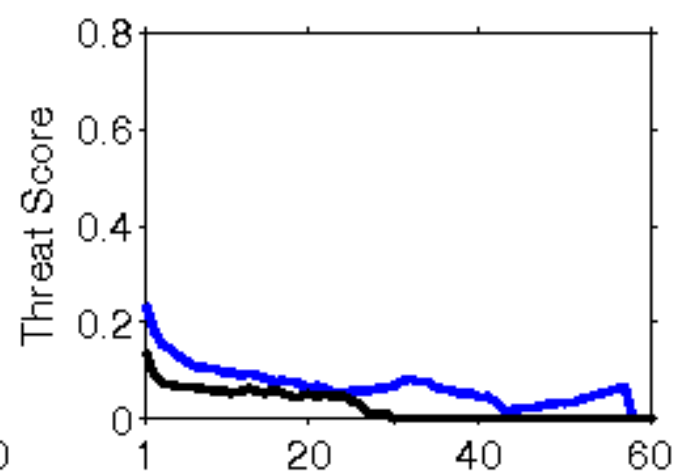
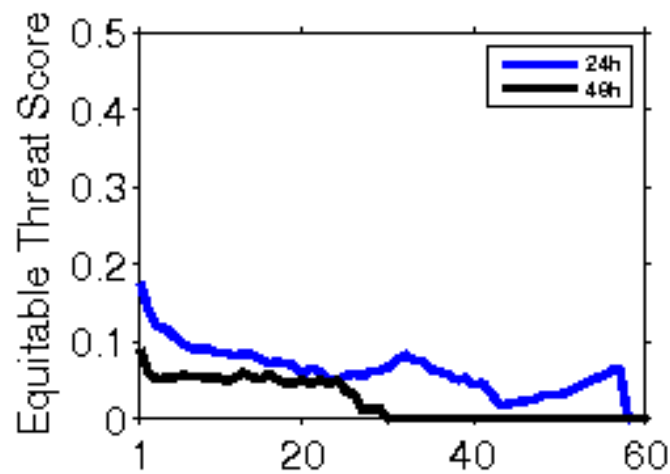


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.02(-0.89)	16.85(8.46)	2.38(1.29)
48 Hour	2.72(-0.71)	20.57(10.05)	2.53(1.40)
72 Hour	2.80(-0.29)	20.83(9.76)	2.52(1.55)

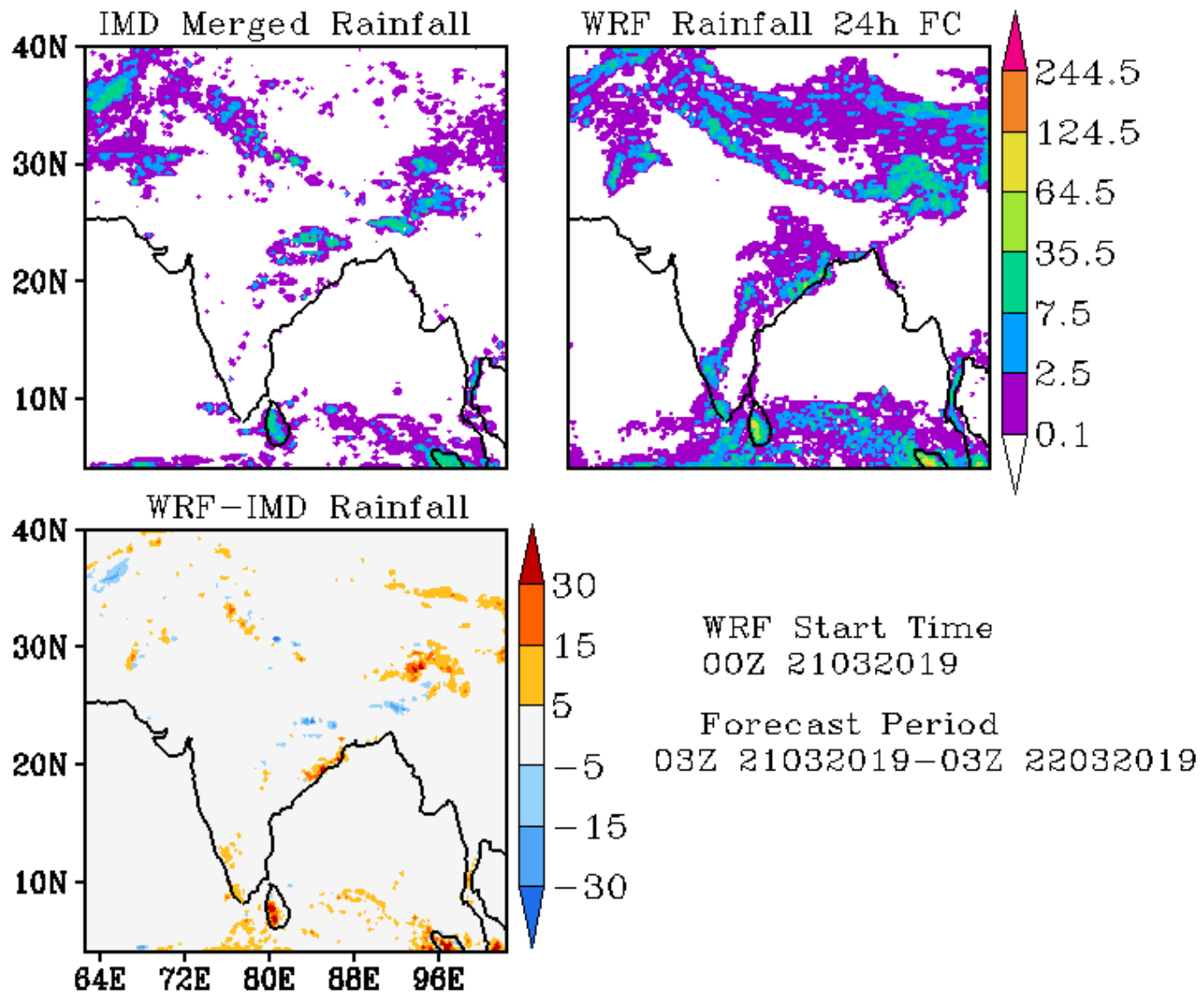


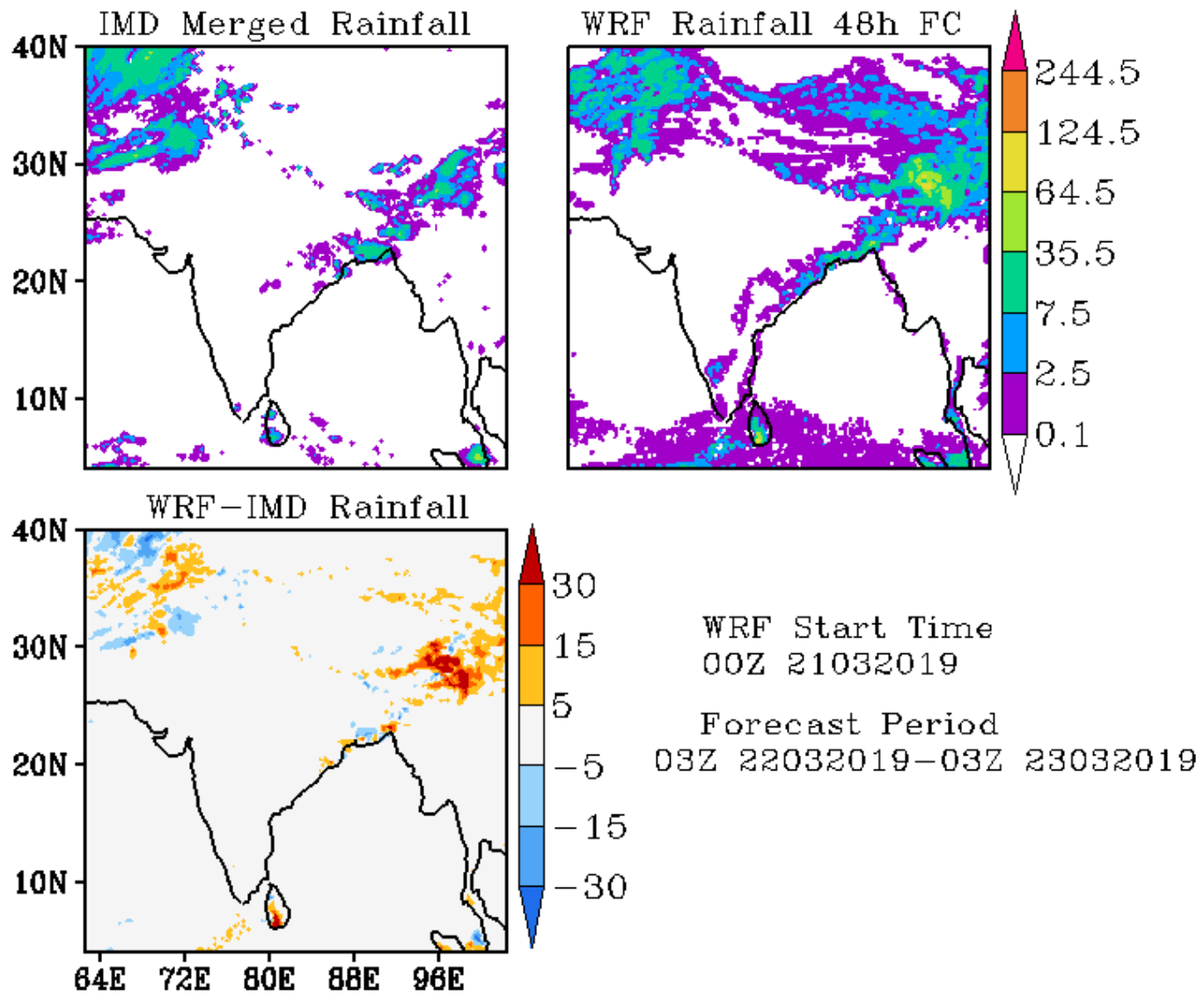


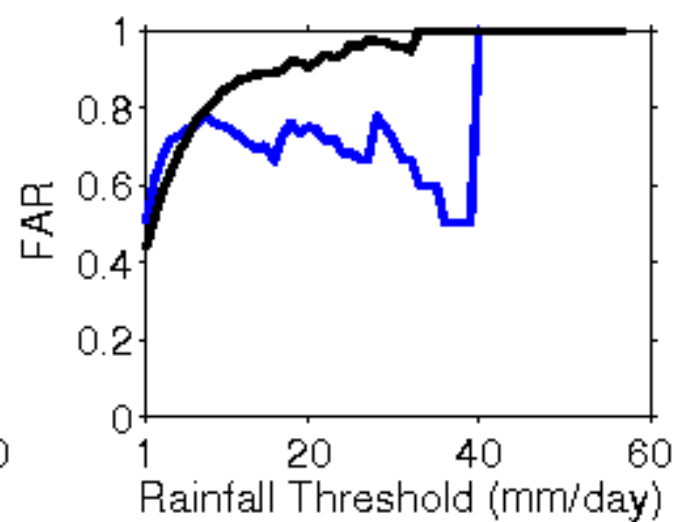
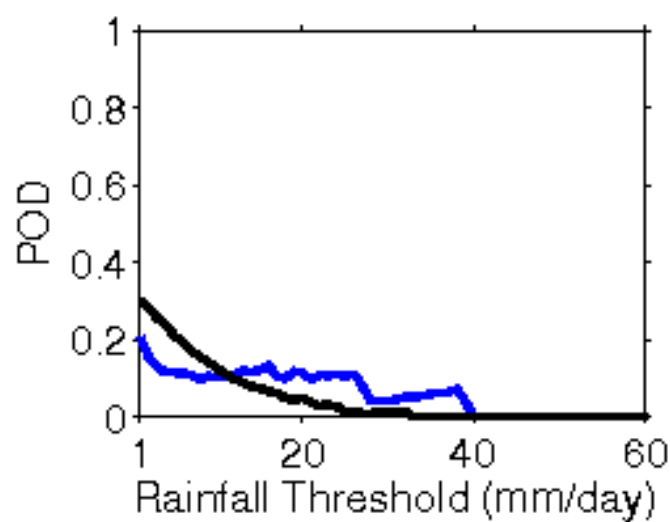
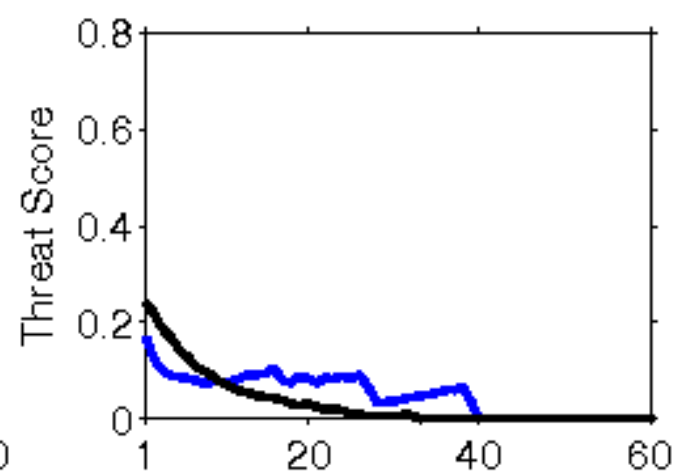
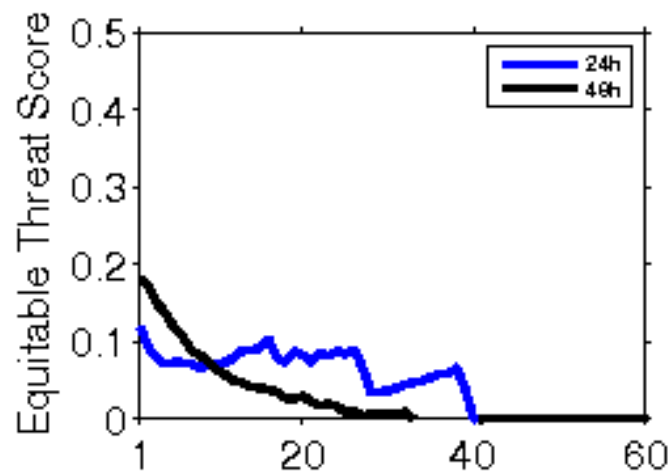


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.23(-1.11)	17.55(8.41)	2.19(0.95)
48 Hour	2.45(-0.77)	20.04(8.84)	2.47(1.12)
72 Hour	2.64(-0.42)	19.95(8.44)	2.50(1.38)

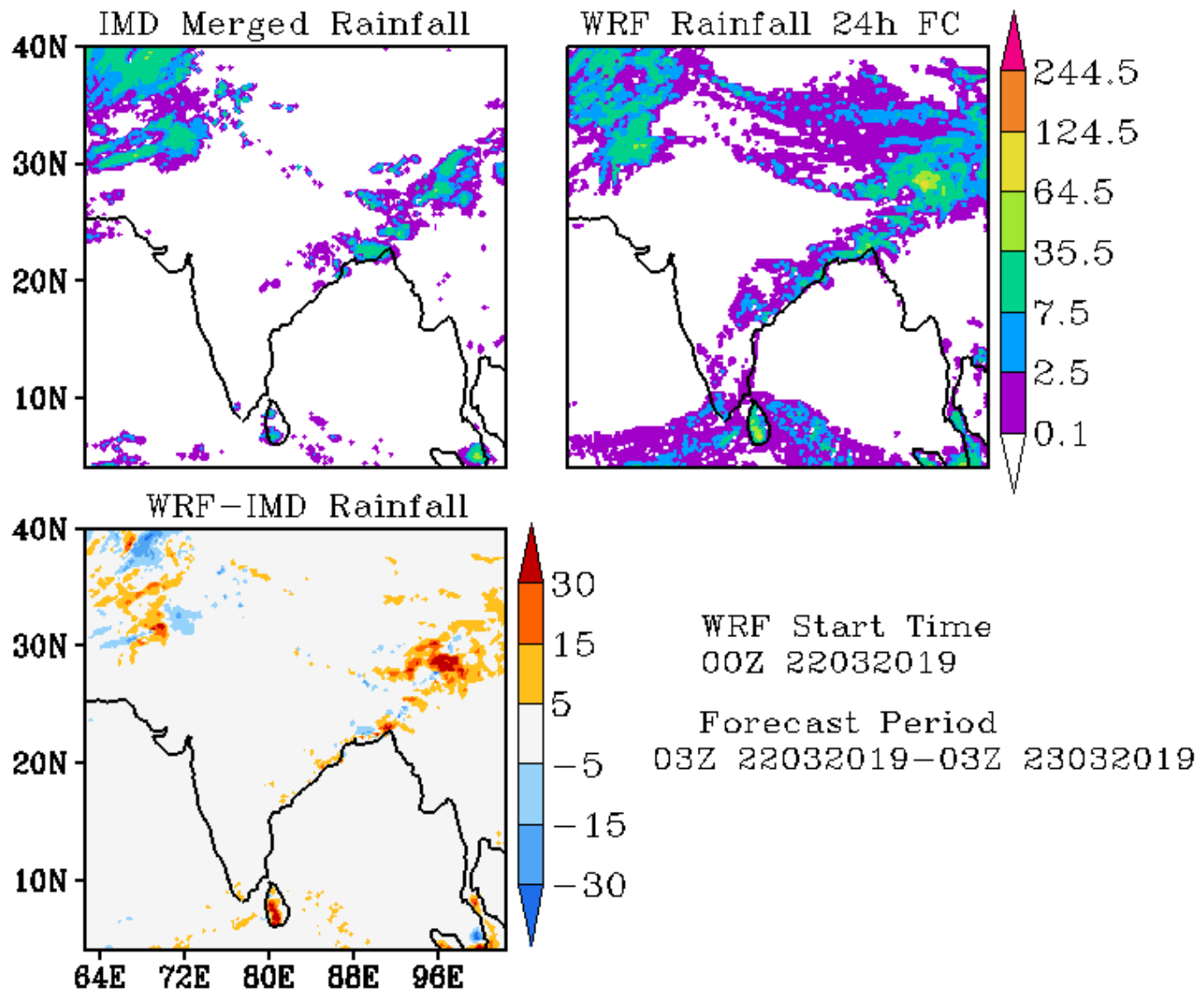


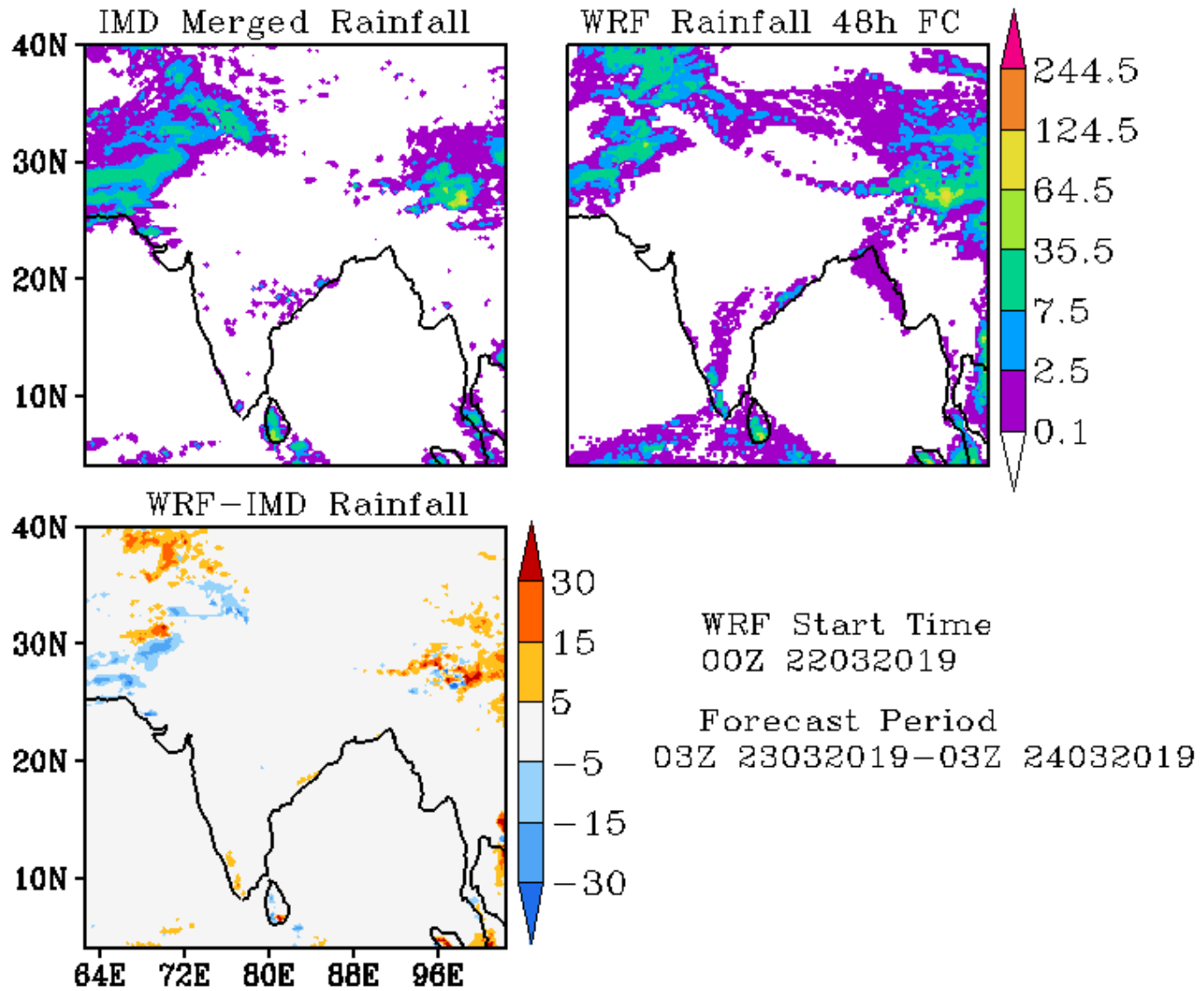


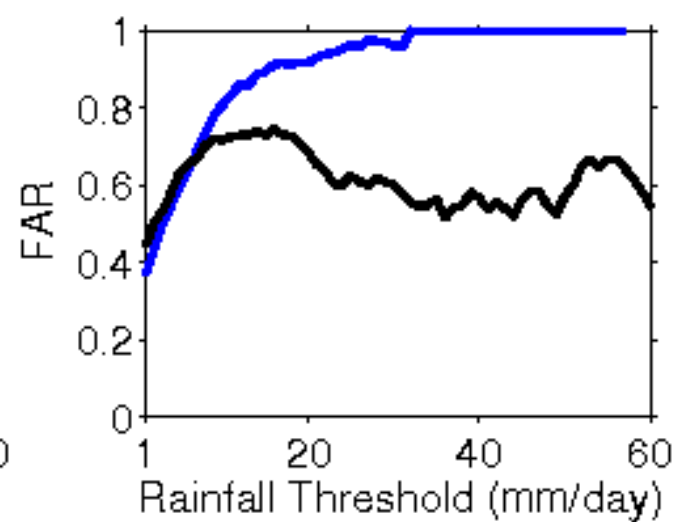
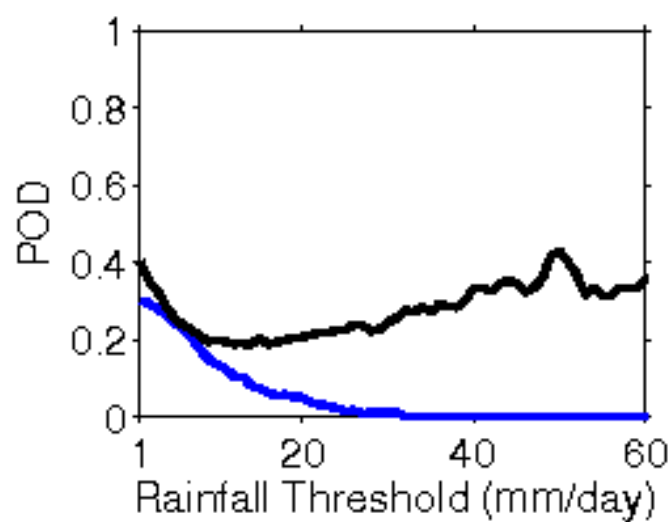
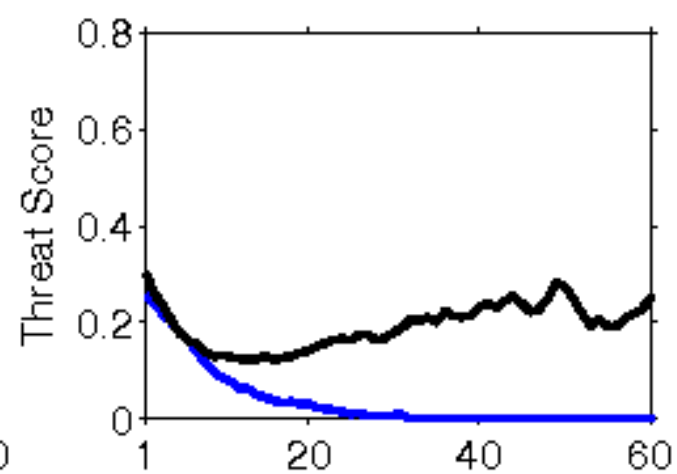
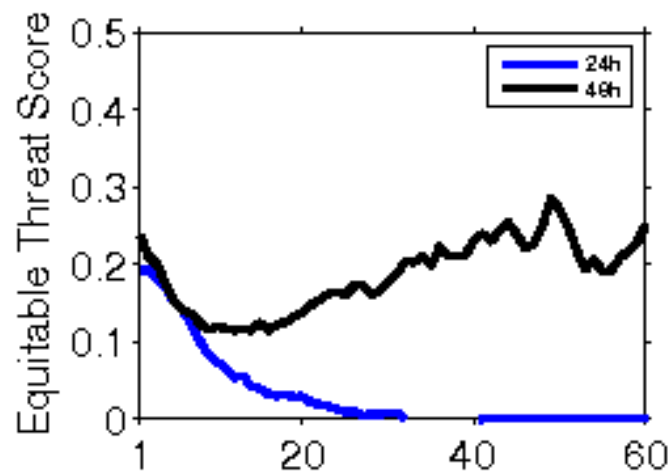


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.11(-1.14)	17.81(7.92)	1.96(1.12)
48 Hour	2.55(-0.98)	18.49(7.11)	2.54(1.28)
72 Hour	2.24(-0.77)	20.49(7.57)	2.50(1.30)

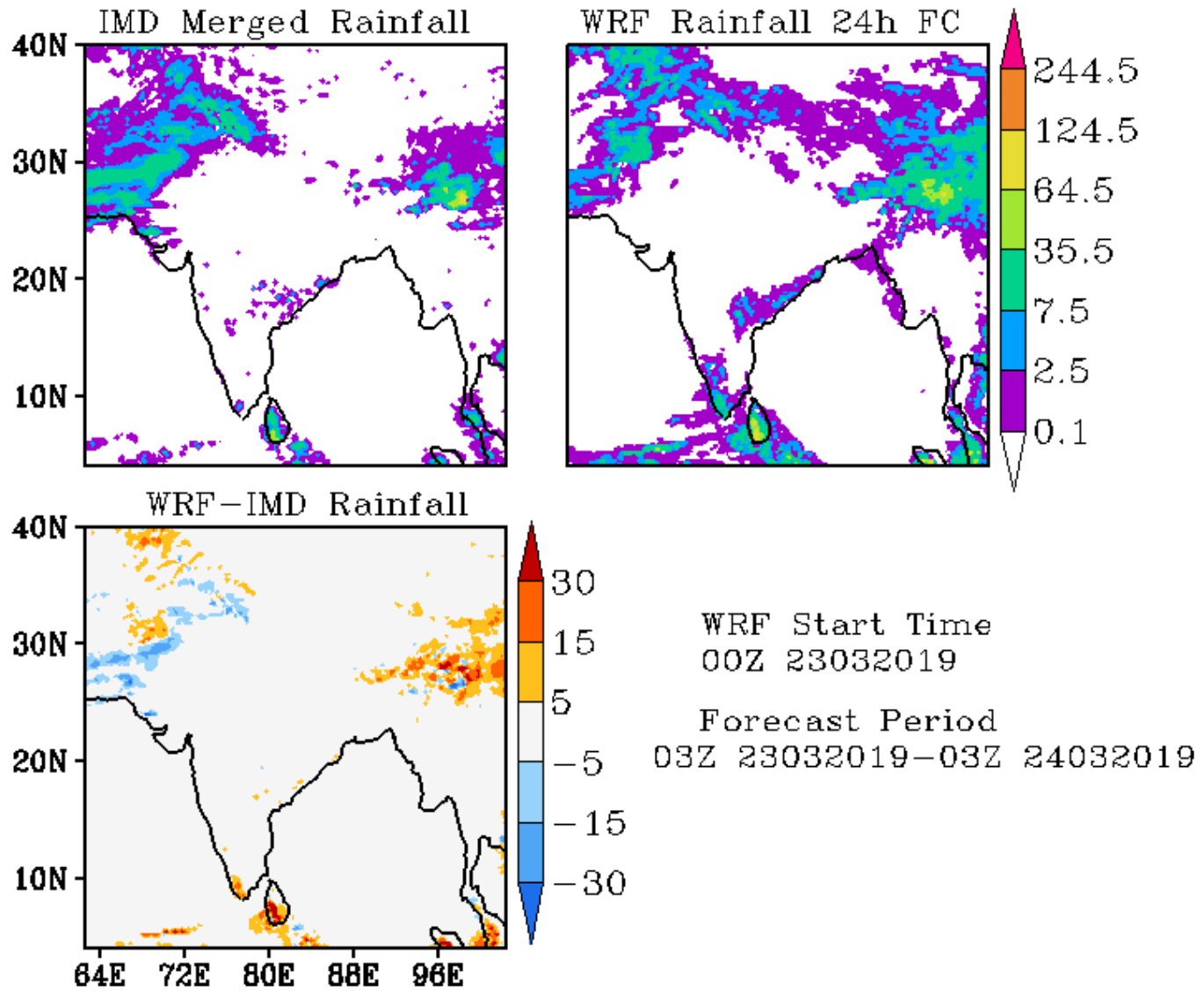


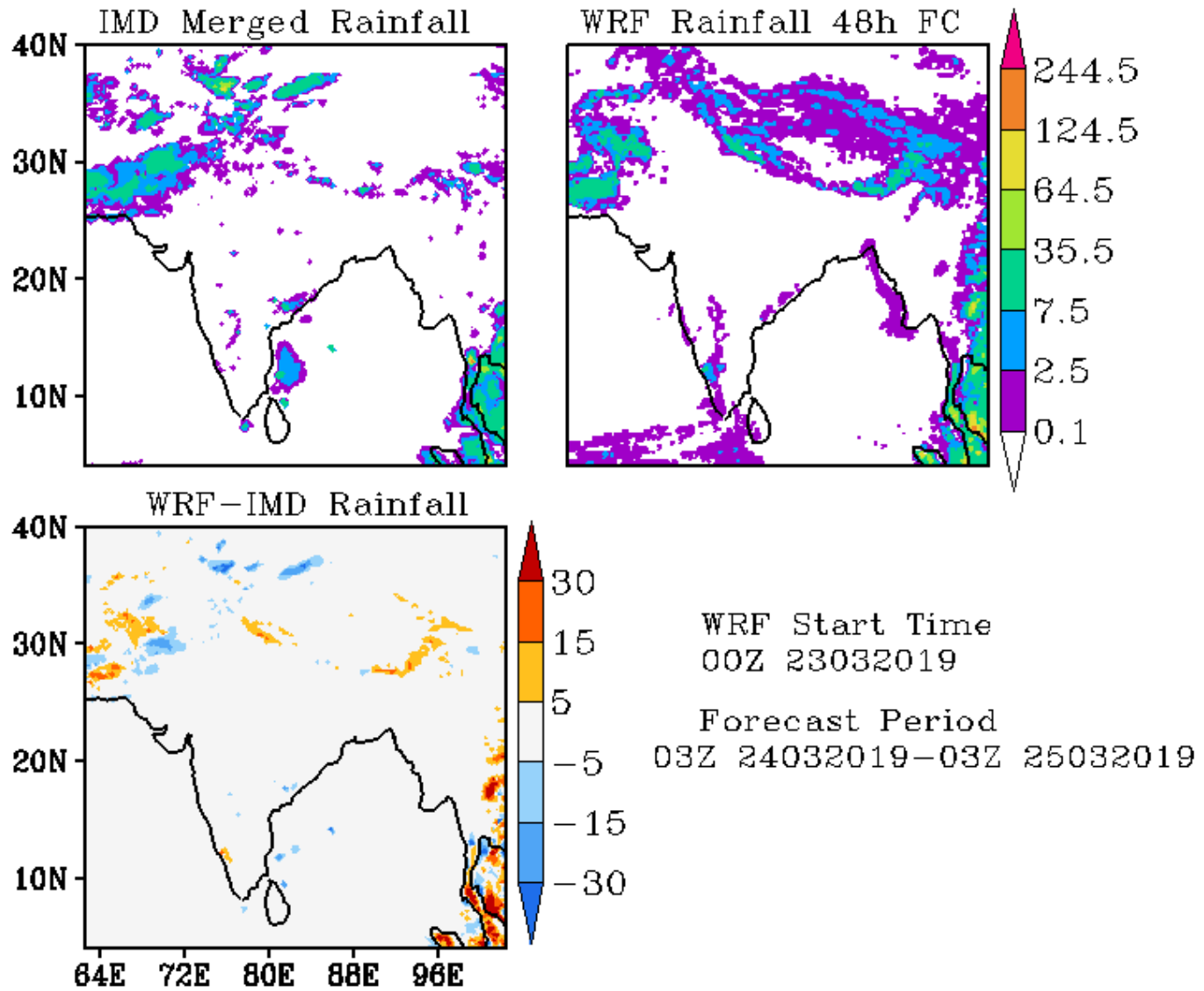


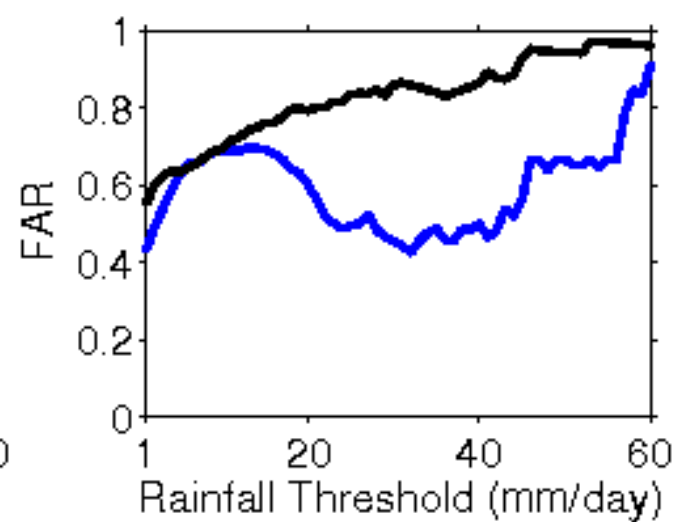
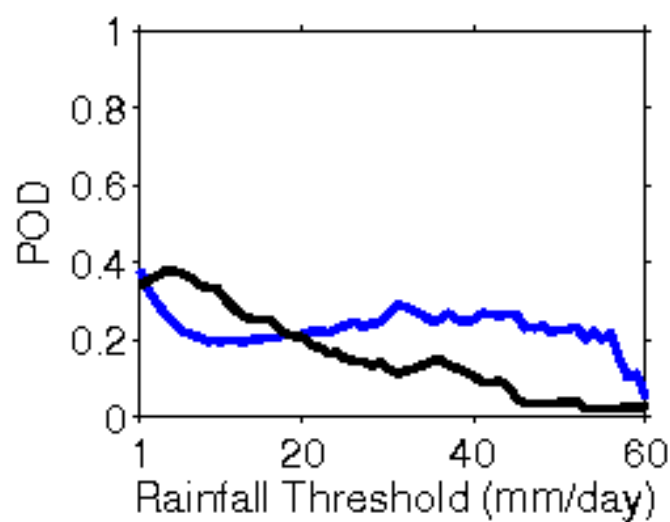
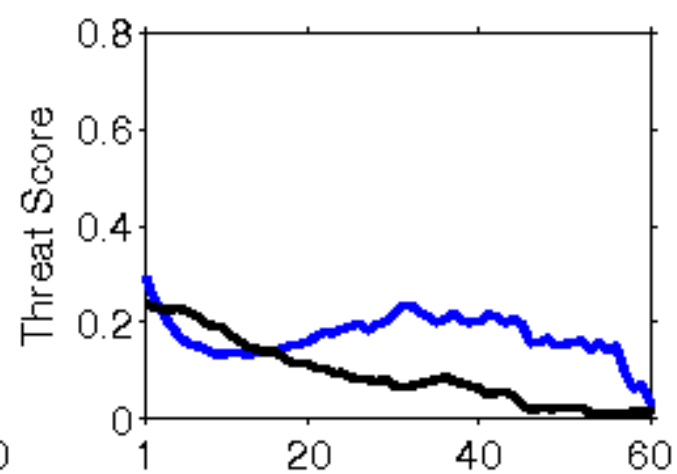
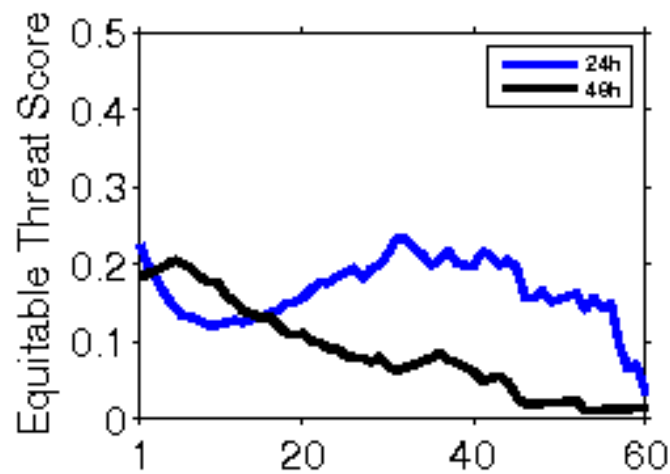


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.12(-1.07)	16.02(7.55)	2.20(1.15)
48 Hour	2.22(-0.75)	18.90(7.01)	2.29(1.29)
72 Hour	2.56(-0.68)	20.38(7.27)	2.47(1.15)

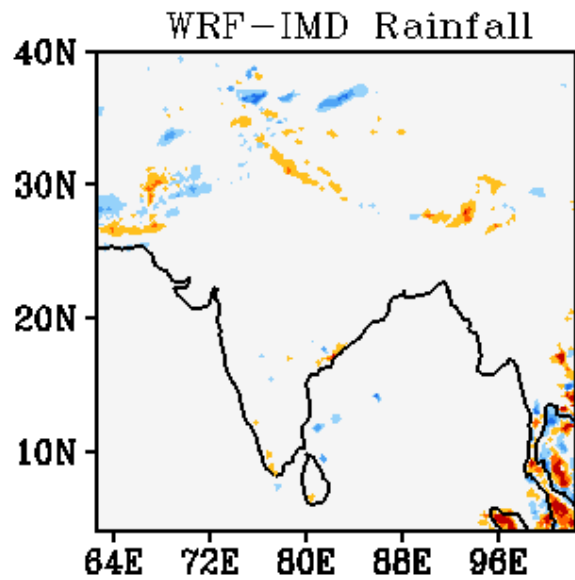
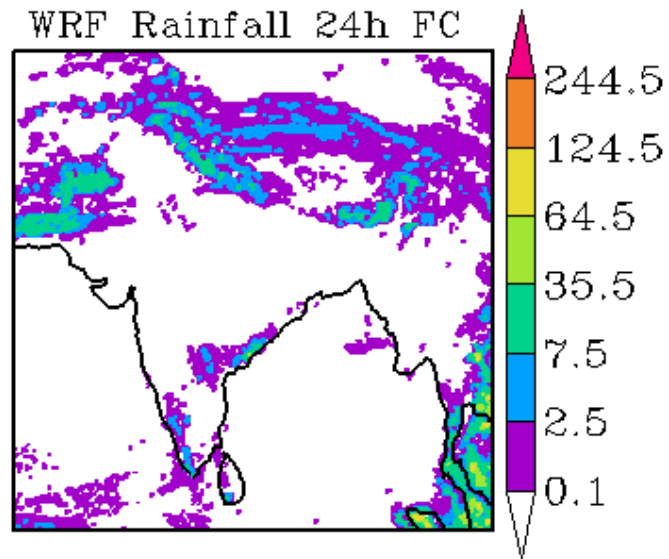
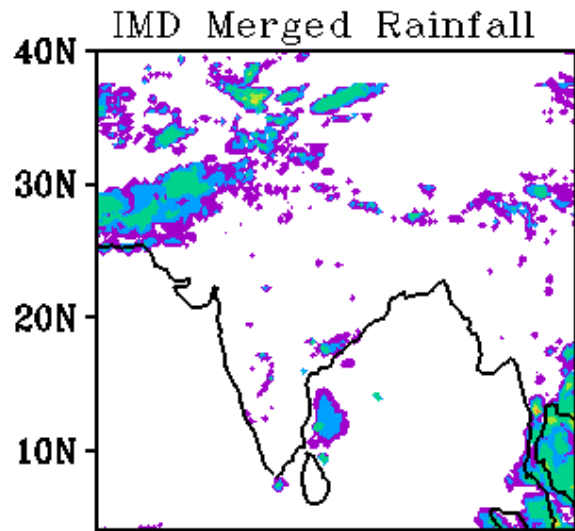






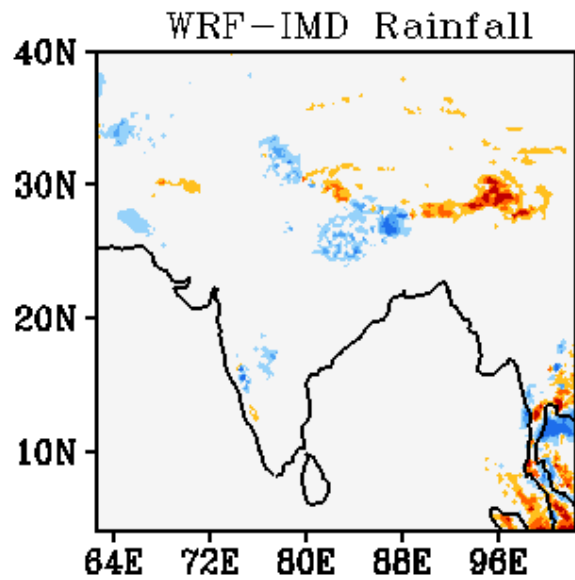
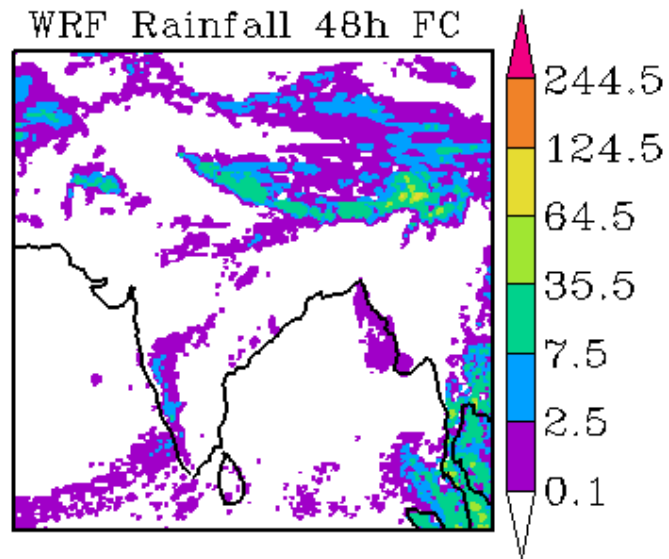
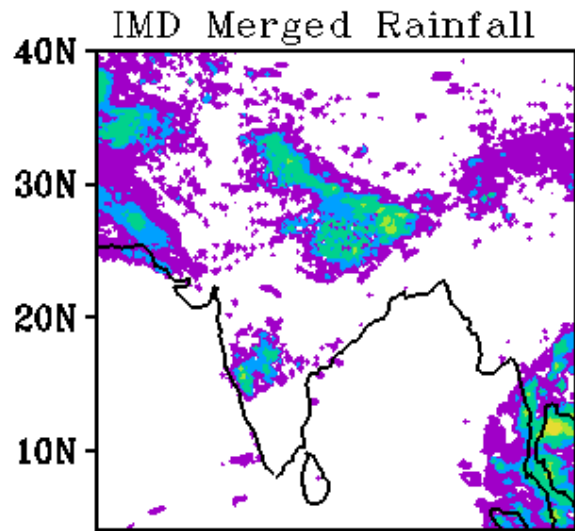
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.00(-1.05)	19.32(9.20)	2.07(1.09)
48 Hour	2.32(-0.67)	20.60(8.70)	2.16(1.13)
72 Hour	3.24(-0.47)	24.42(7.54)	2.71(1.22)



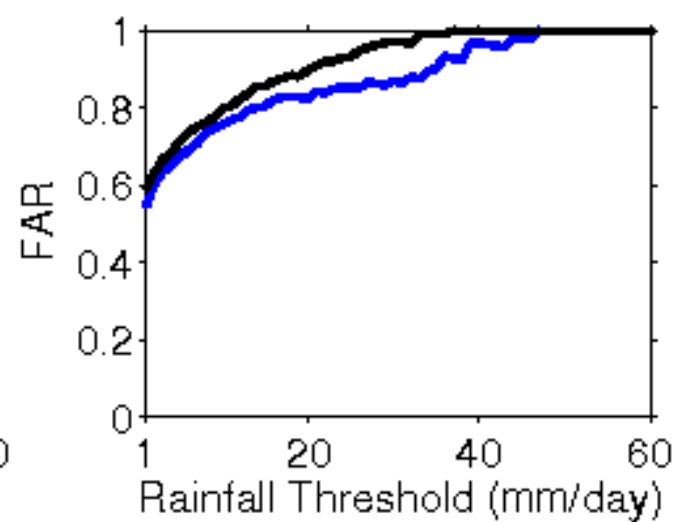
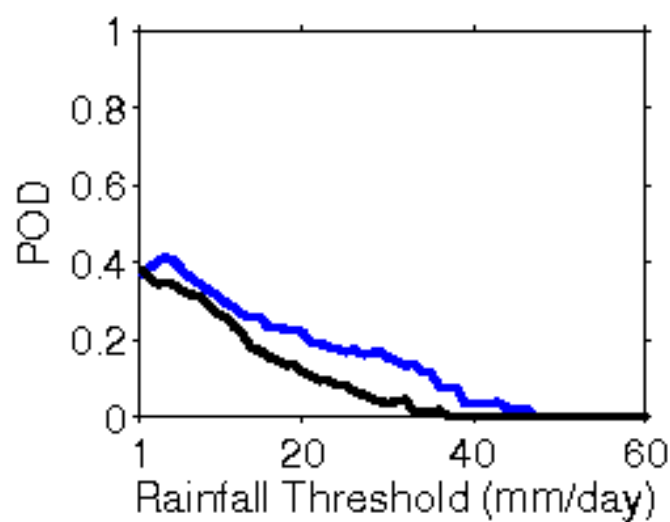
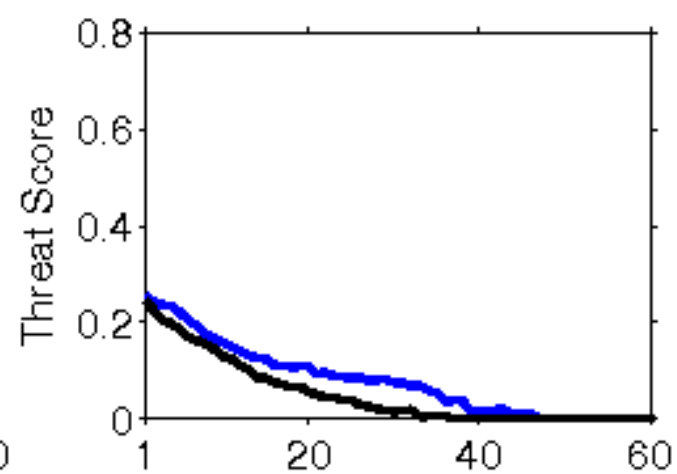
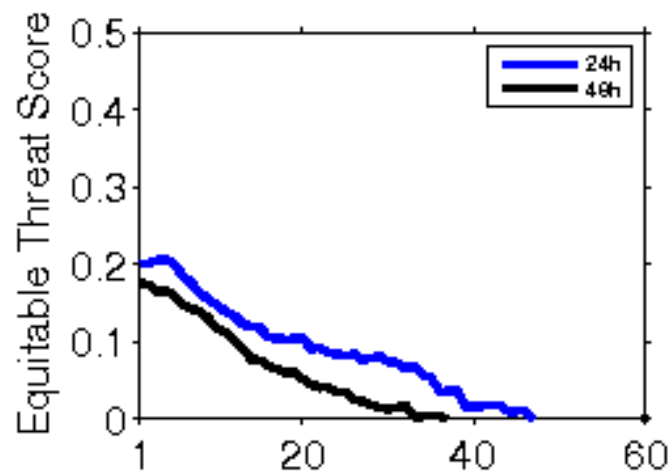
WRF Start Time
00Z 24032019

Forecast Period
03Z 24032019-03Z 25032019



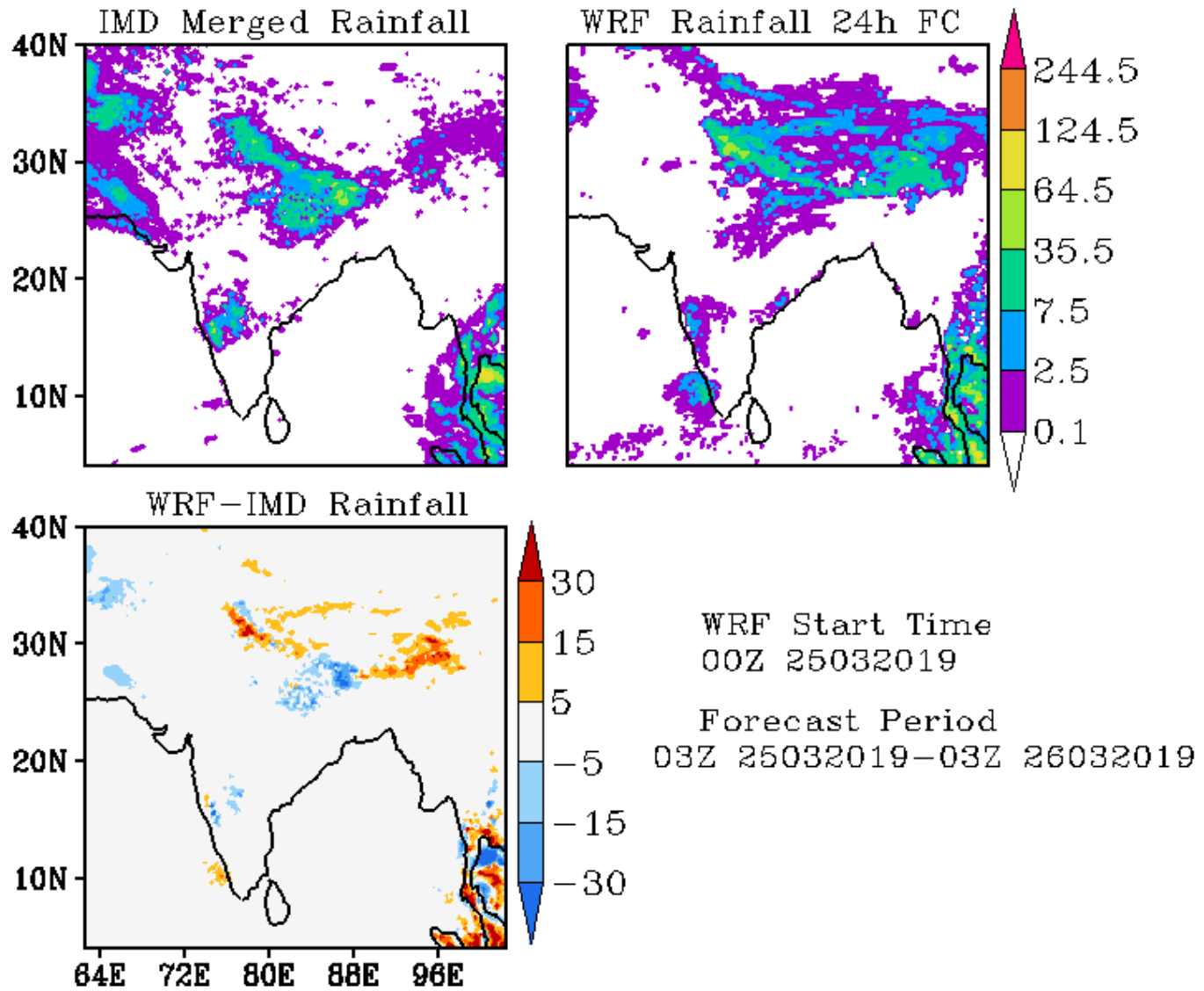
WRF Start Time
00Z 24032019

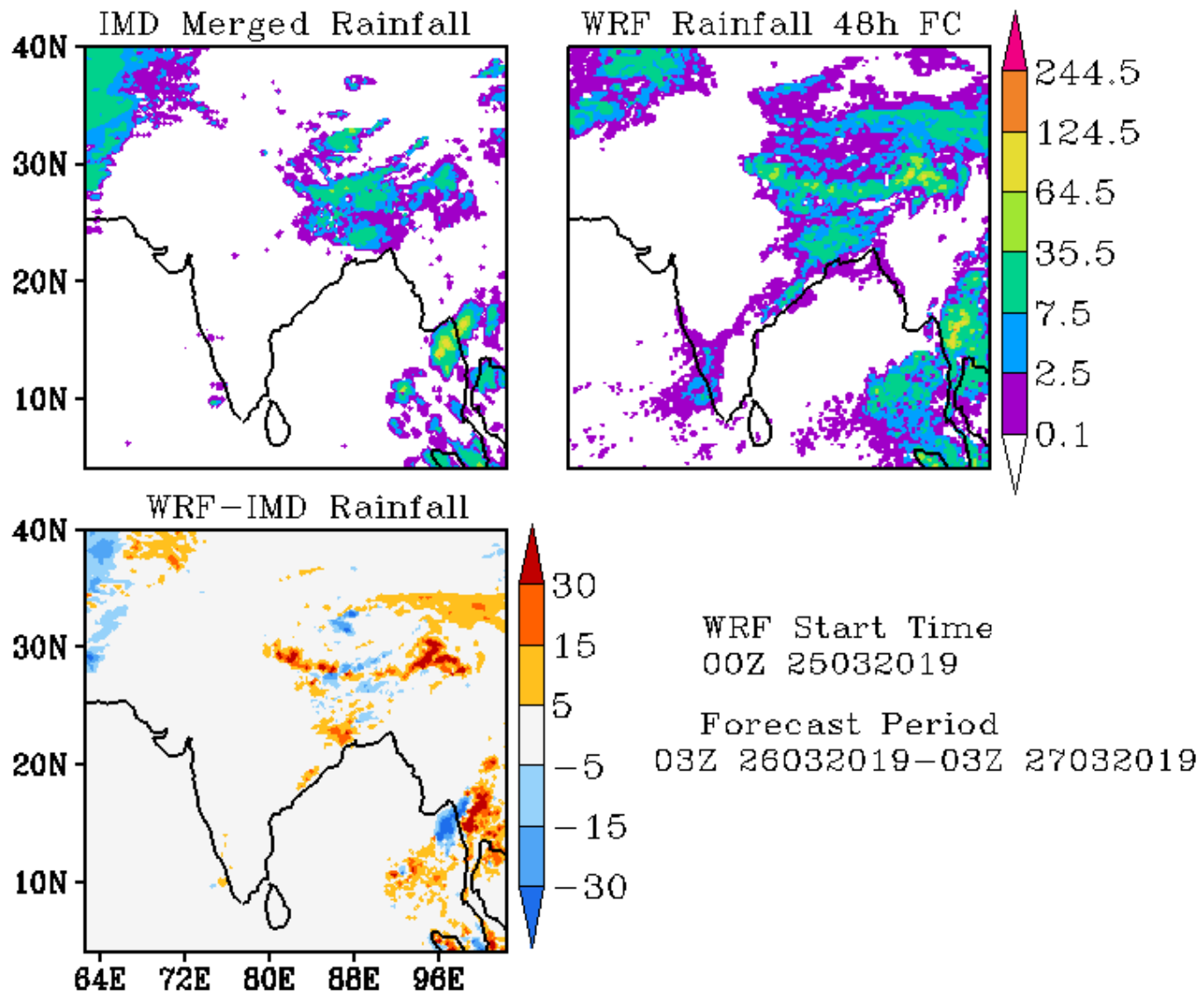
Forecast Period
03Z 25032019-03Z 26032019

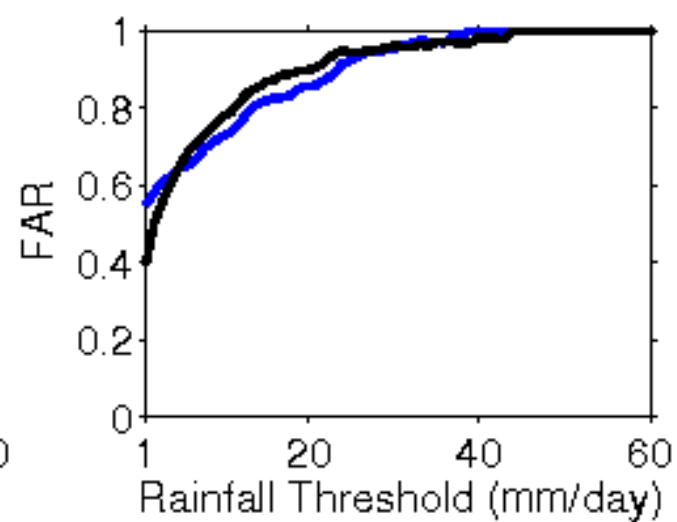
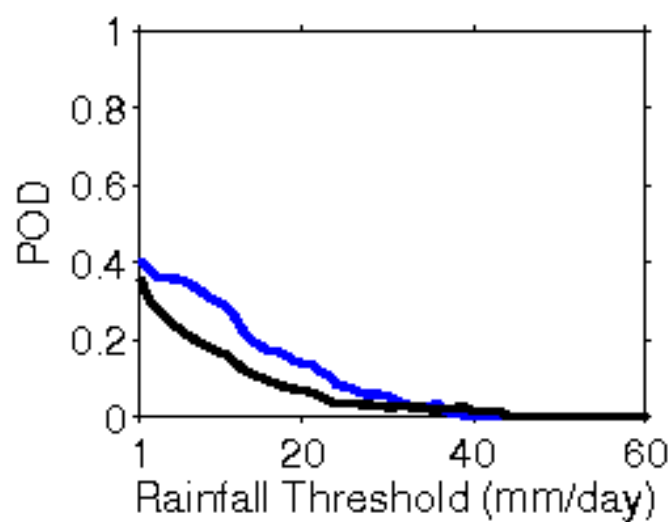
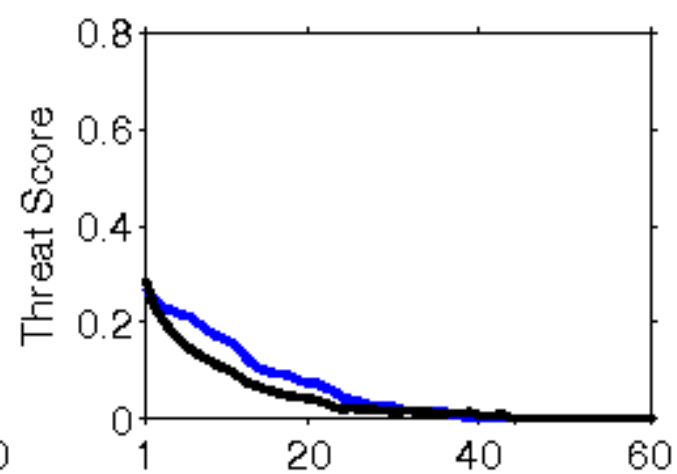
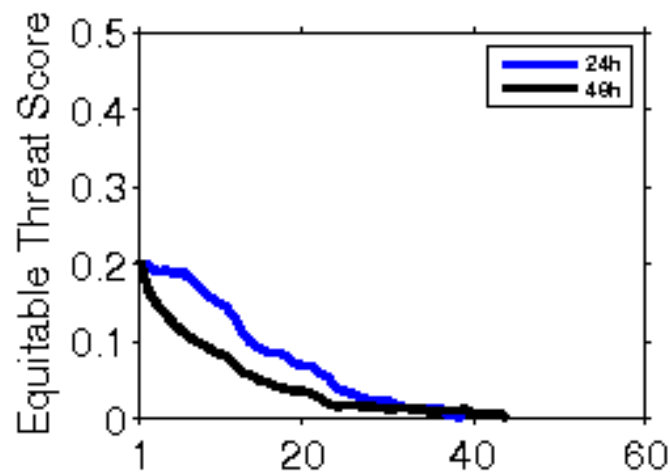


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.15(-1.06)	19.60(10.20)	2.09(0.99)
48 Hour	2.71(-0.57)	20.21(8.49)	2.51(1.03)
72 Hour	3.35(-0.44)	22.24(9.25)	2.86(1.18)

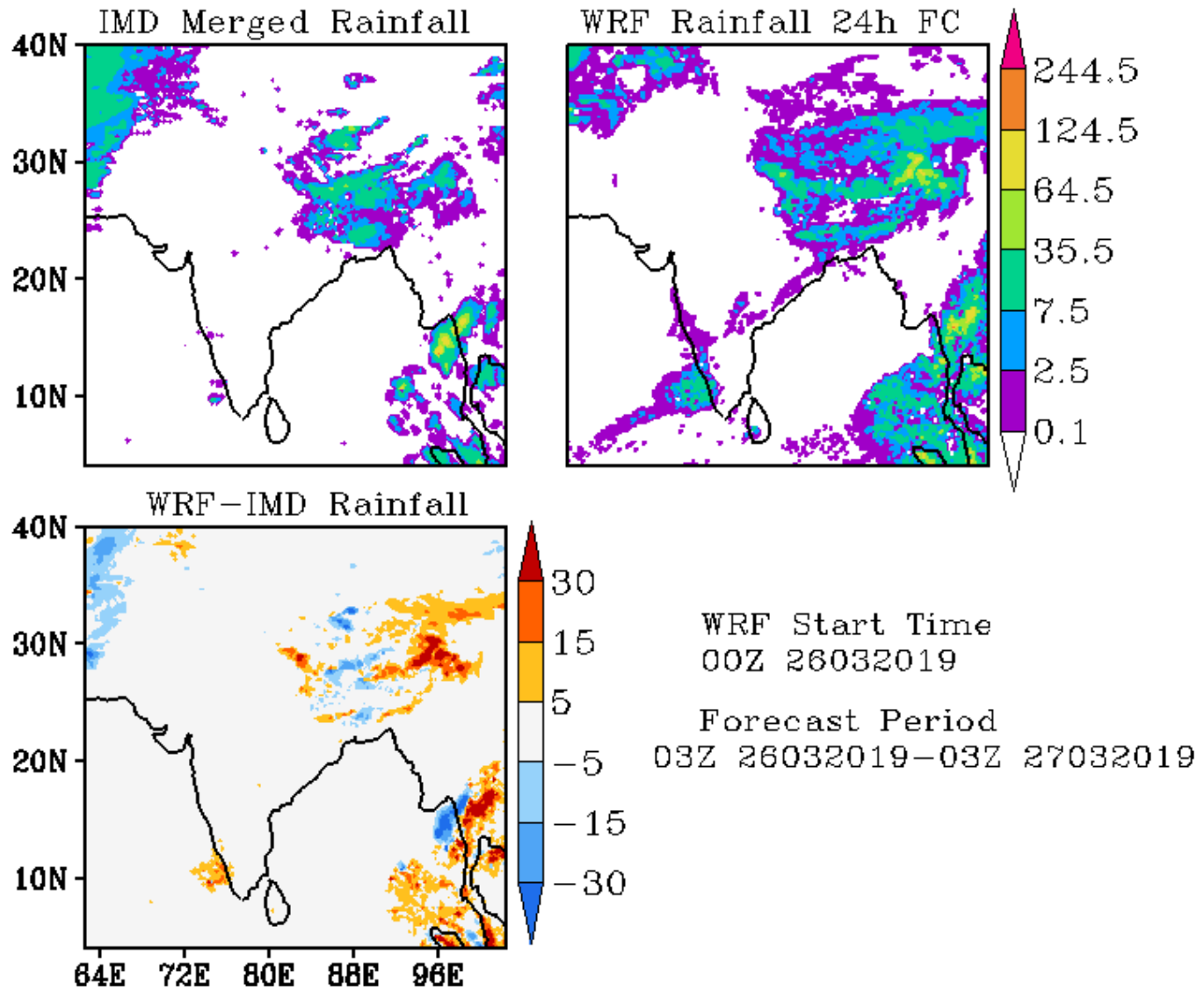


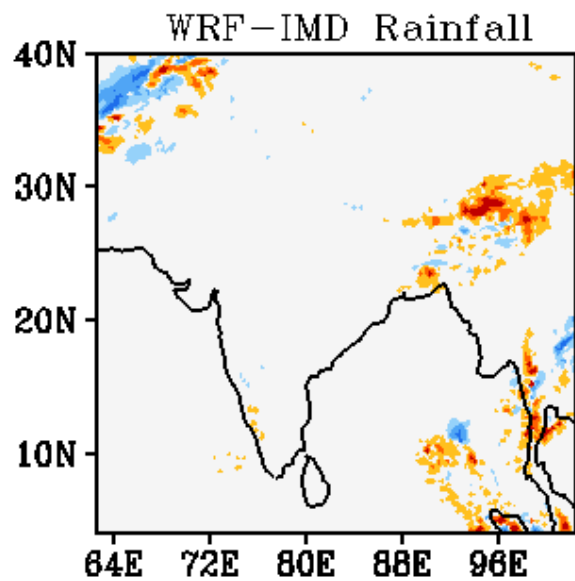
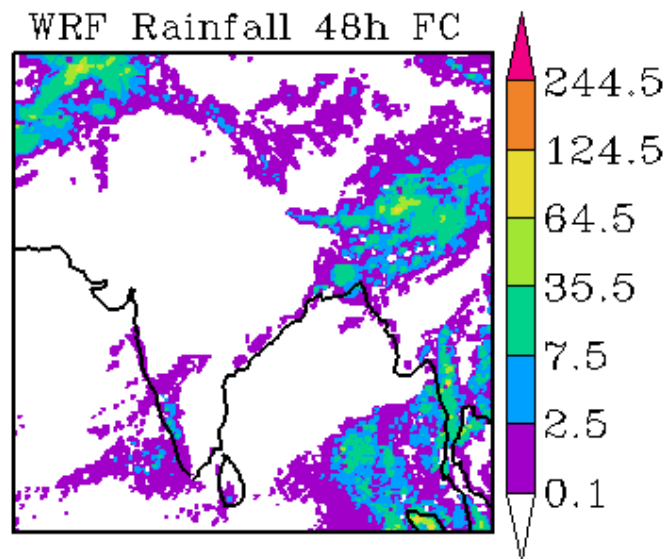
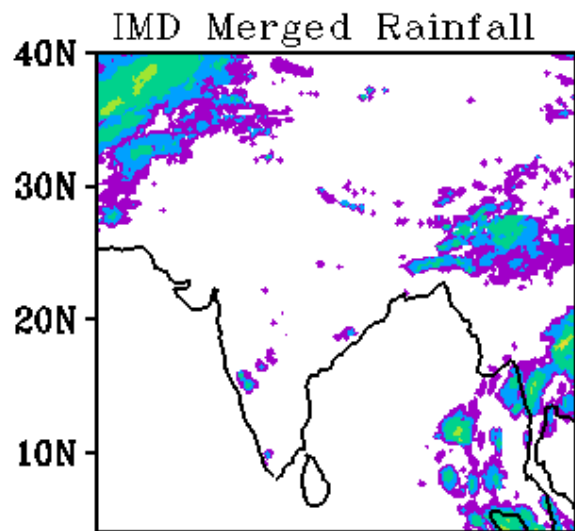




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

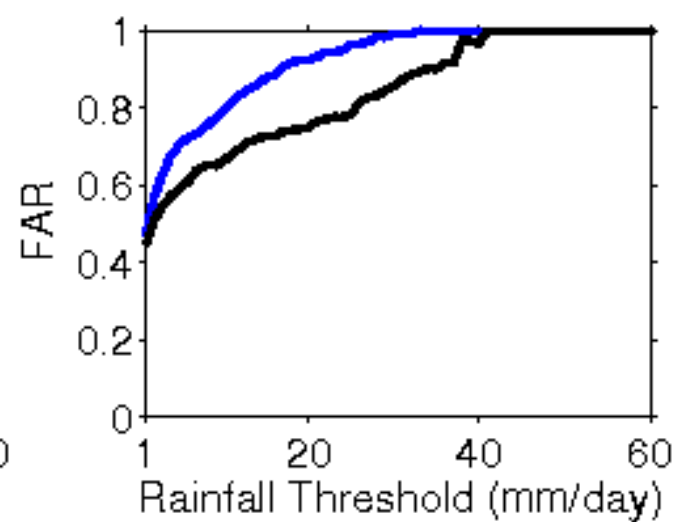
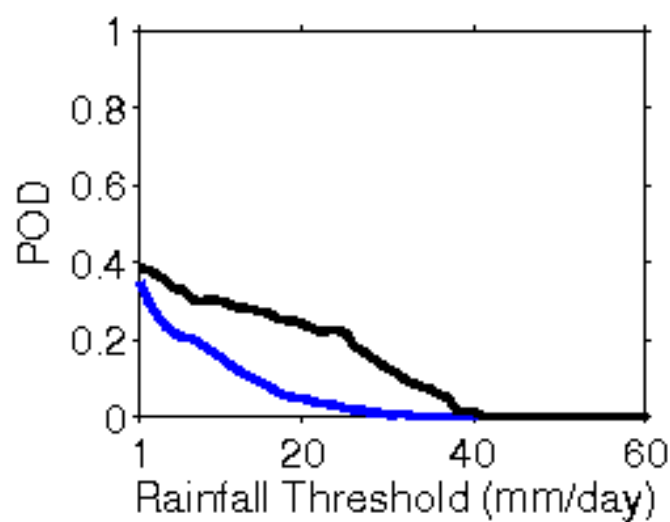
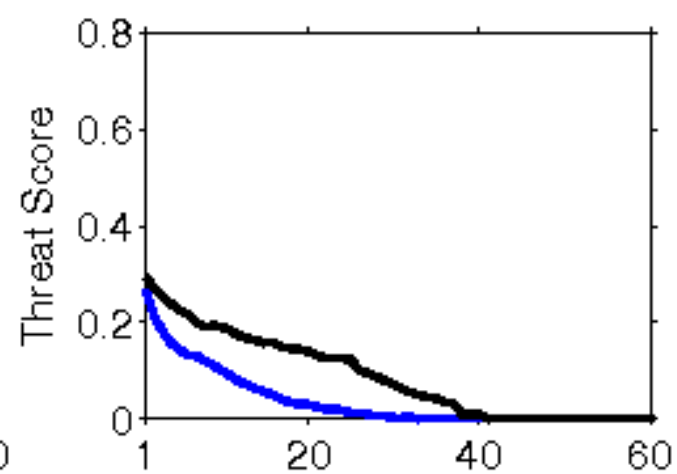
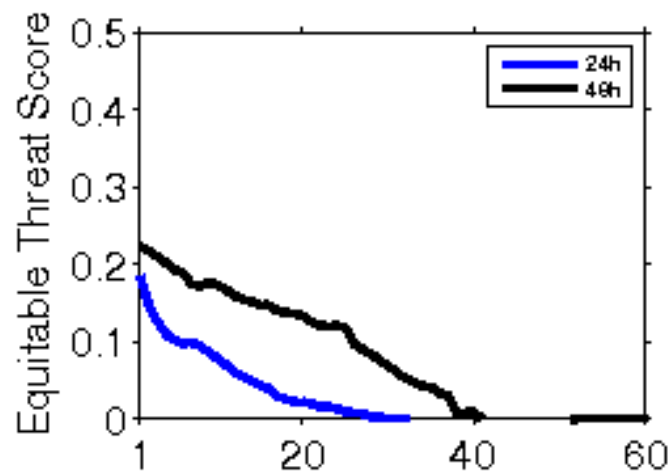
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.27(-1.28)	16.66(7.61)	2.21(1.03)
48 Hour	3.10(-0.90)	22.10(6.95)	2.66(1.06)
72 Hour	3.55(-0.39)	22.68(7.08)	2.81(1.22)





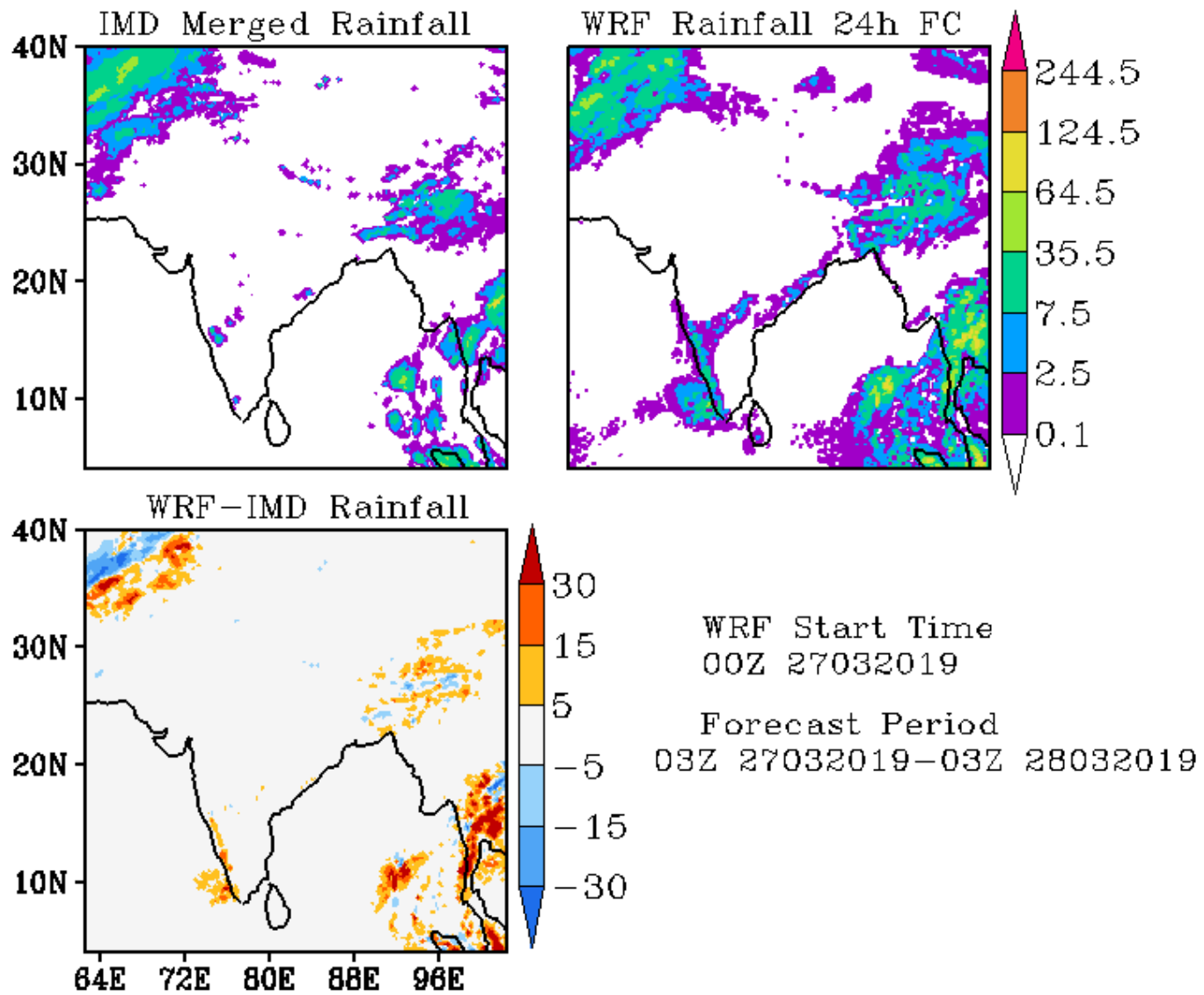
WRF Start Time
00Z 26032019

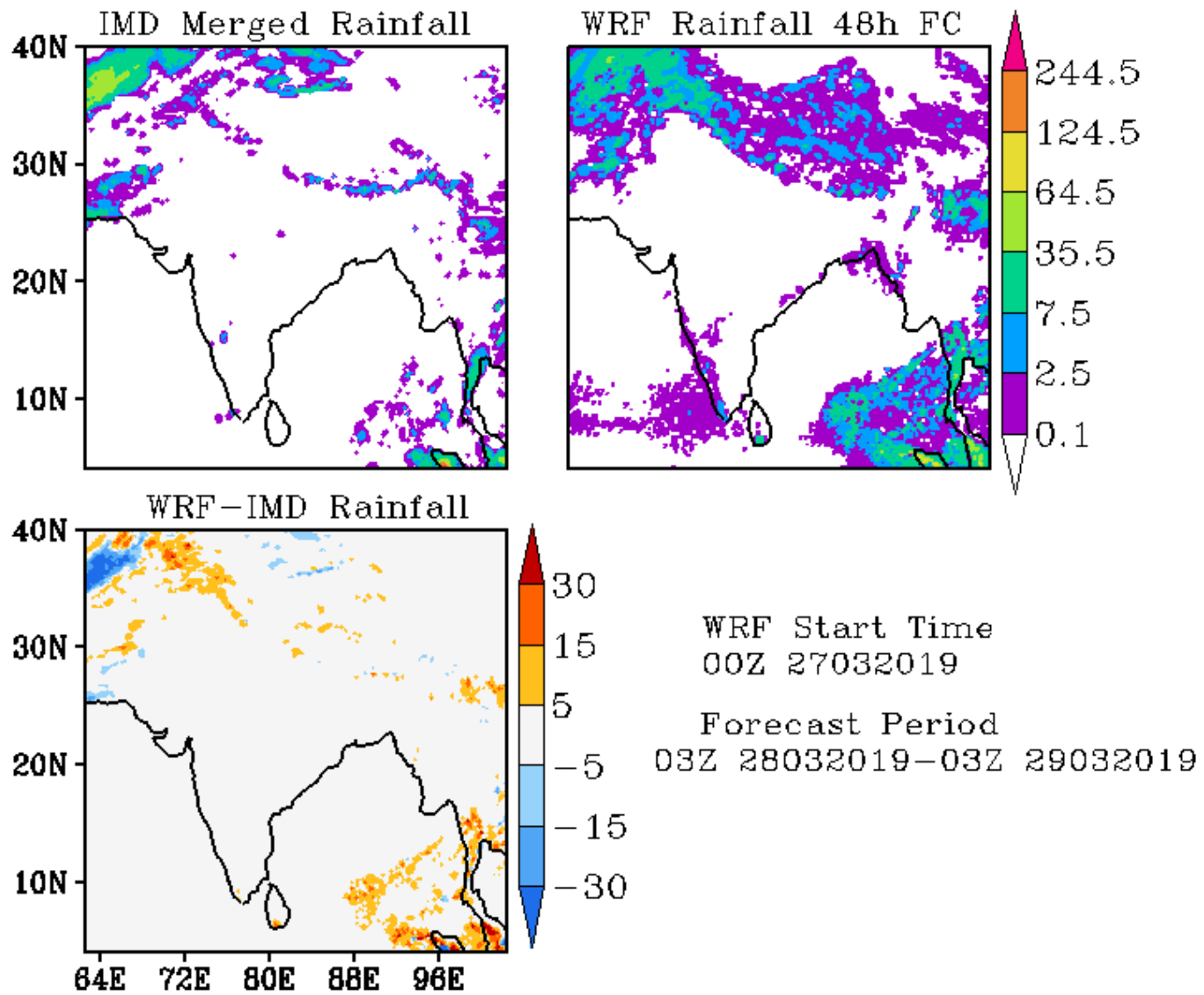
Forecast Period
03Z 27032019-03Z 28032019

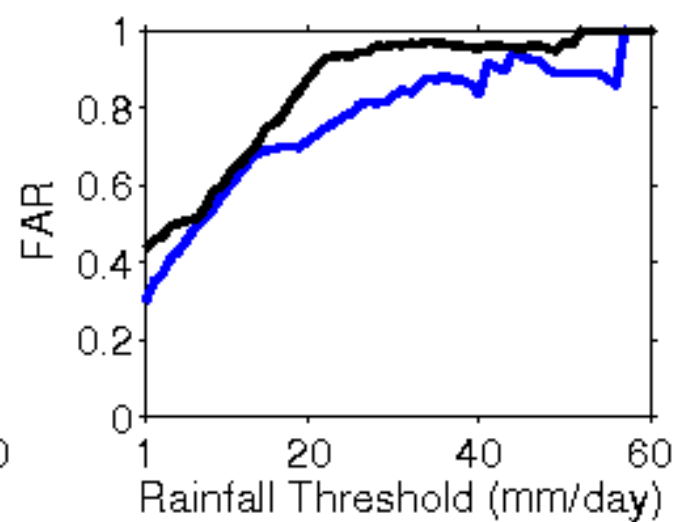
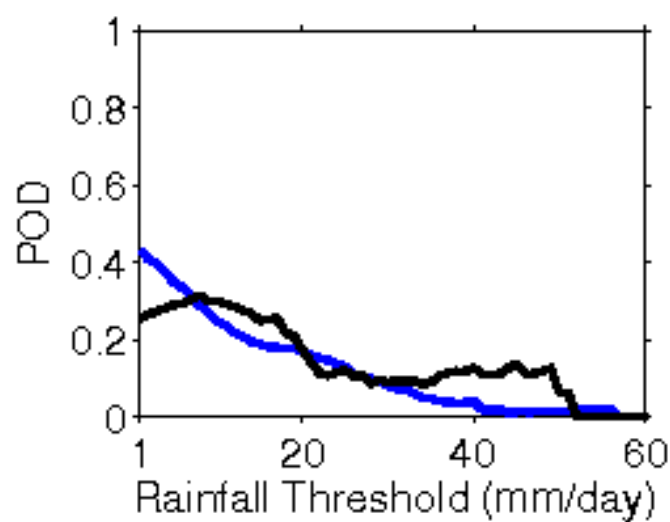
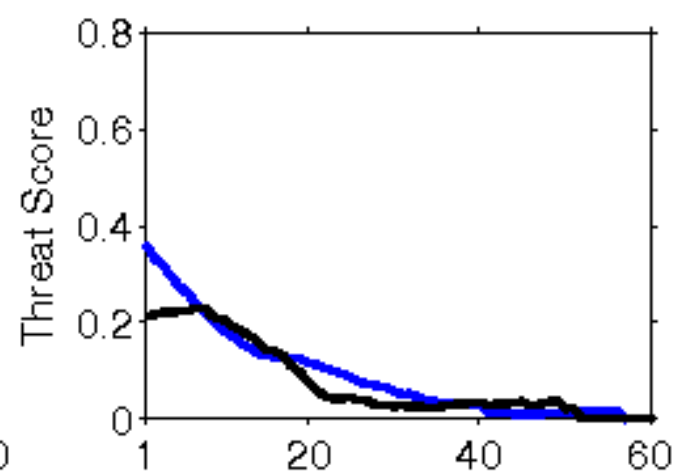
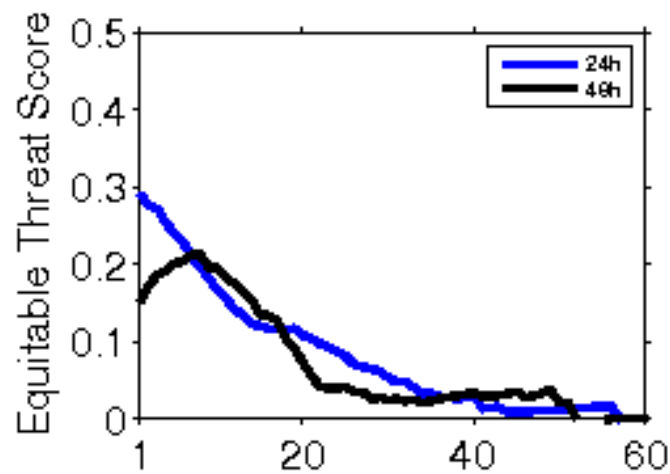


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.04(-1.08)	16.12(9.04)	2.46(1.25)
48 Hour	2.71(-1.07)	22.36(9.69)	2.58(1.29)
72 Hour	3.27(-0.59)	23.75(8.42)	2.61(1.44)

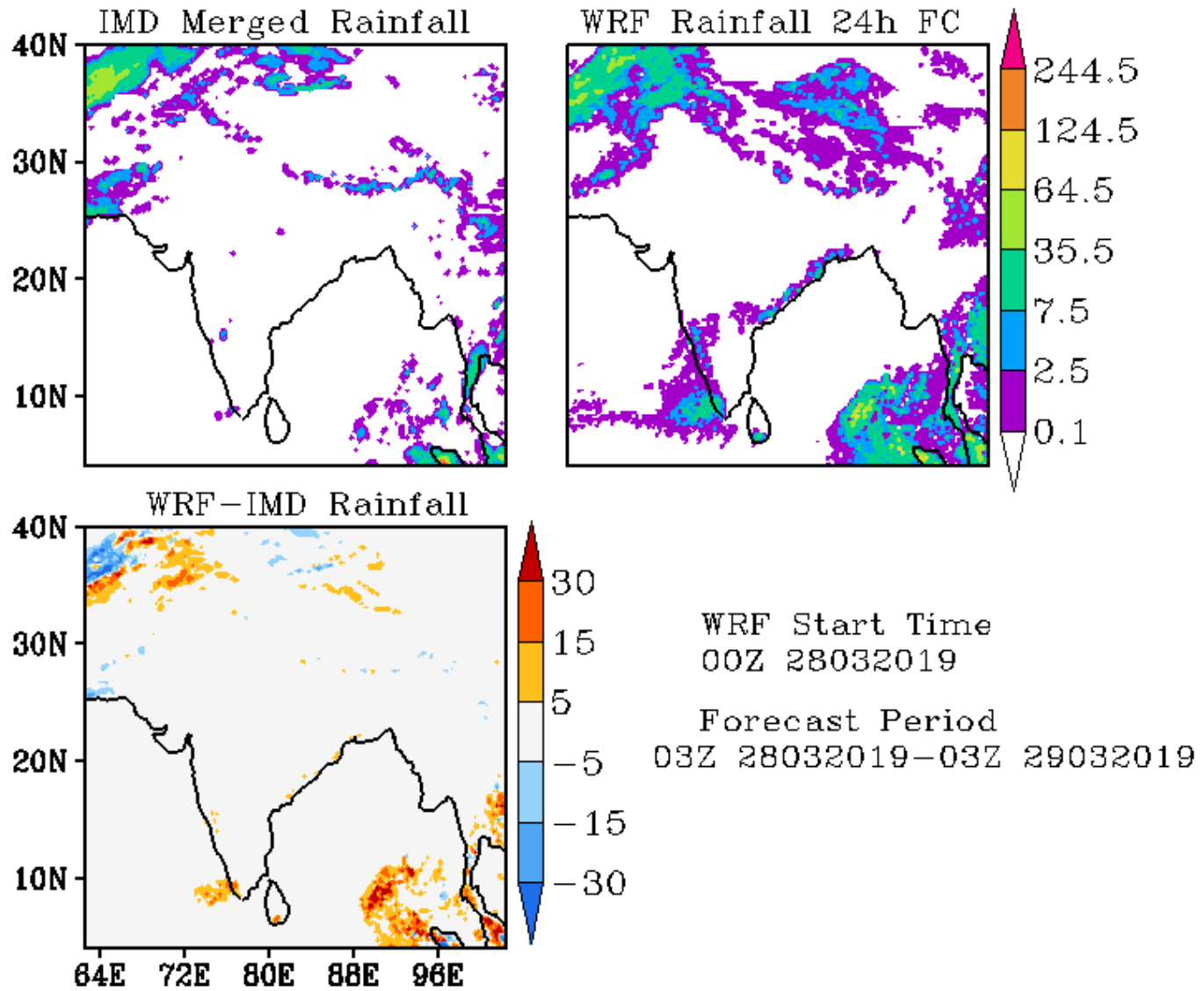


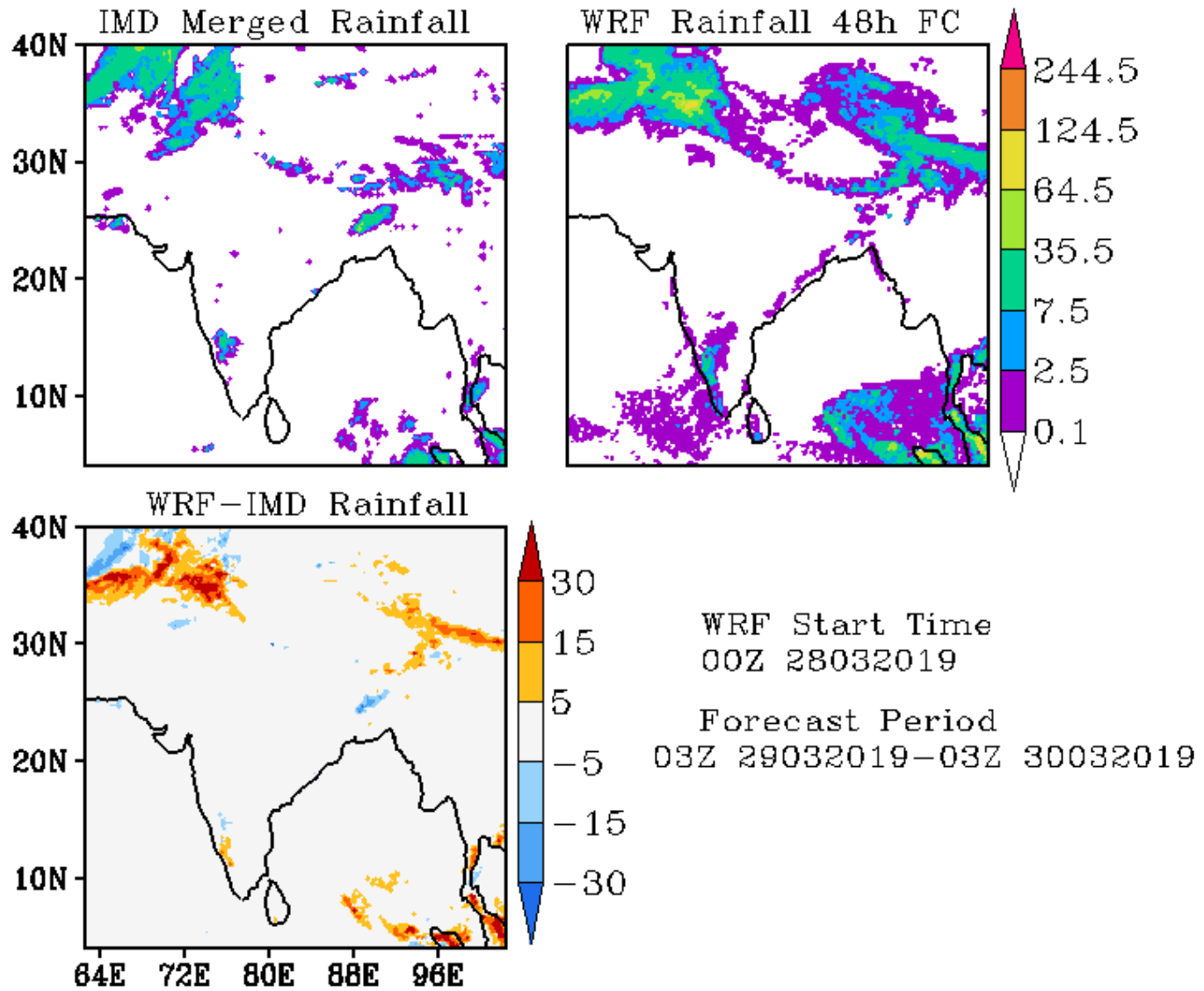


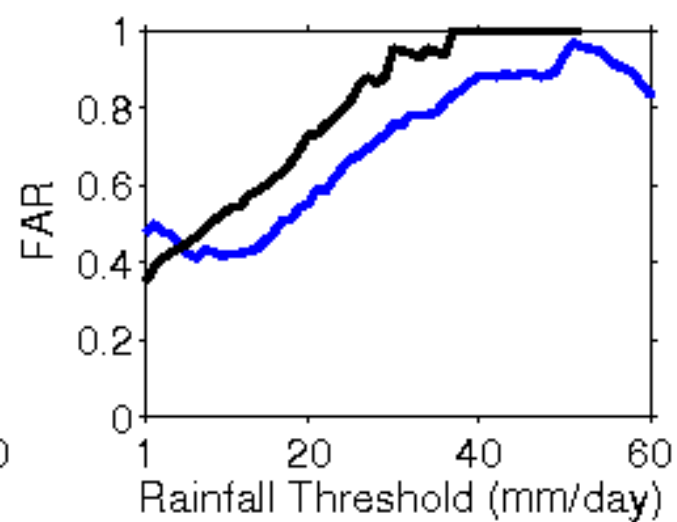
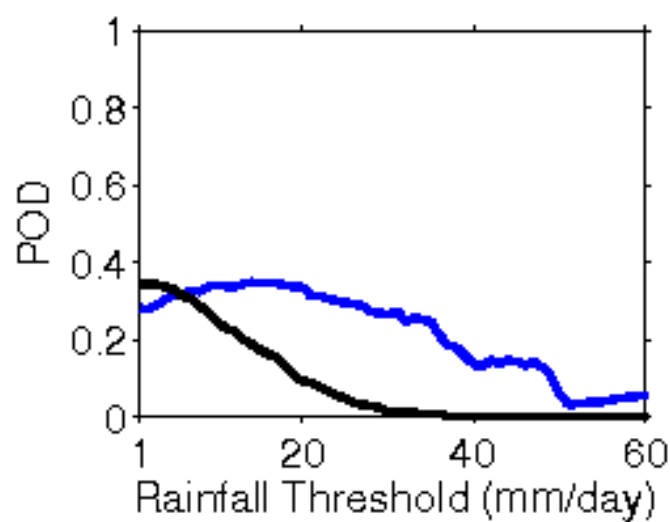
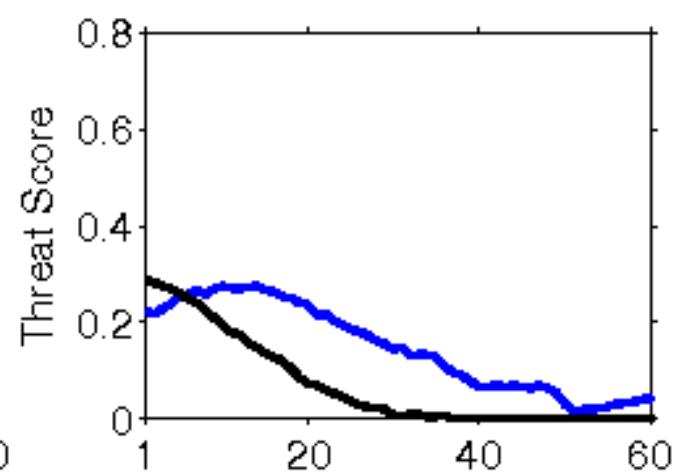
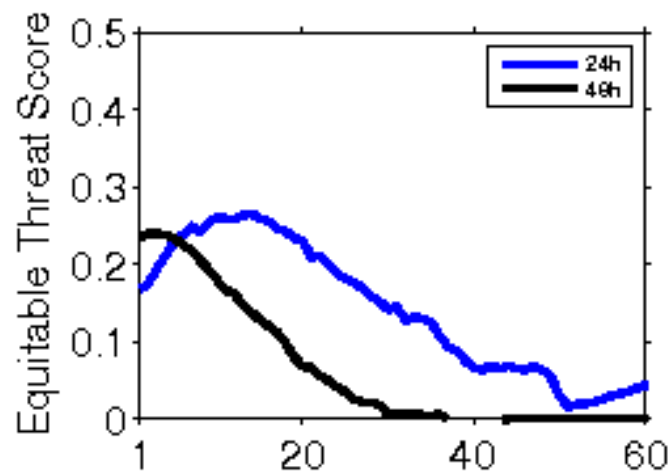


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.79(-0.62)	16.74(10.23)	2.17(1.14)
48 Hour	2.61(-0.38)	23.08(9.76)	2.49(1.40)
72 Hour	3.29(-0.49)	21.89(10.32)	2.99(1.35)

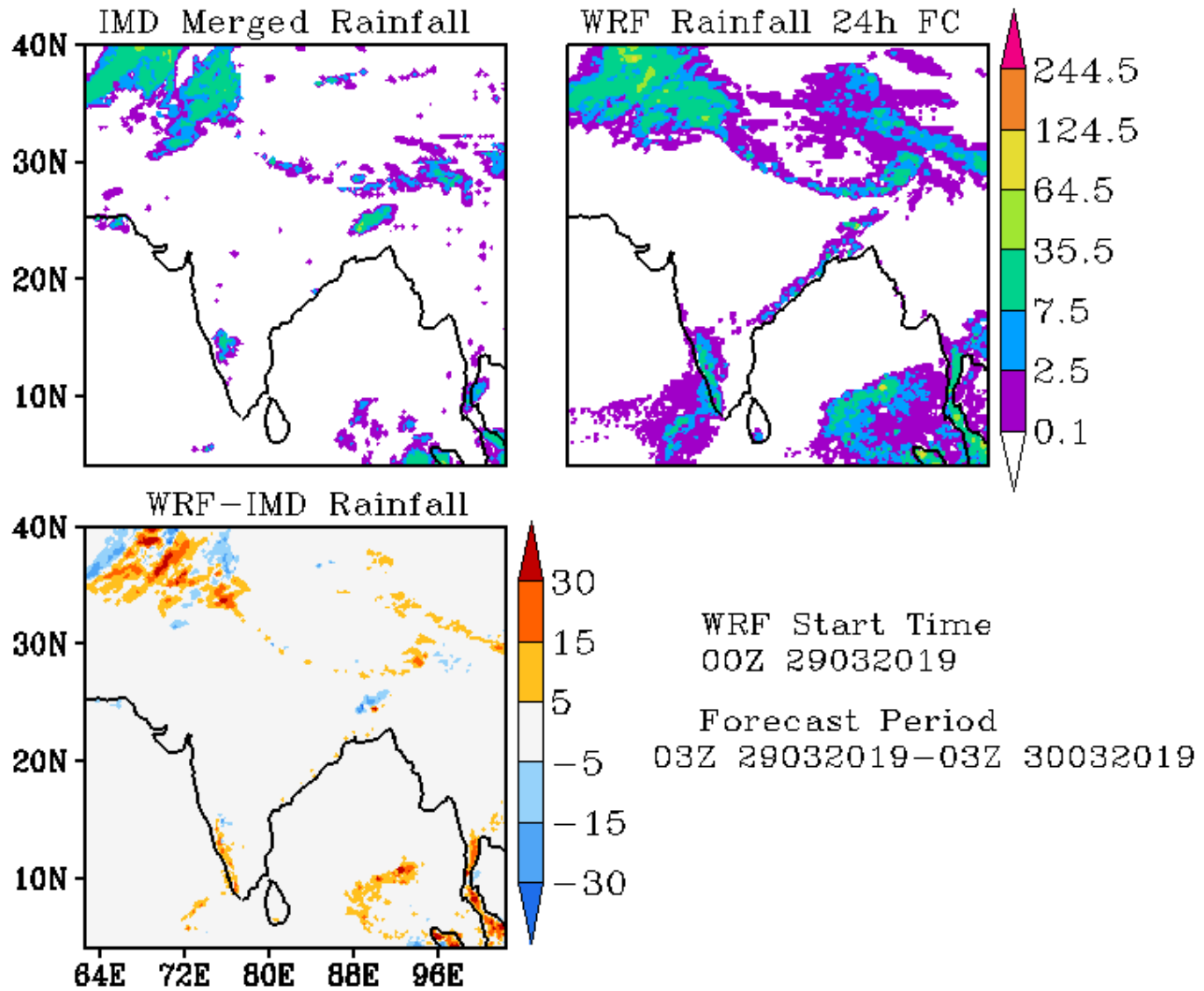


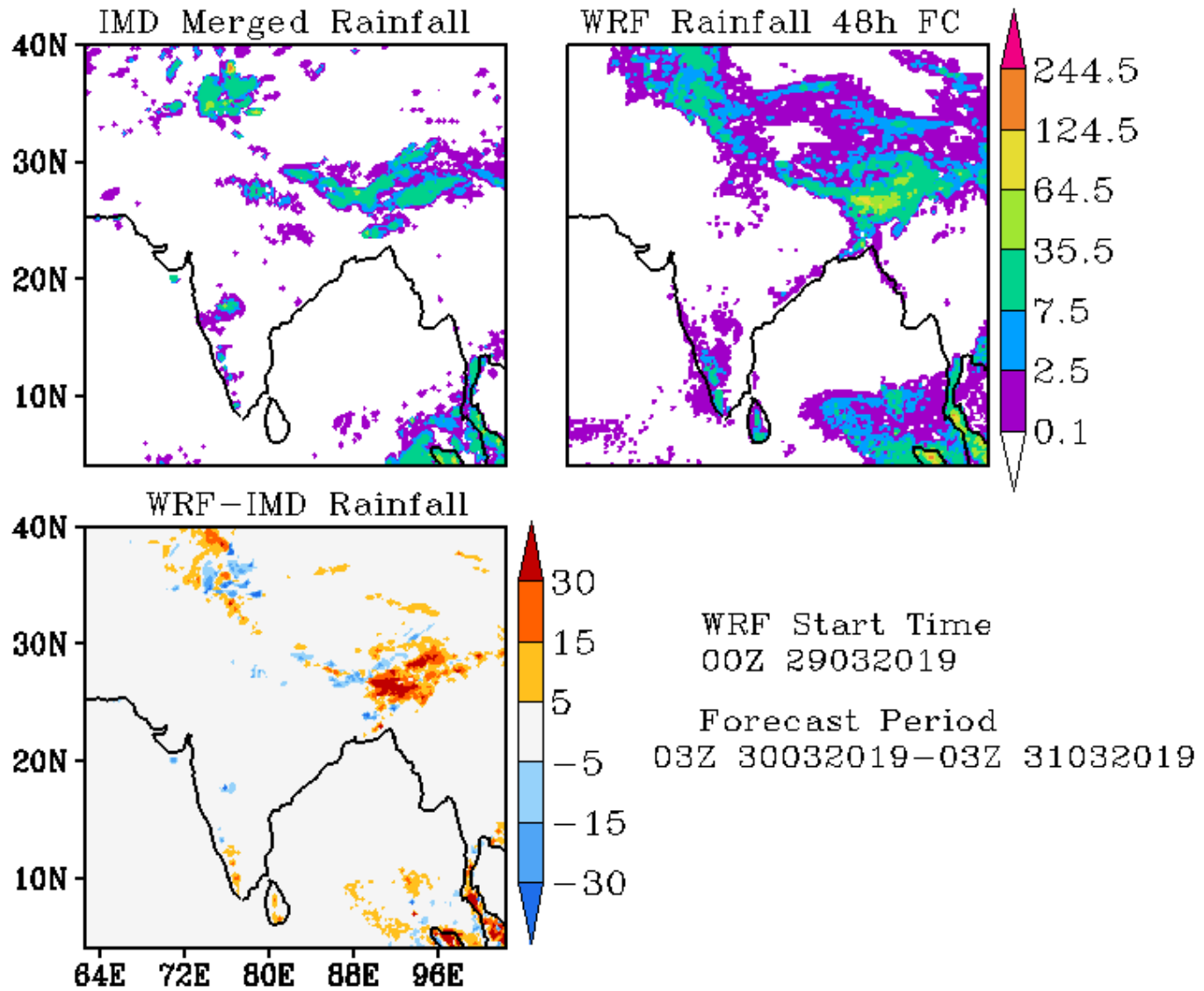


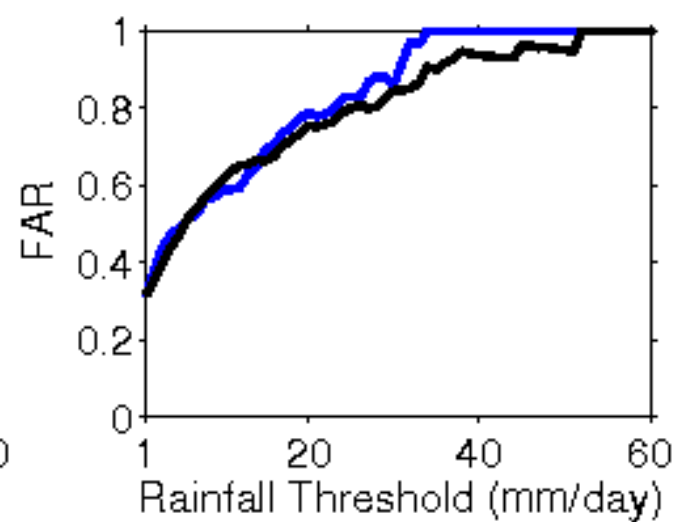
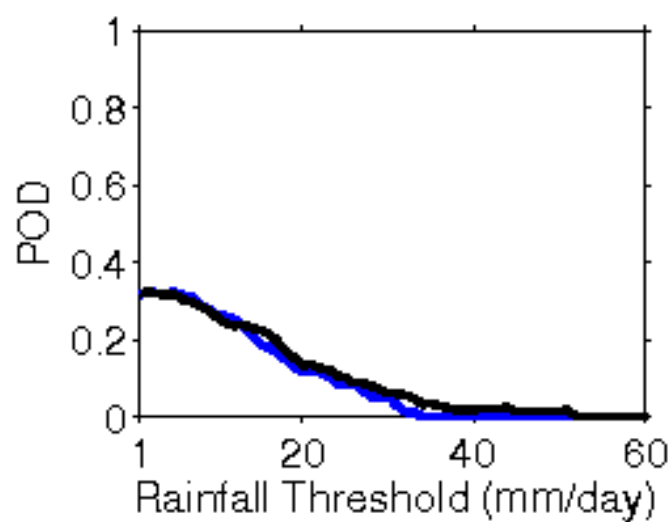
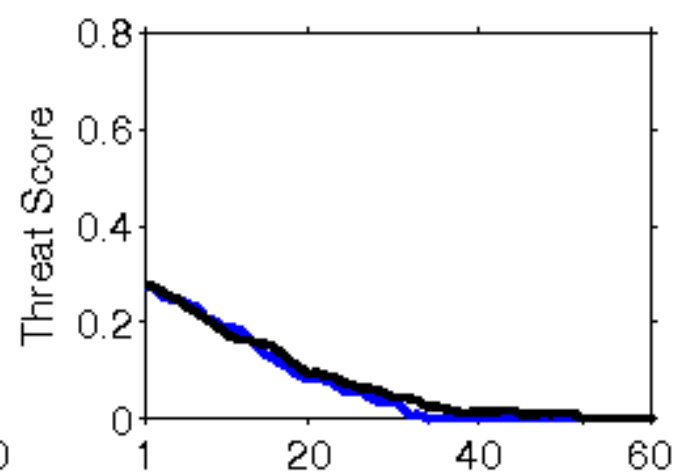
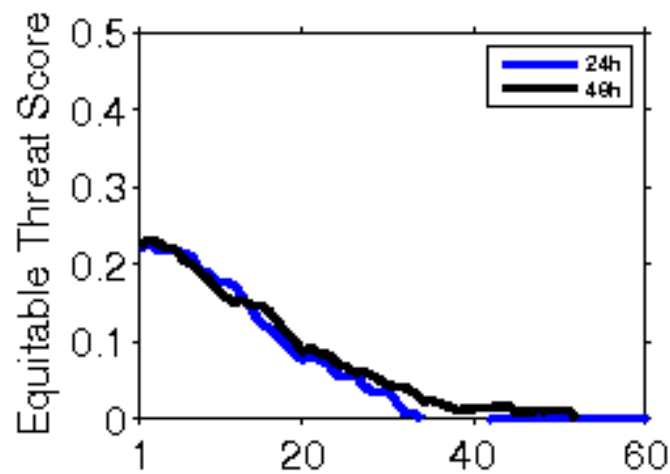


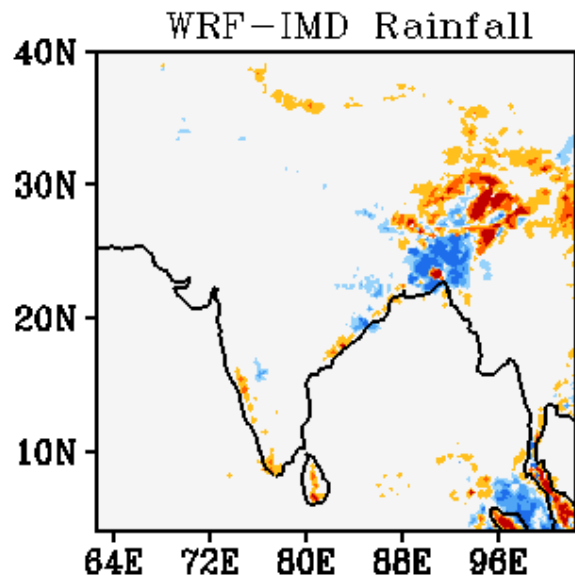
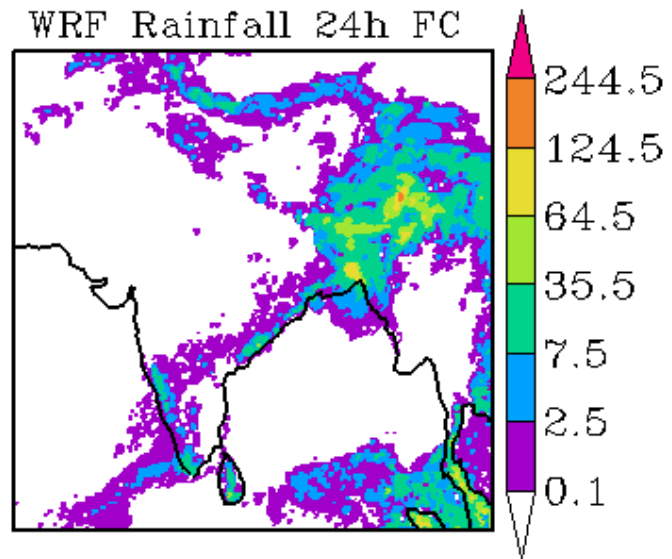
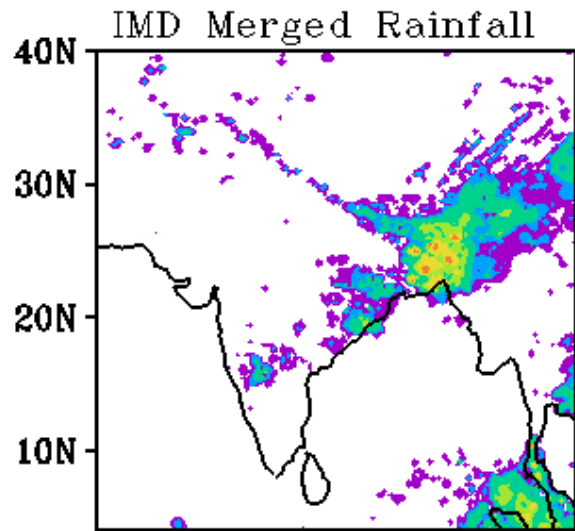
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-03-19
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.95(-0.81)	17.27(9.70)	2.21(1.26)
48 Hour	2.47(-0.39)	18.96(9.29)	2.91(1.43)
72 Hour	3.20(-0.21)	19.54(10.31)	3.01(1.31)



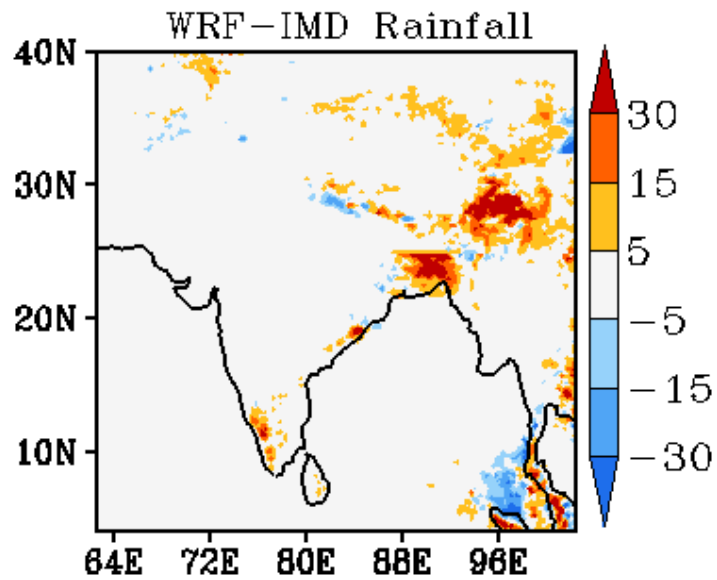
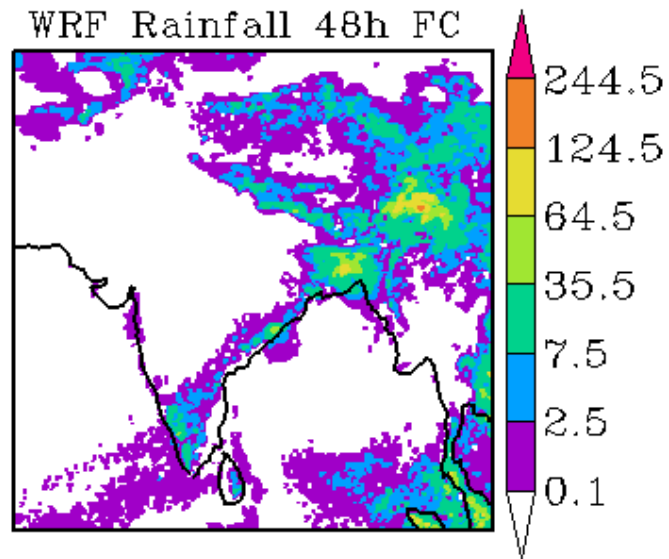
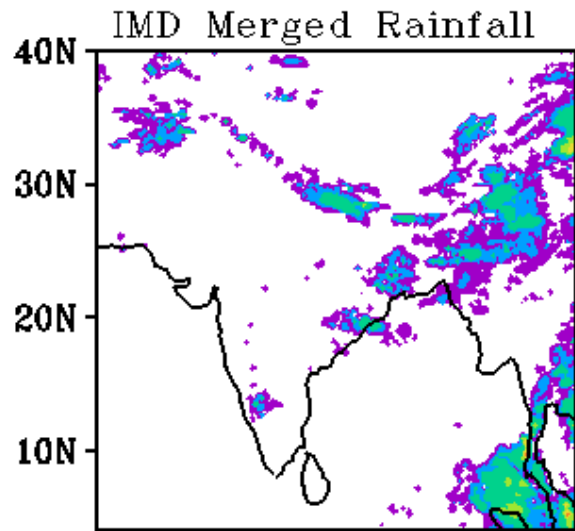






WRF Start Time
00Z 31032019

Forecast Period
03Z 31032019-03Z 01042019



WRF Start Time
00Z 31032019

Forecast Period
03Z 01042019-03Z 02042019

