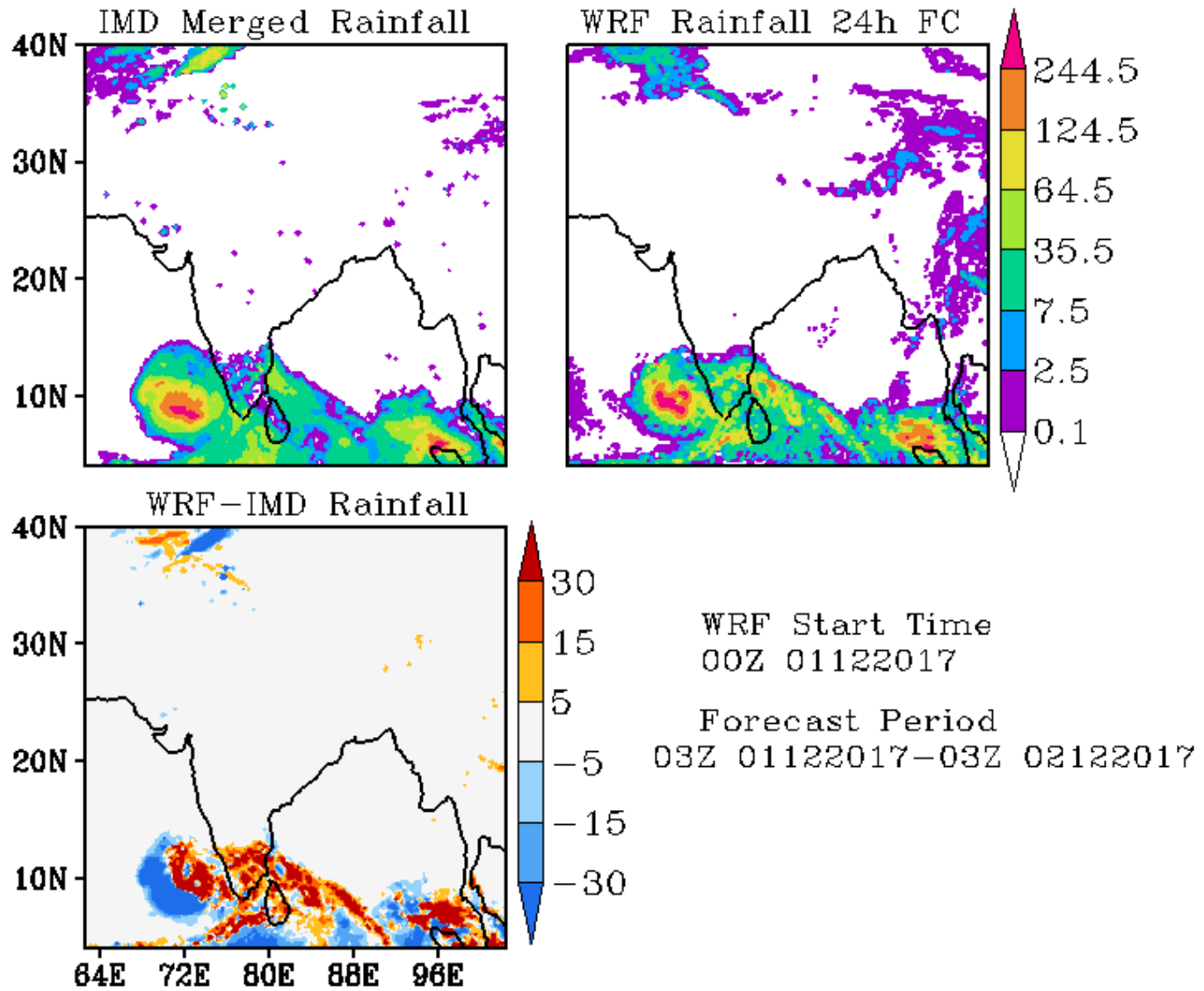
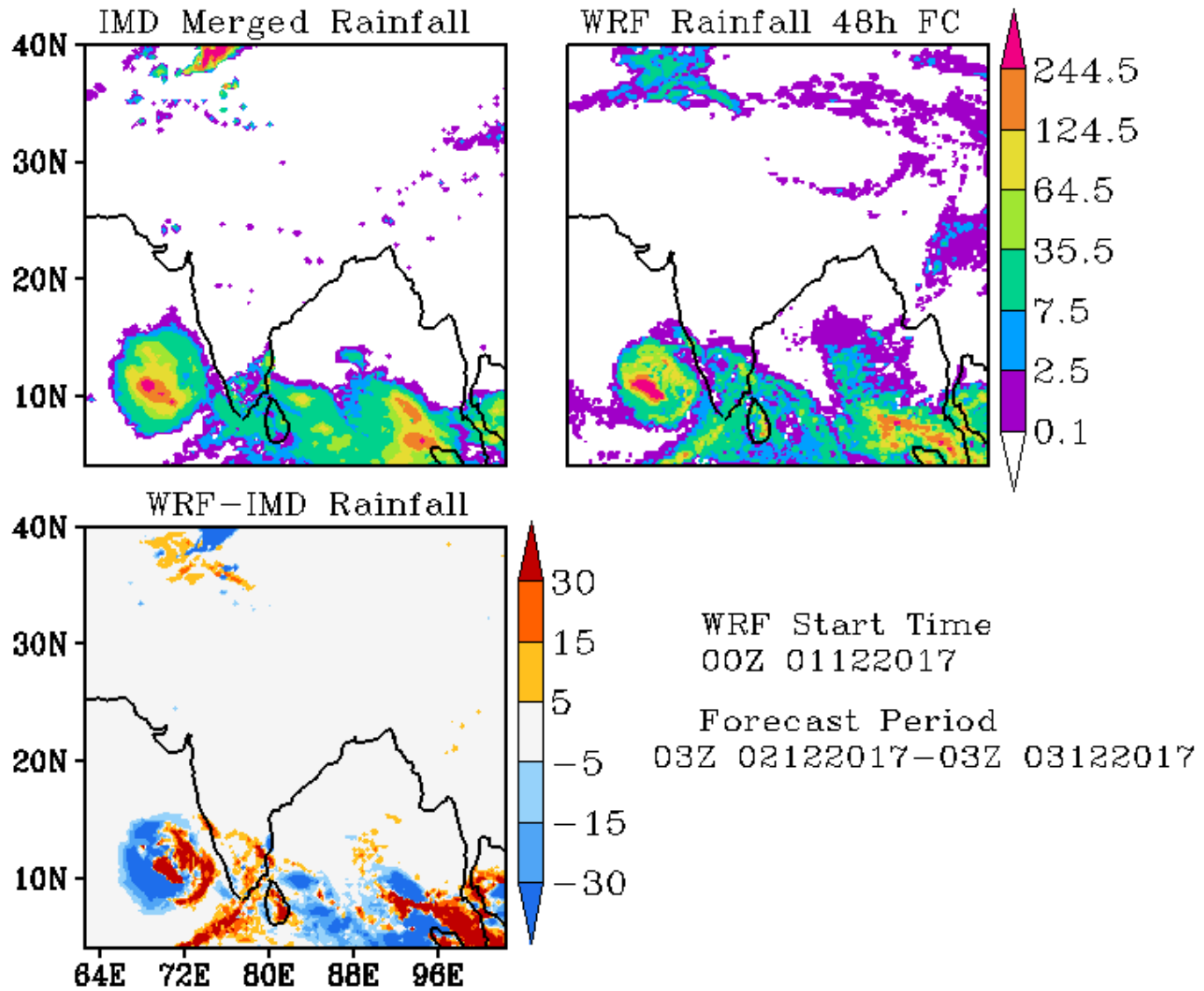
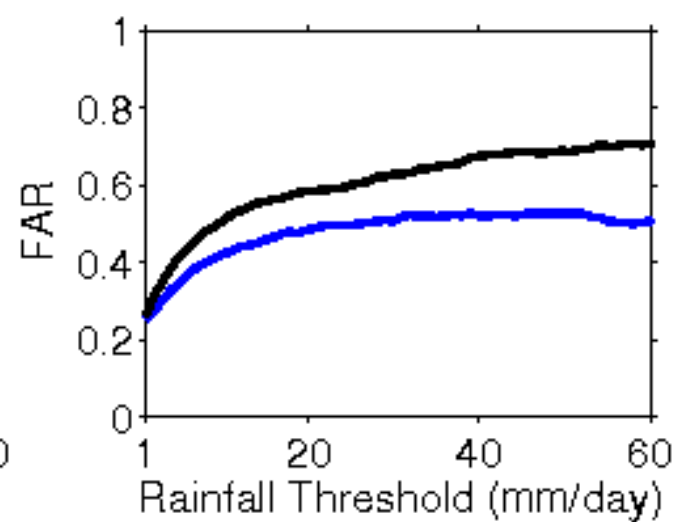
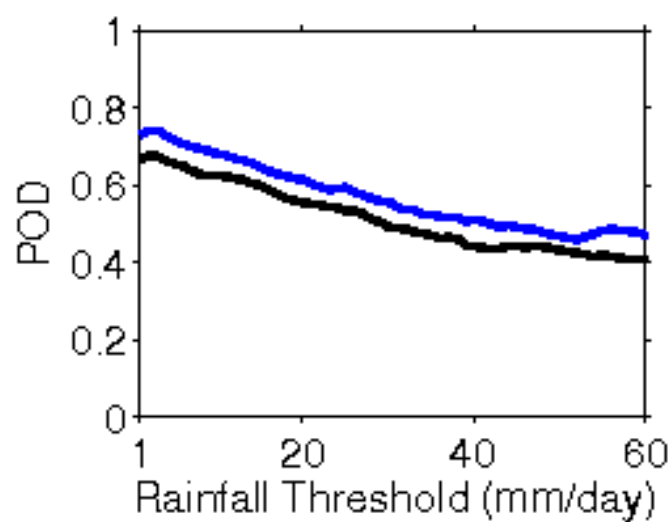
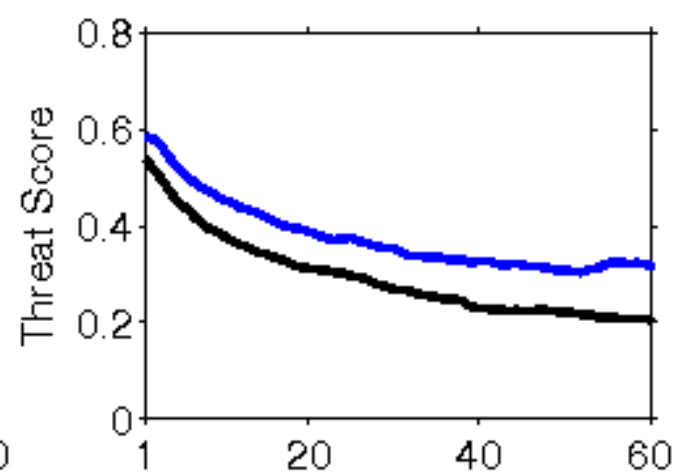
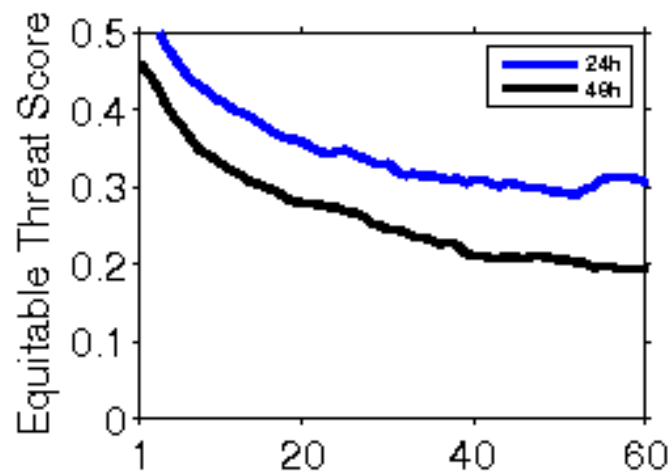


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.75(-0.62)	17.24(8.29)	2.03(1.11)
48 Hour	1.79(-0.37)	18.17(7.61)	2.78(1.23)
72 Hour	1.85(-0.33)	18.53(7.40)	3.45(1.02)

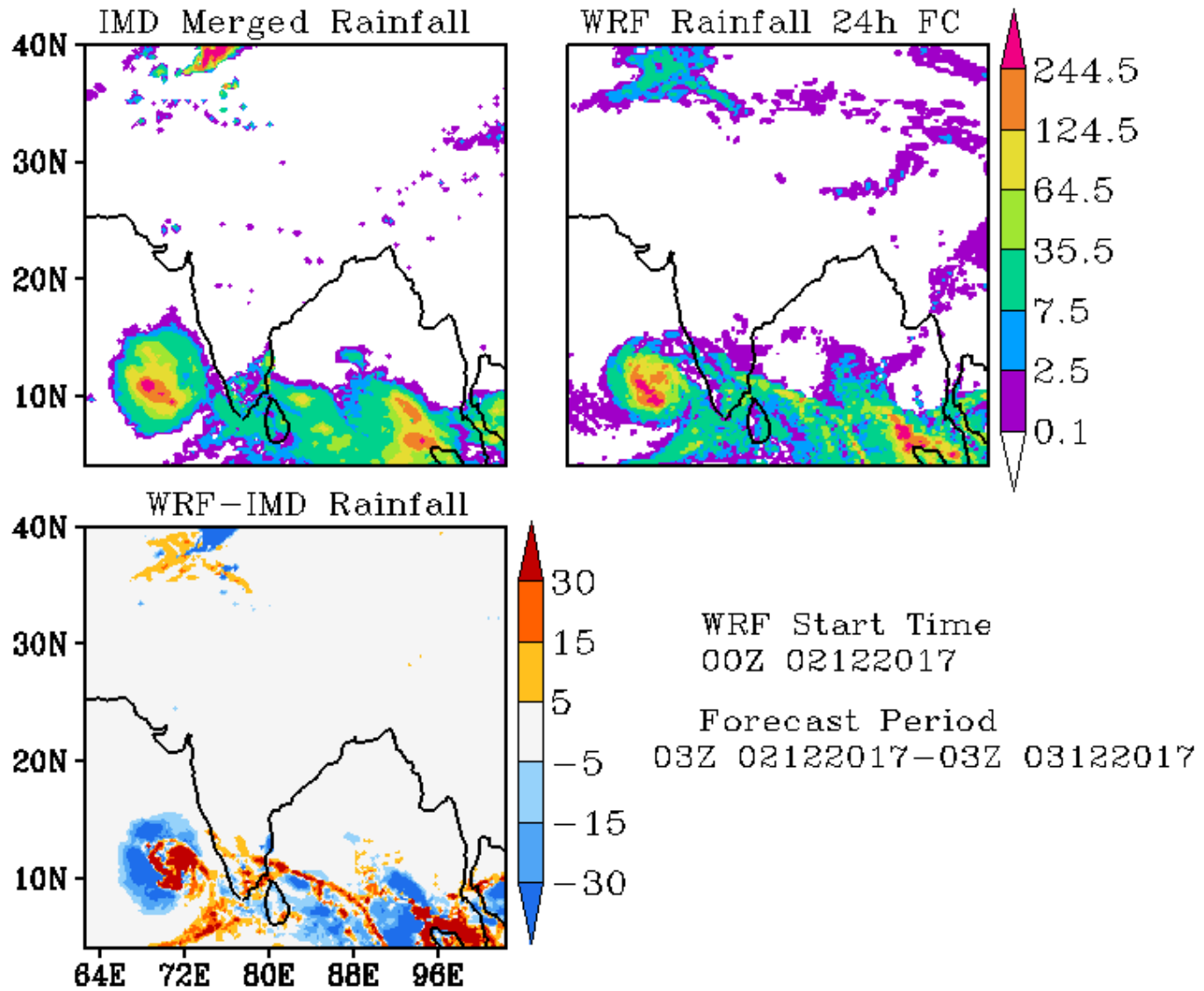


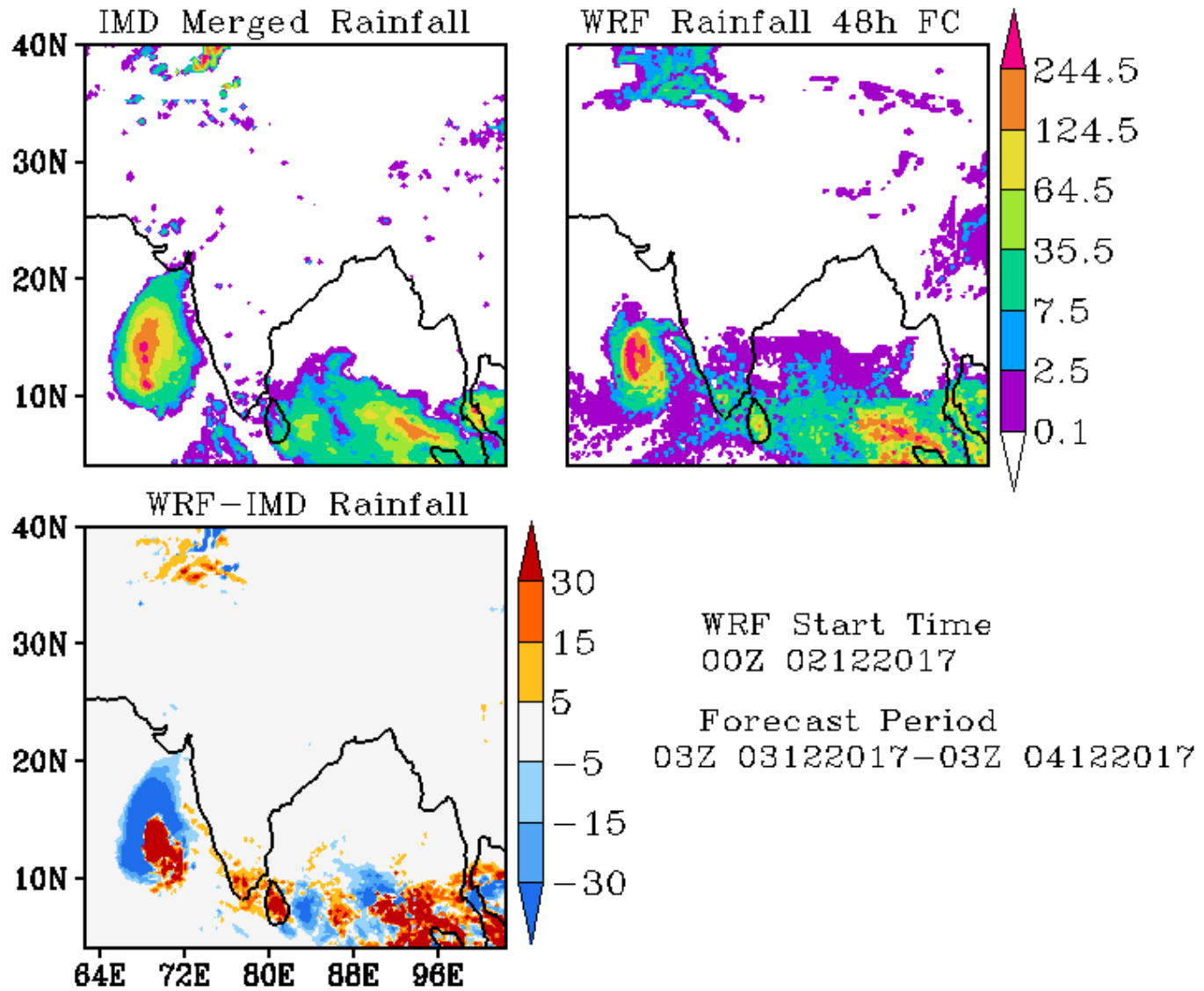


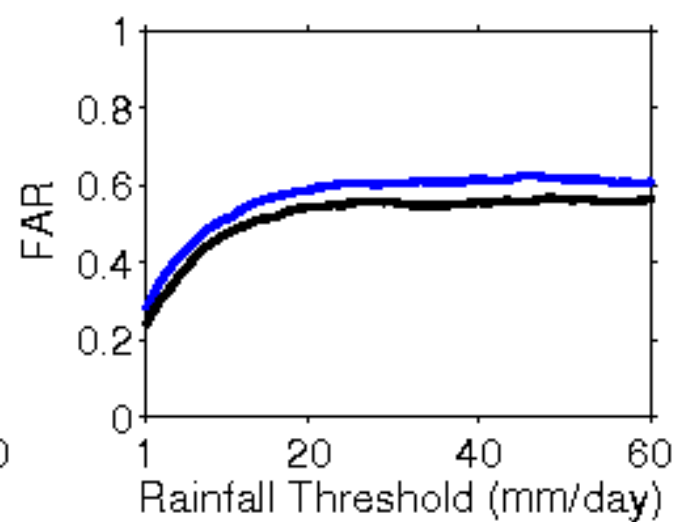
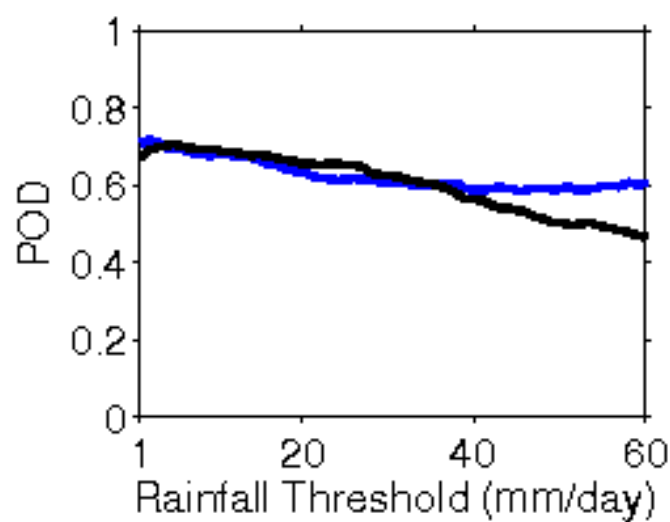
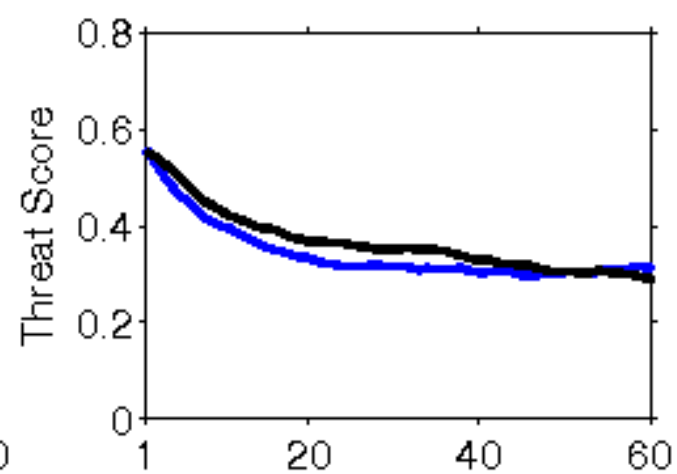
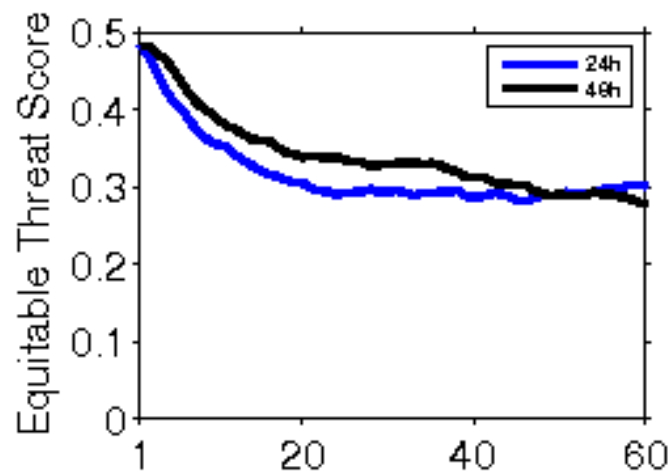


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.68(-0.49)	16.59(7.77)	2.34(1.16)
48 Hour	1.57(-0.16)	17.84(7.29)	3.13(1.35)
72 Hour	2.05(0.04)	16.93(5.81)	3.97(1.51)

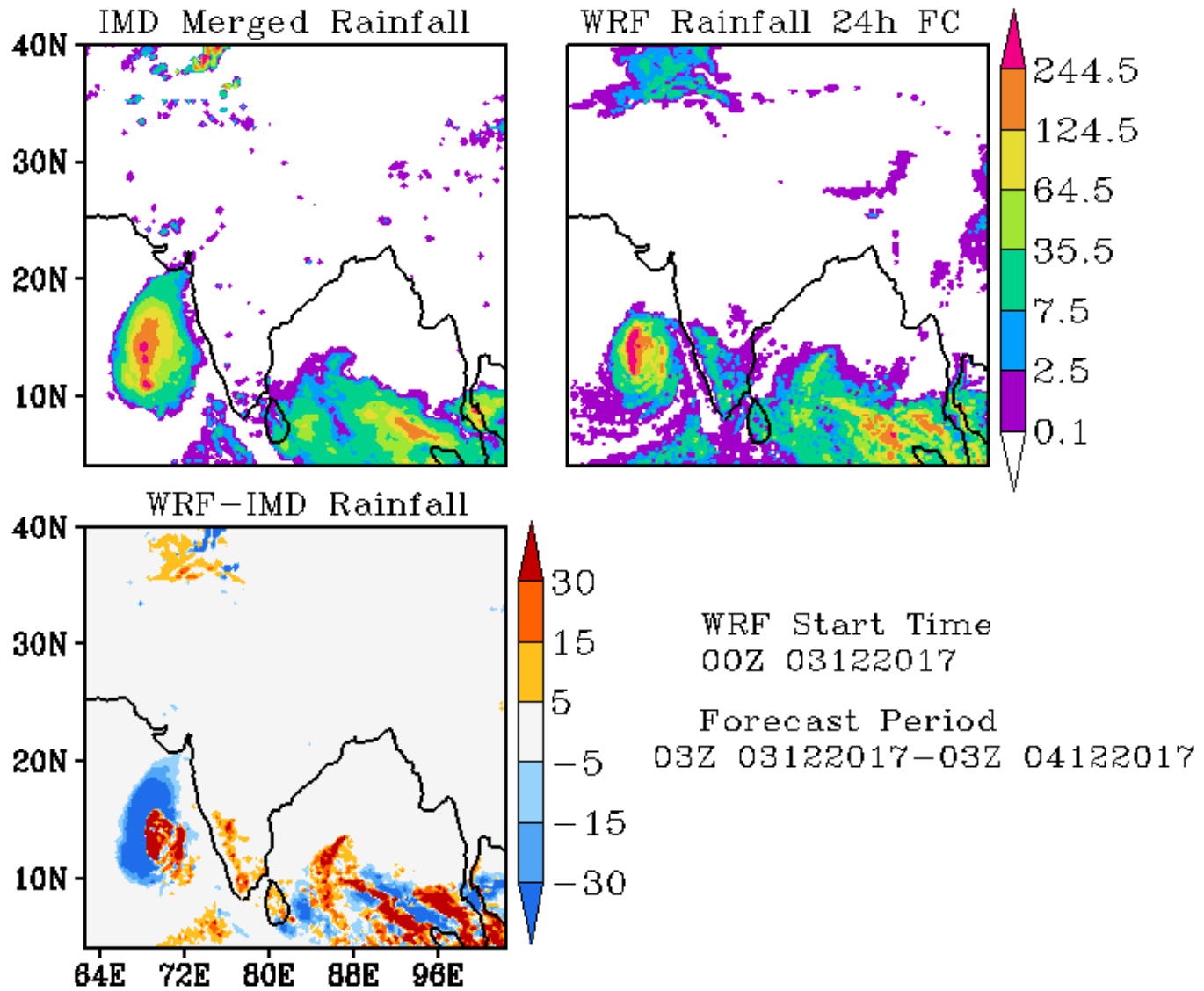


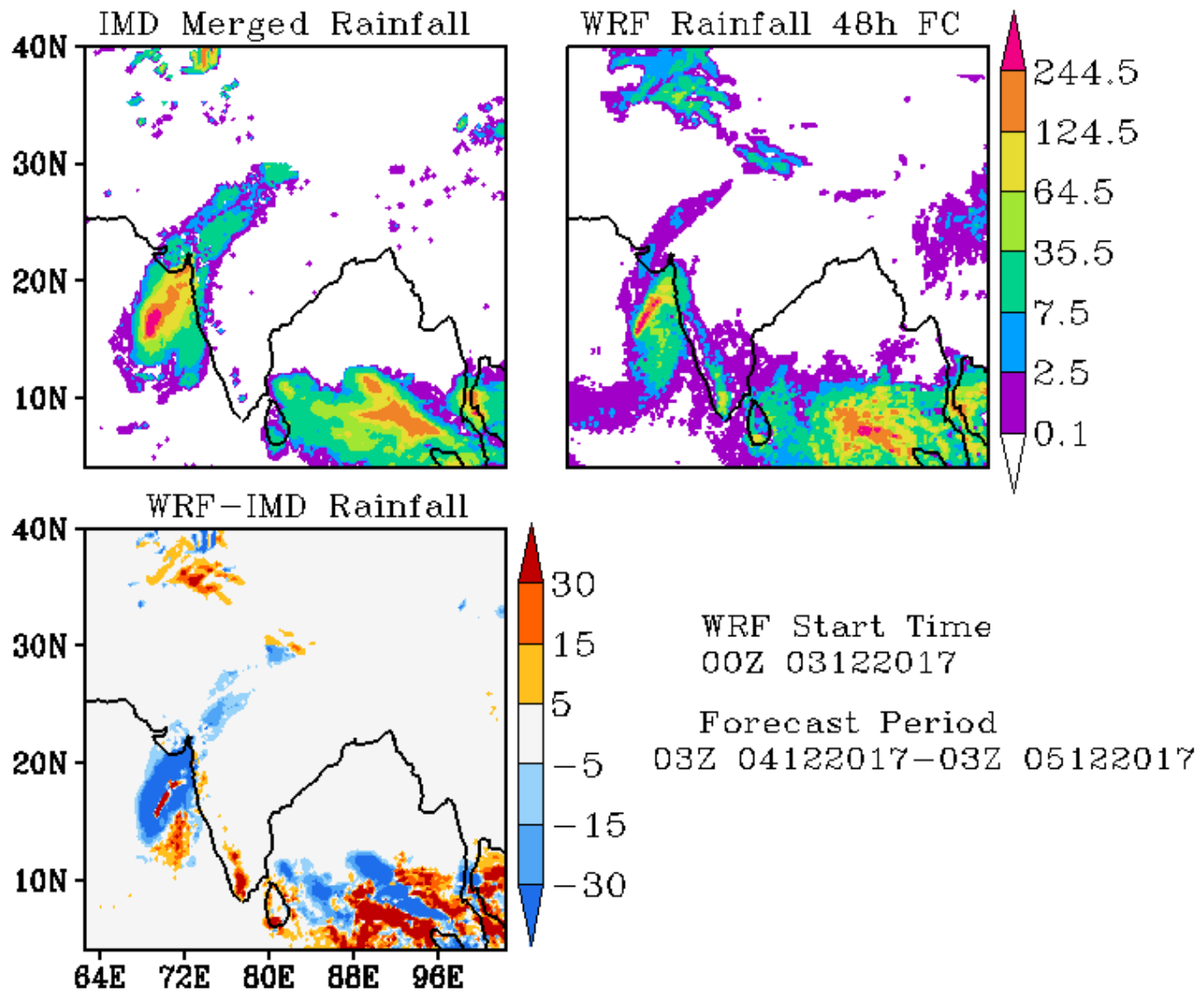


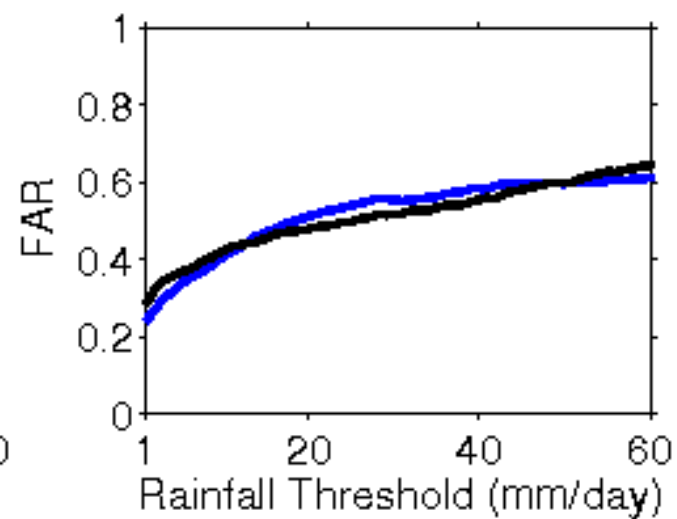
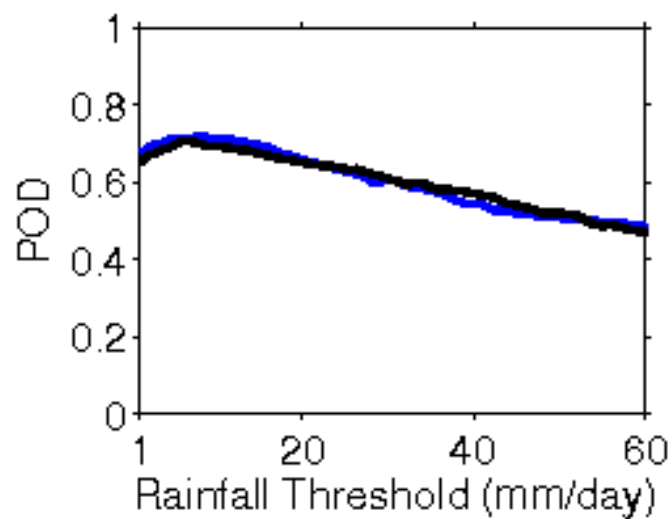
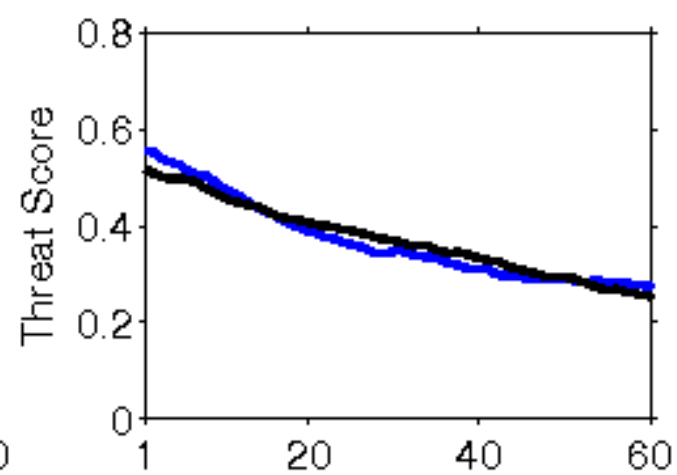
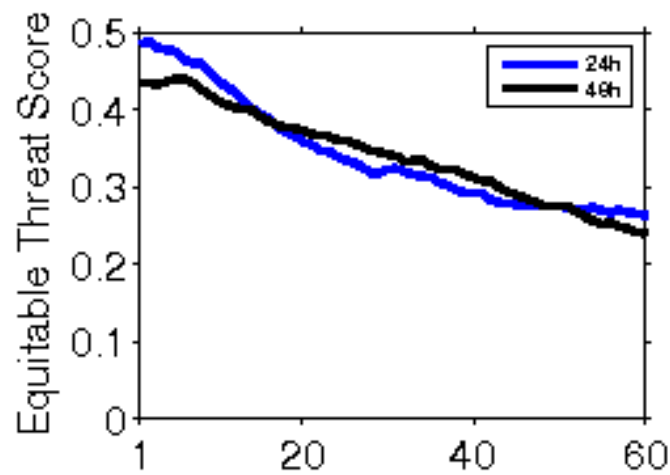


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.62(-0.52)	16.40(7.23)	2.42(1.15)
48 Hour	1.89(-0.02)	15.54(7.20)	3.41(1.15)
72 Hour	2.96(0.10)	17.76(5.49)	5.31(1.41)

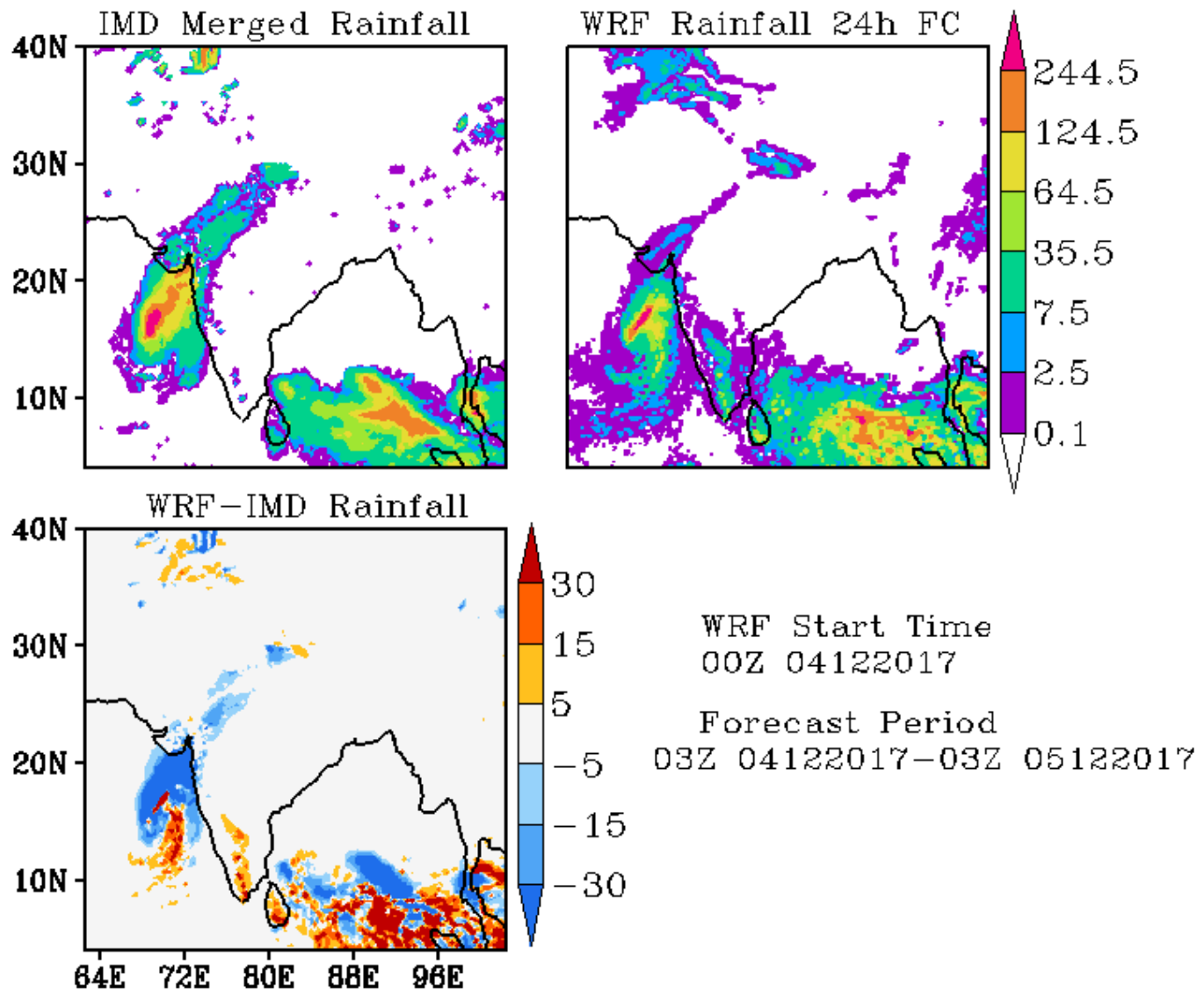


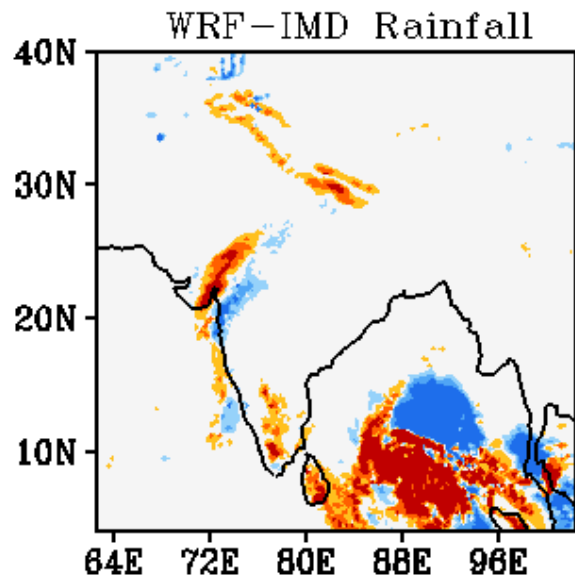
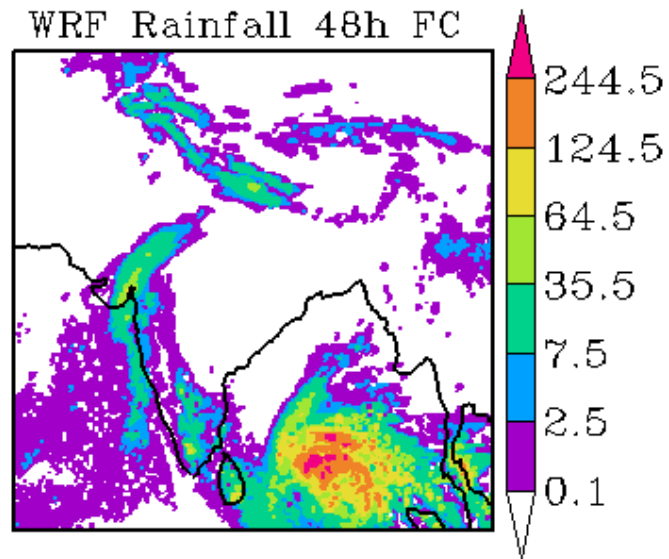
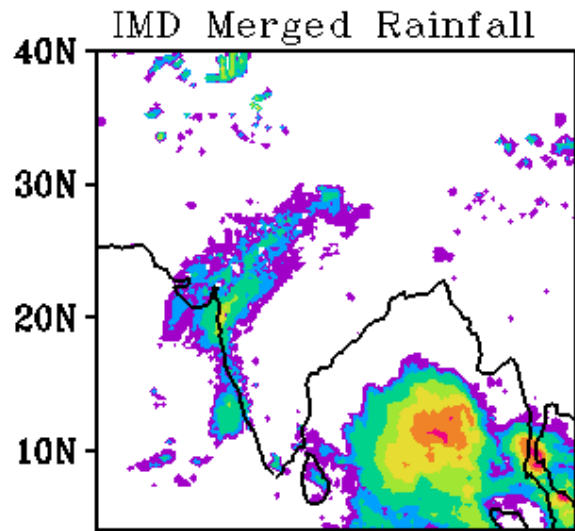




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

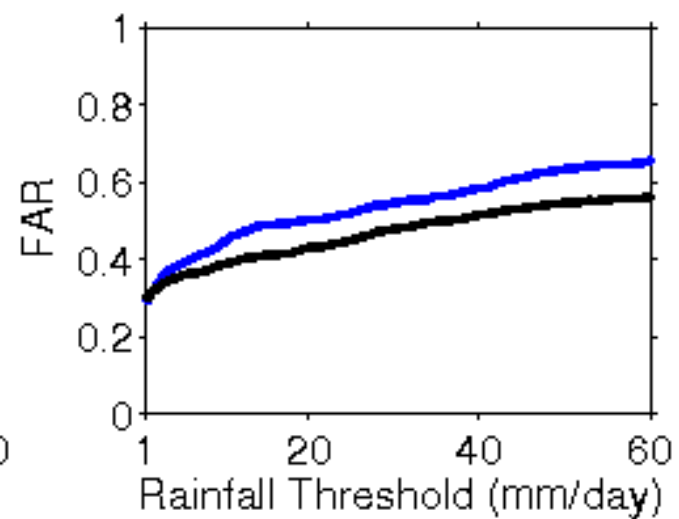
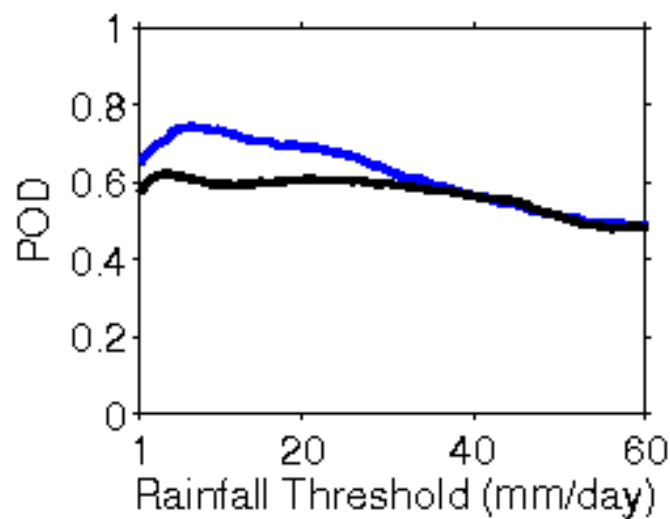
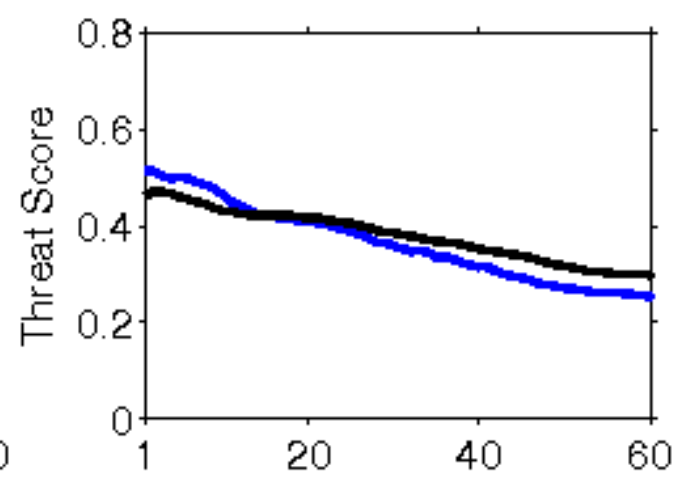
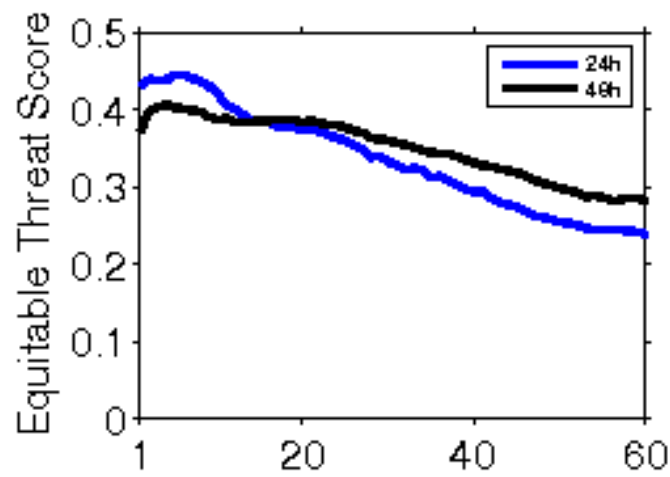
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.76(-0.64)	16.84(7.26)	2.36(0.91)
48 Hour	2.43(-0.25)	19.23(6.34)	4.36(1.32)
72 Hour	2.69(0.01)	28.62(6.19)	4.61(1.28)





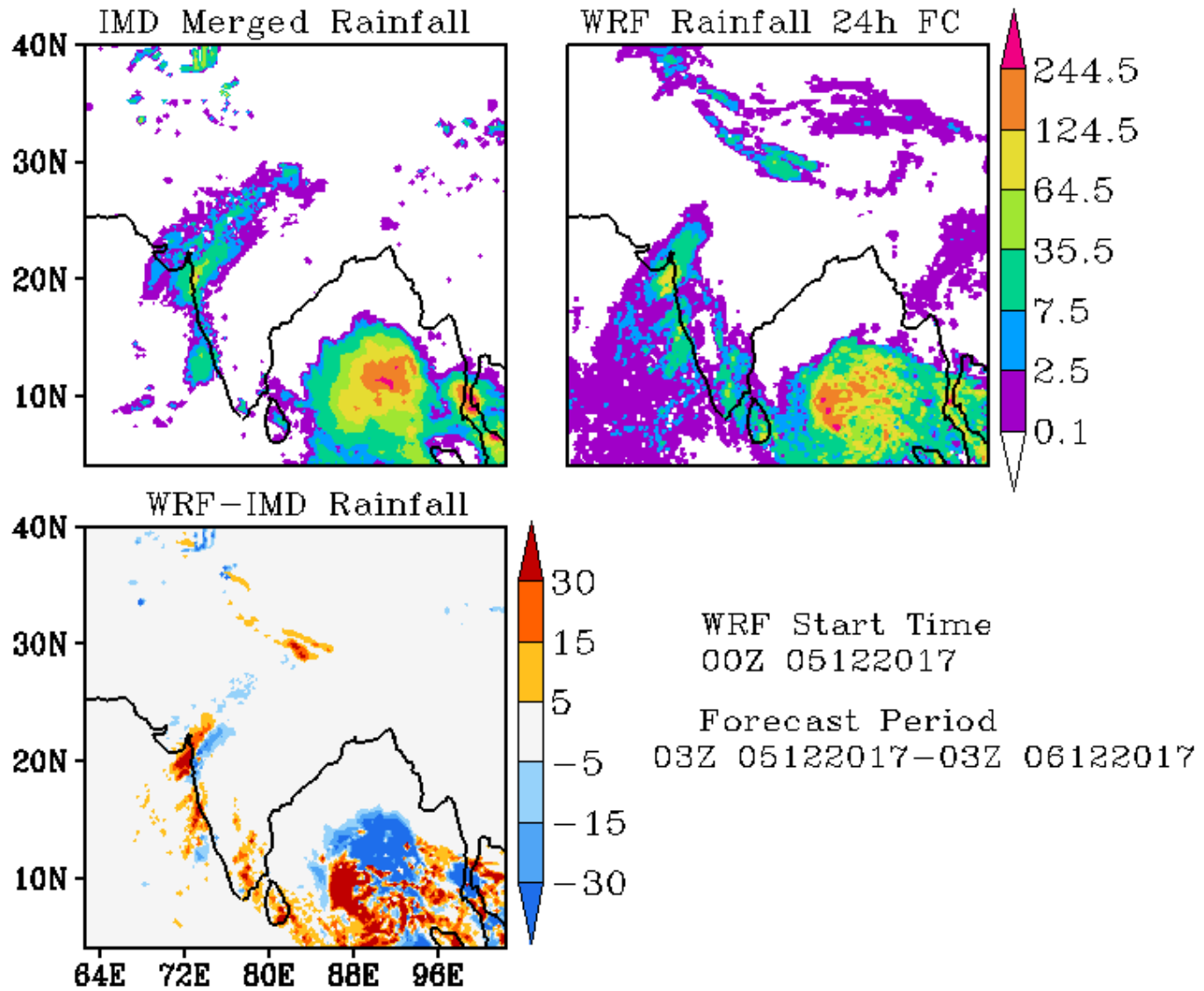
WRF Start Time
00Z 04122017

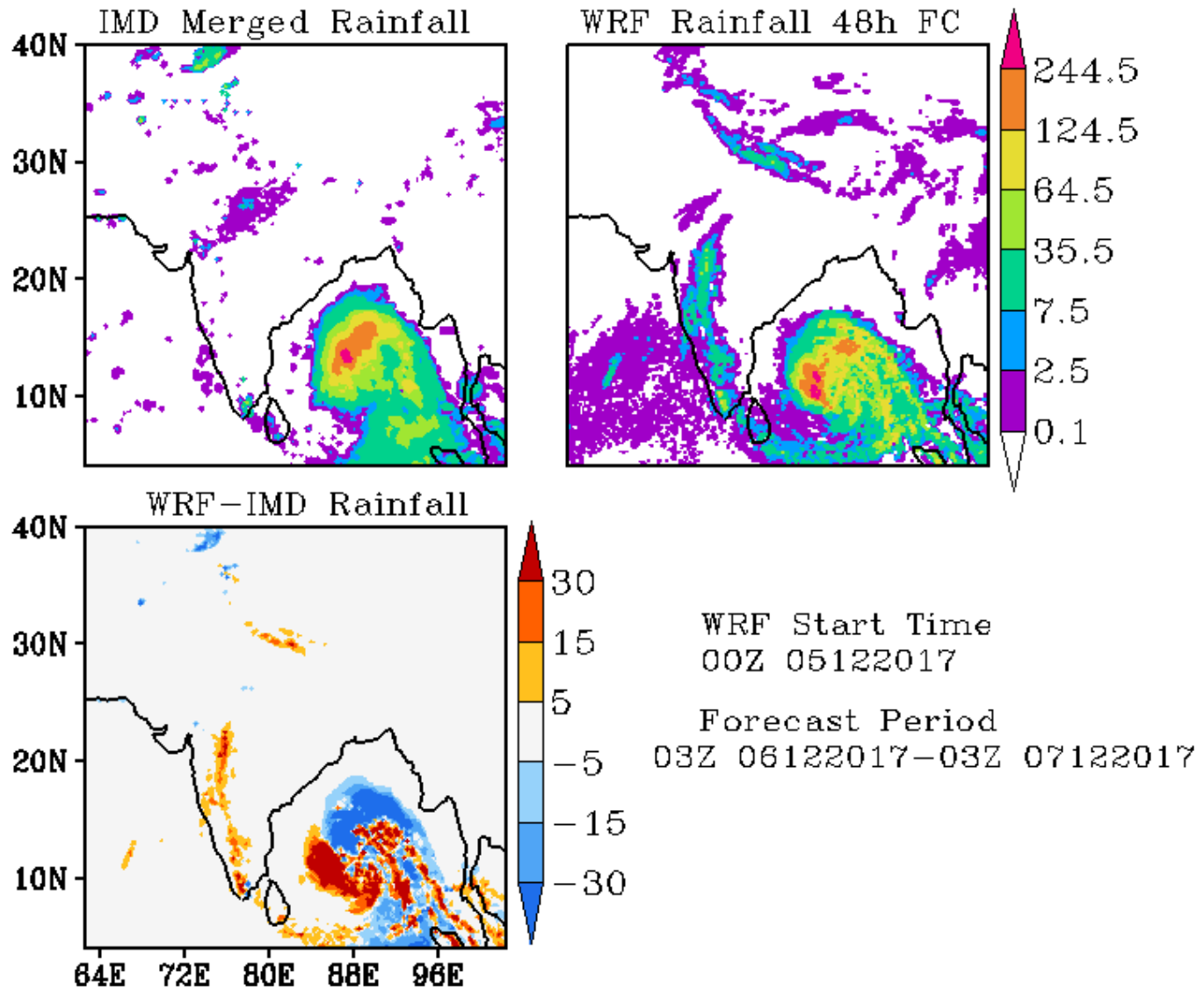
Forecast Period
03Z 05122017-03Z 06122017

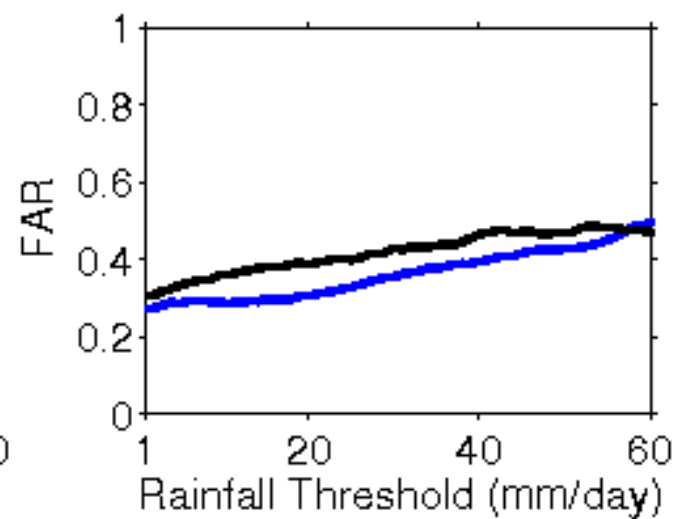
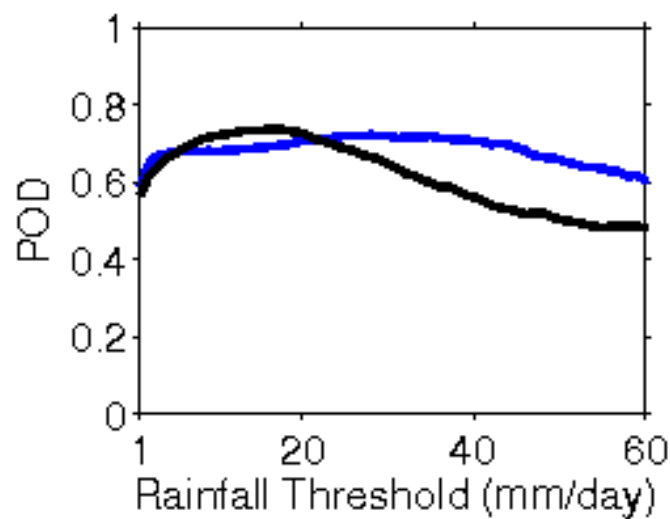
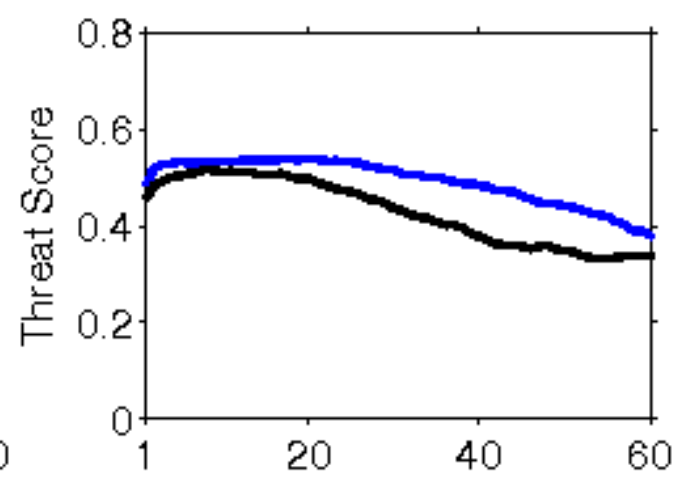
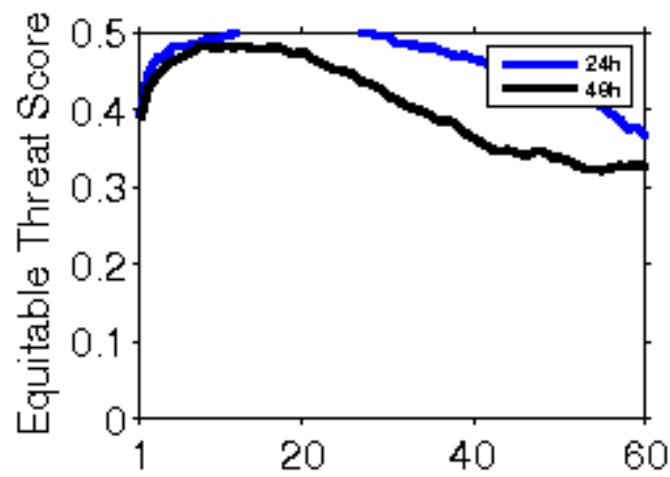


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.84(-0.36)	15.75(7.19)	3.02(1.20)
48 Hour	2.11(-0.01)	24.41(6.32)	3.95(1.39)
72 Hour	2.50(0.16)	26.44(4.95)	3.94(1.97)

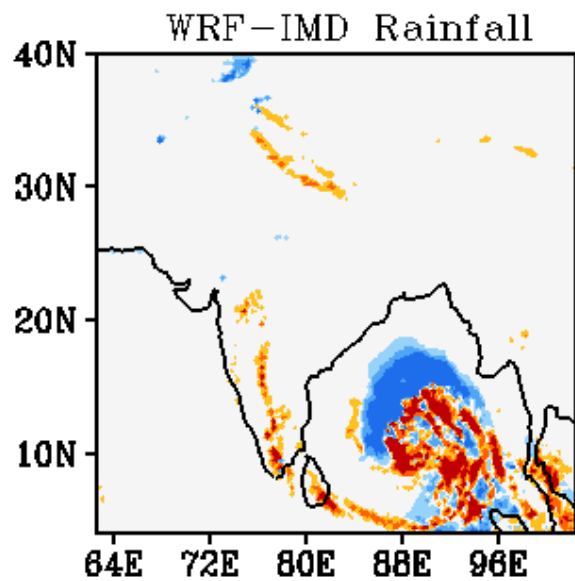
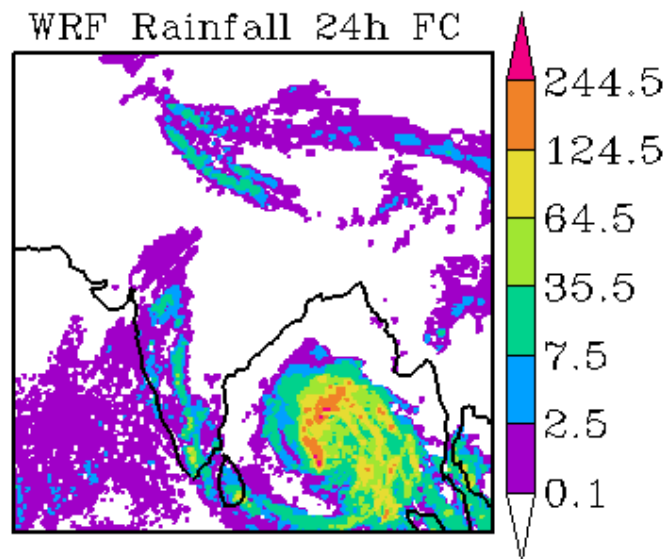
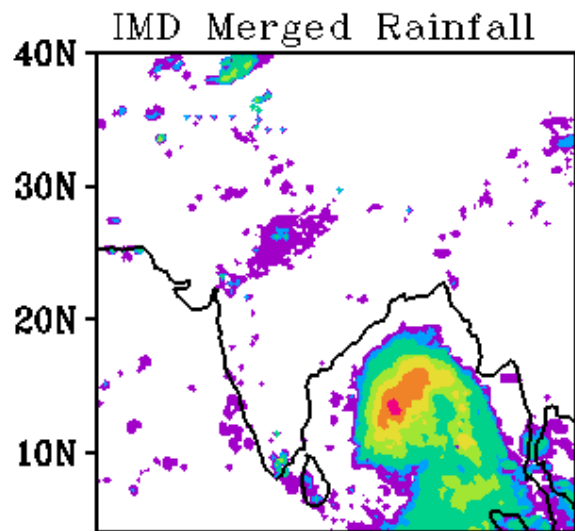






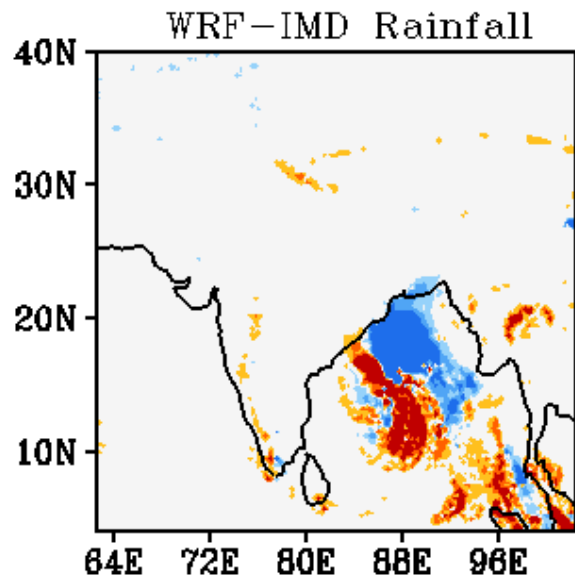
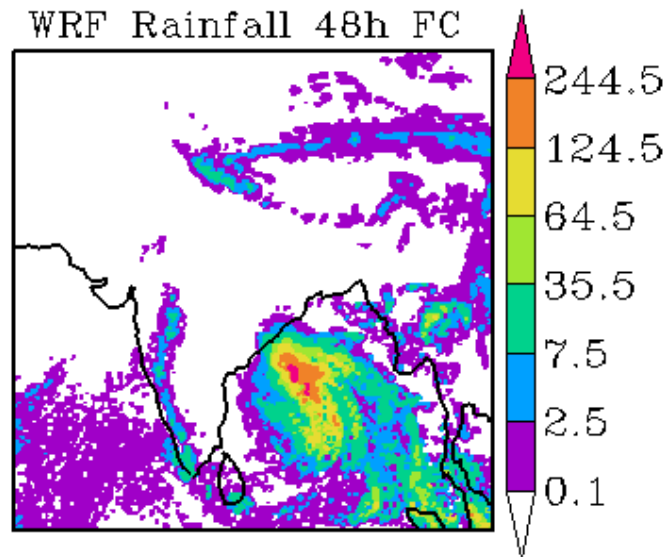
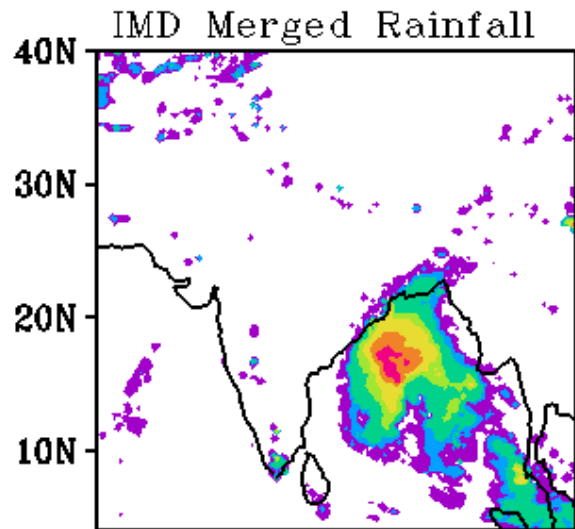
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.93(-0.59)	15.81(7.77)	2.54(1.01)
48 Hour	2.09(-0.16)	15.49(11.33)	2.97(1.59)
72 Hour	3.51(-0.11)	17.53(11.45)	3.43(1.83)



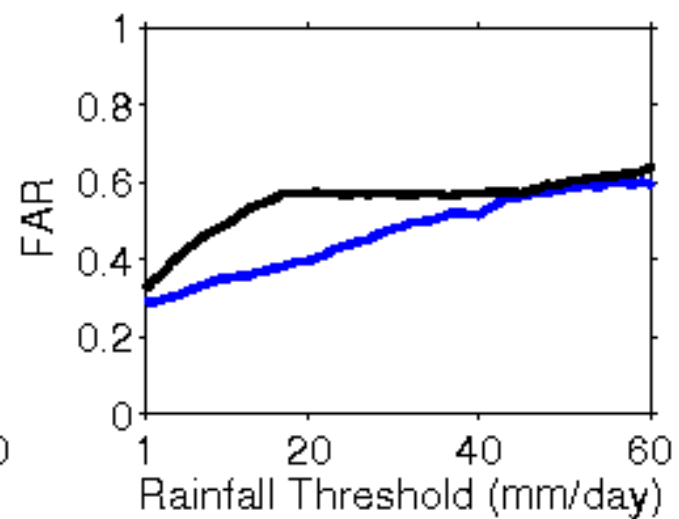
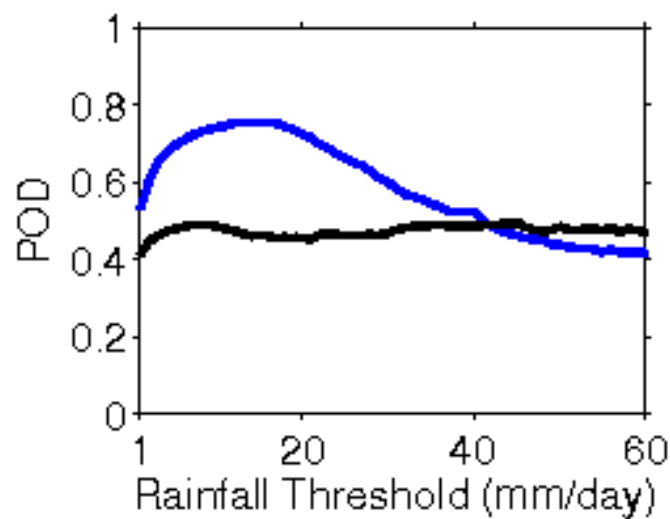
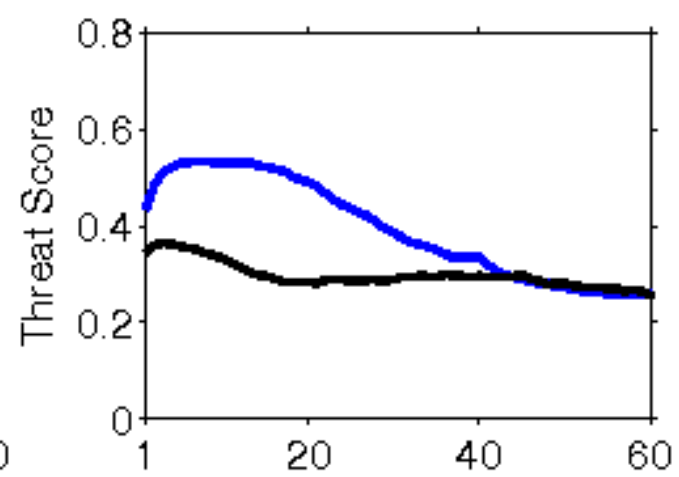
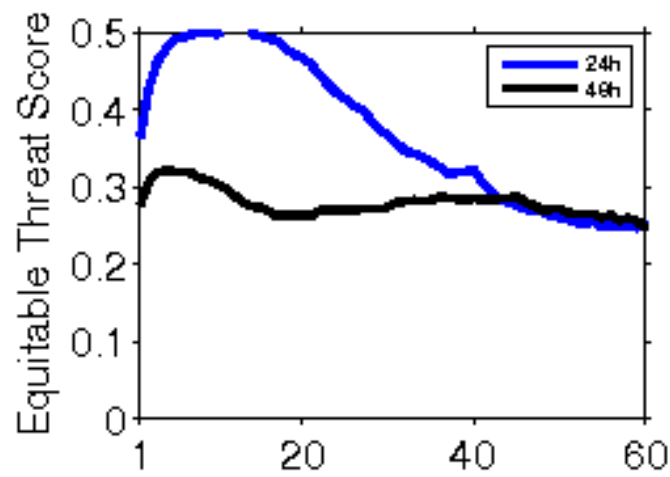
WRF Start Time
00Z 06122017

Forecast Period
03Z 06122017-03Z 07122017



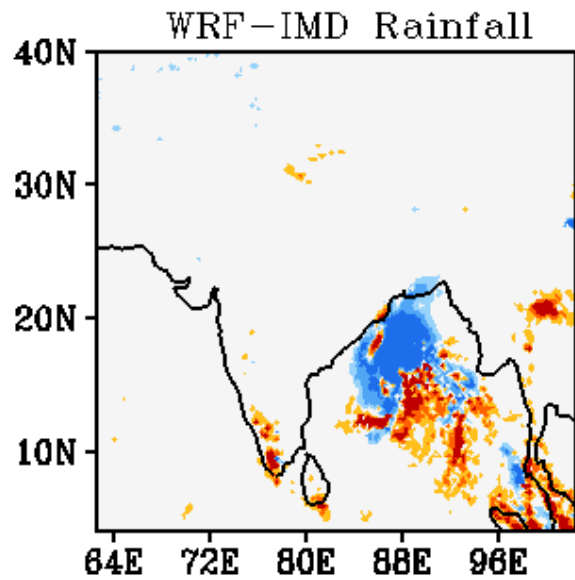
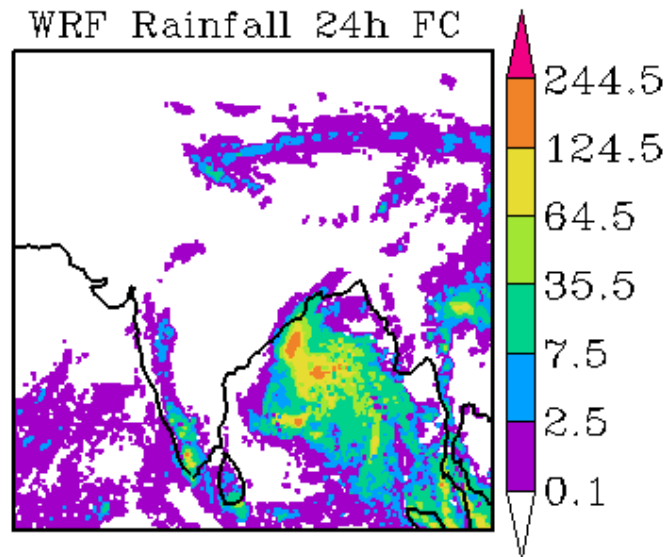
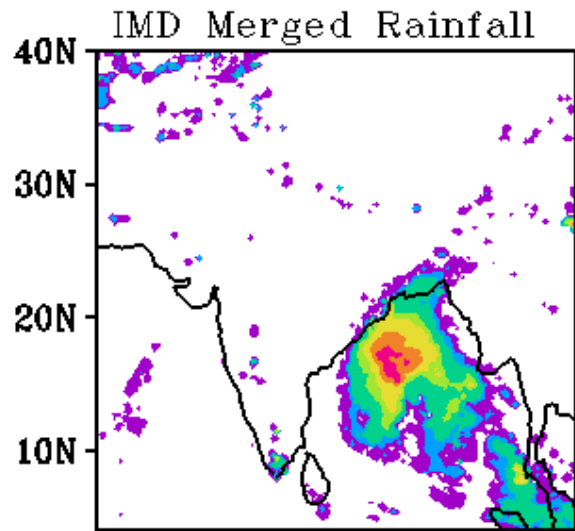
WRF Start Time
00Z 06122017

Forecast Period
03Z 07122017-03Z 08122017



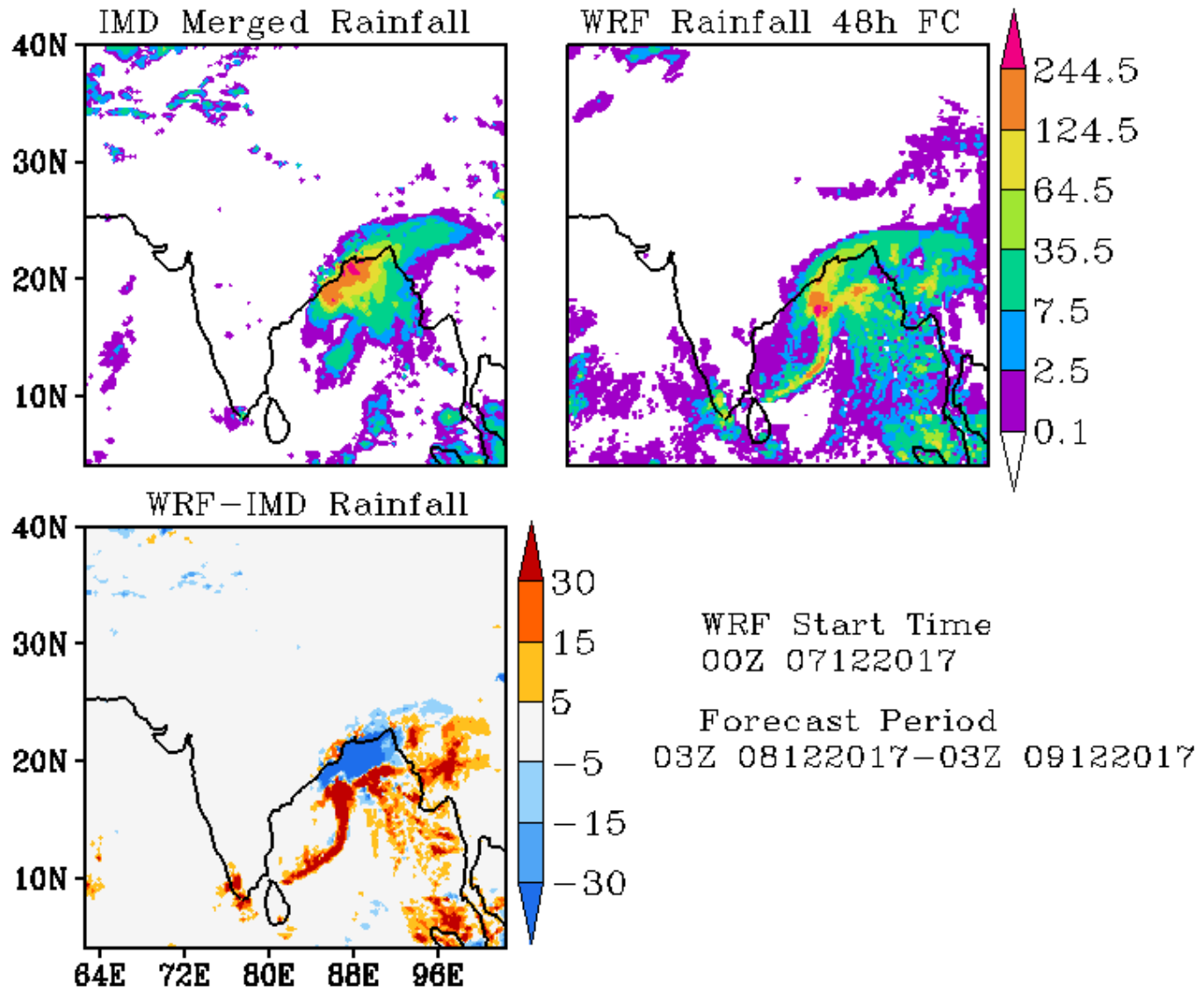
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

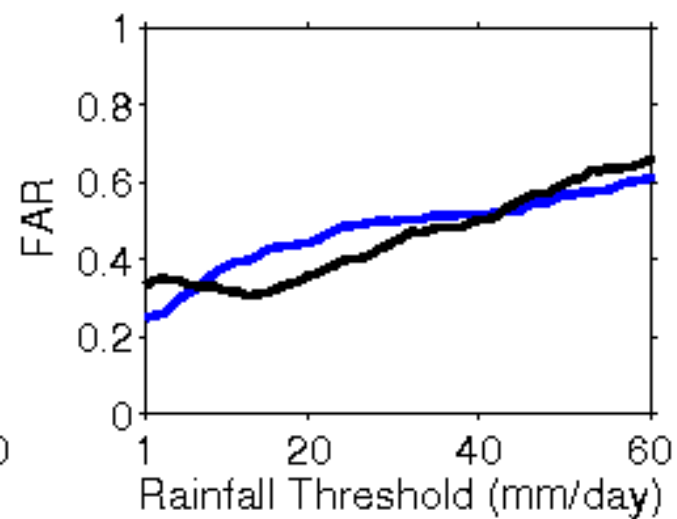
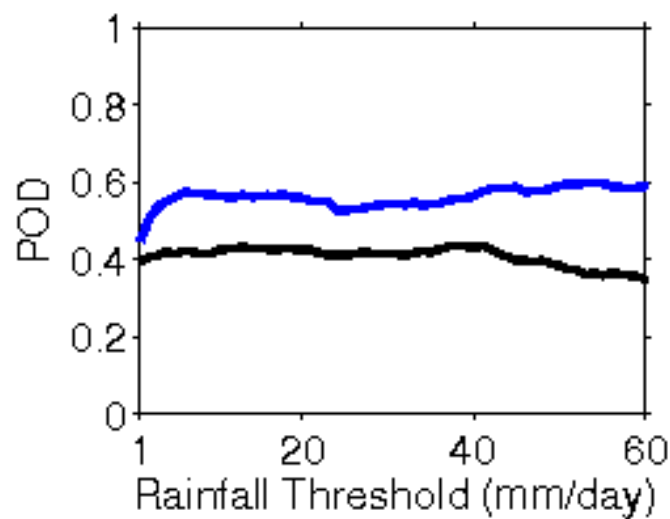
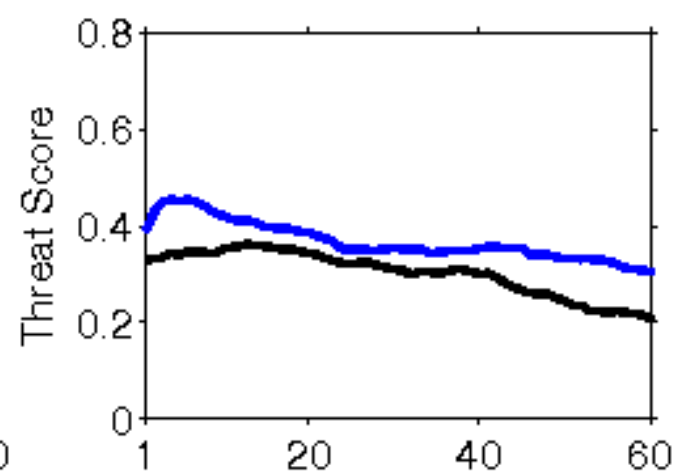
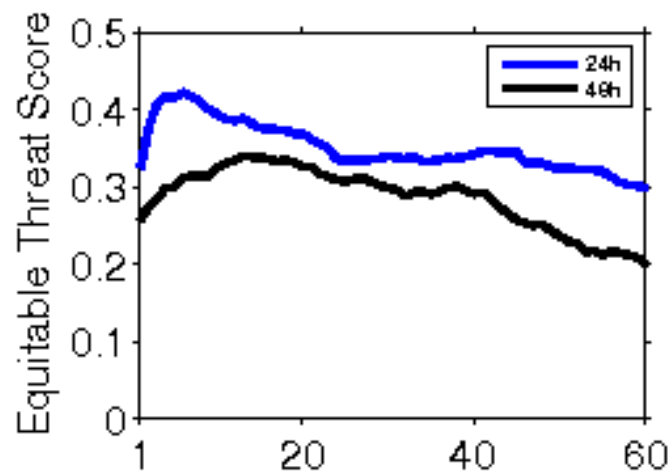
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.85(-0.57)	15.73(7.58)	2.13(0.82)
48 Hour	2.95(-0.51)	17.35(6.72)	2.67(1.41)
72 Hour	3.55(-0.31)	18.66(10.55)	3.31(1.63)



WRF Start Time
00Z 07122017

Forecast Period
03Z 07122017-03Z 08122017



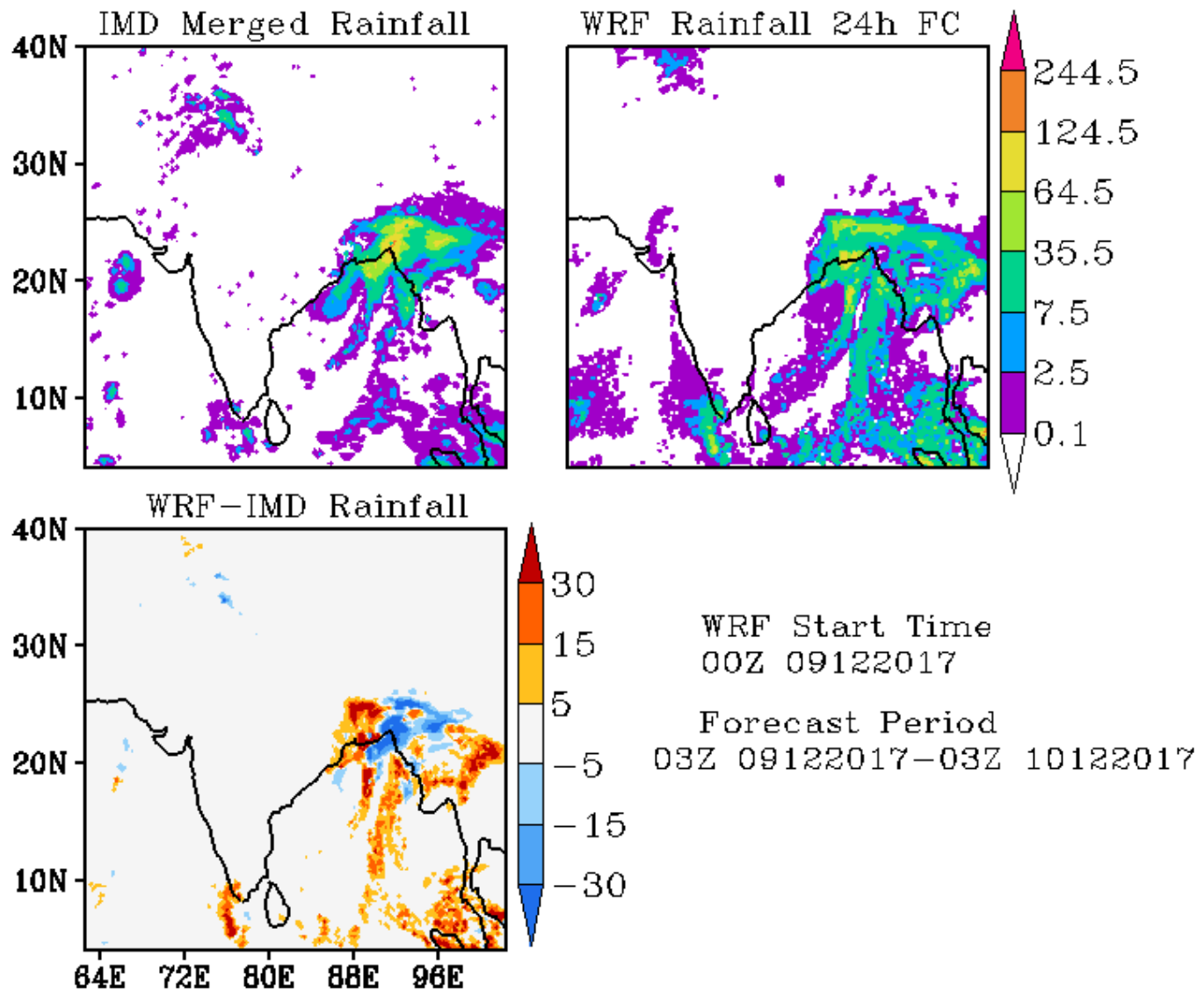


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.86(-0.87)	15.94(6.87)	2.03(1.01)
48 Hour	2.42(-0.50)	17.39(5.37)	2.84(1.10)
72 Hour	2.67(-0.43)	21.56(5.73)	2.96(1.36)

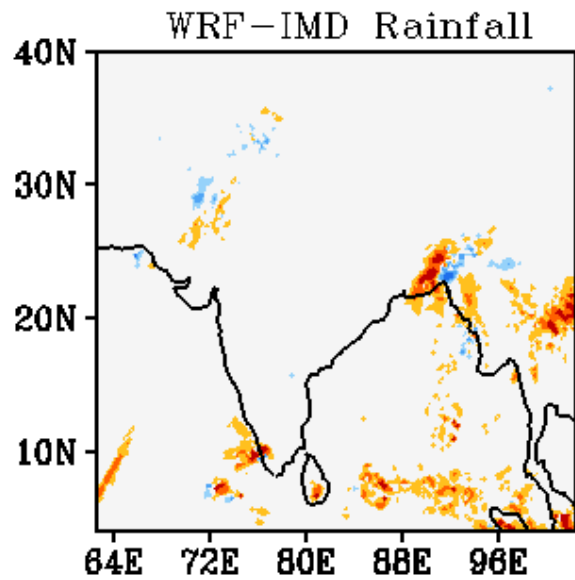
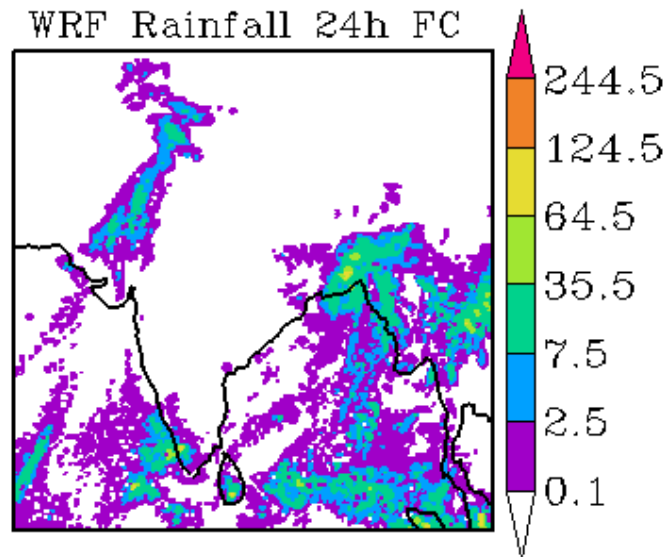
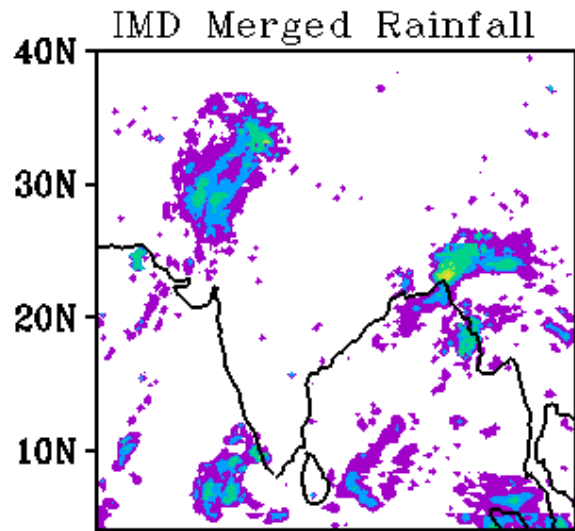
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.59(-0.57)	15.29(8.56)	2.33(1.25)
48 Hour	2.08(-0.49)	18.96(8.31)	2.65(1.44)
72 Hour	2.32(-0.22)	25.23(6.88)	3.12(1.74)



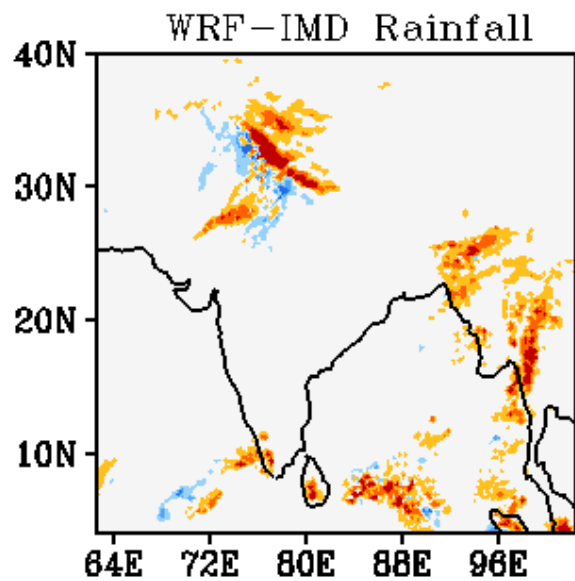
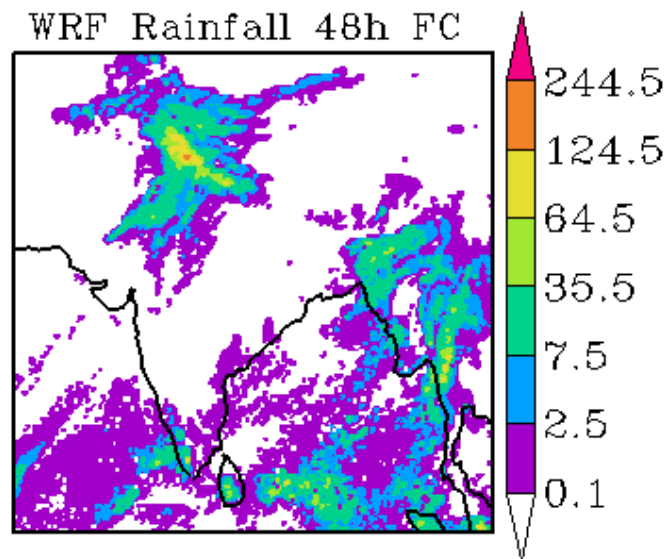
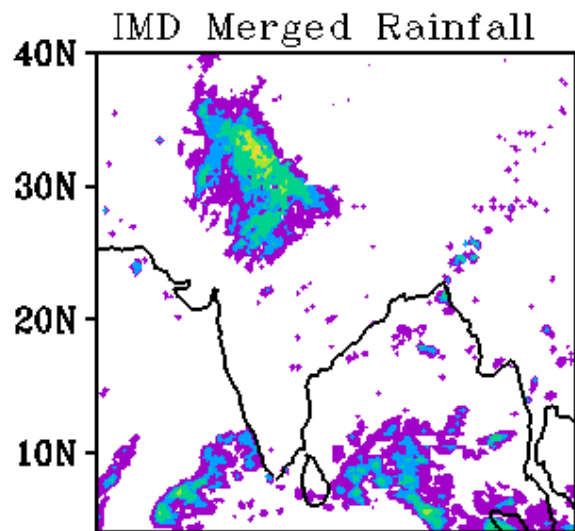
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.60(-0.51)	17.17(10.14)	2.01(0.95)
48 Hour	1.69(-0.24)	24.87(9.73)	2.36(1.40)
72 Hour	2.32(-0.07)	31.19(11.36)	3.19(1.85)



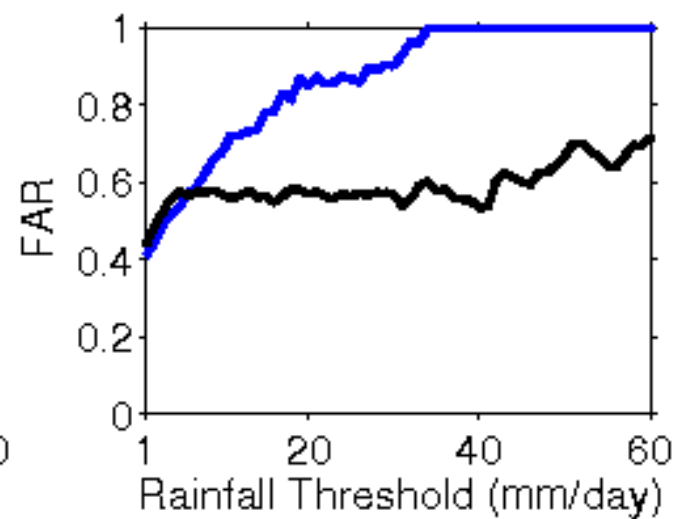
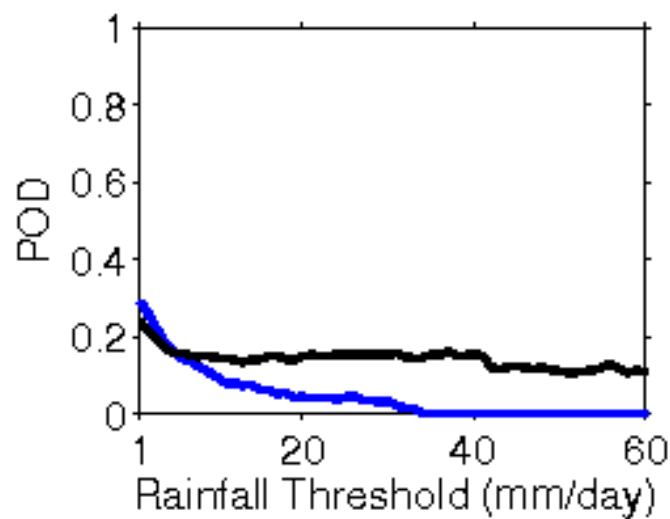
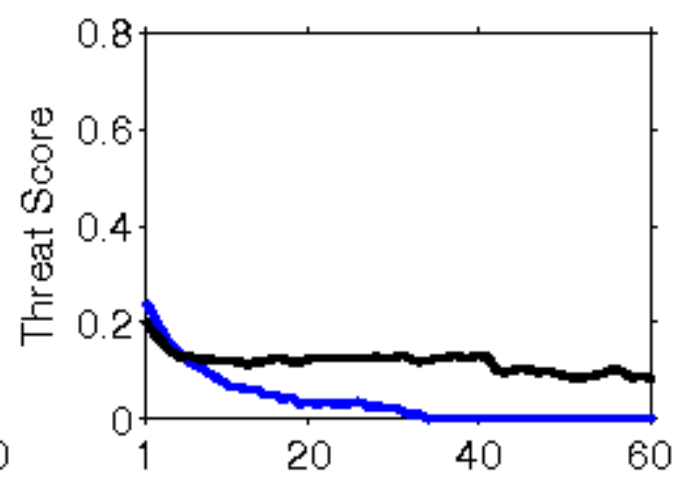
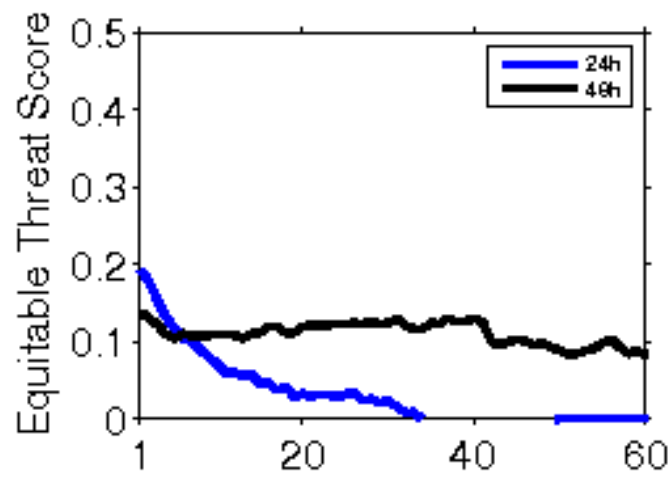
WRF Start Time
00Z 10122017

Forecast Period
03Z 10122017-03Z 11122017



WRF Start Time
00Z 10122017

Forecast Period
03Z 11122017-03Z 12122017

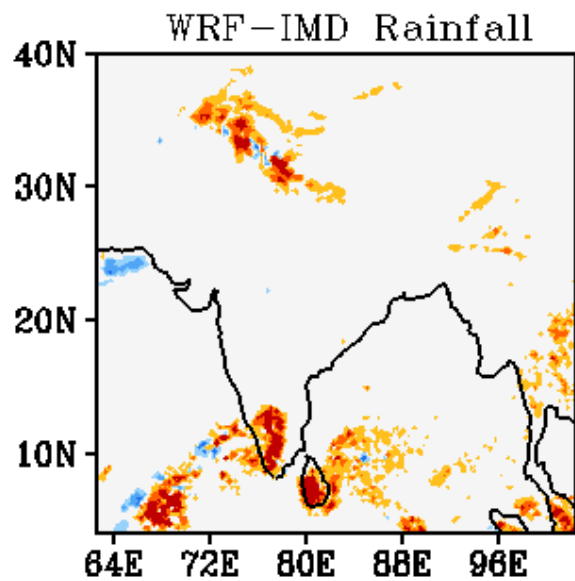
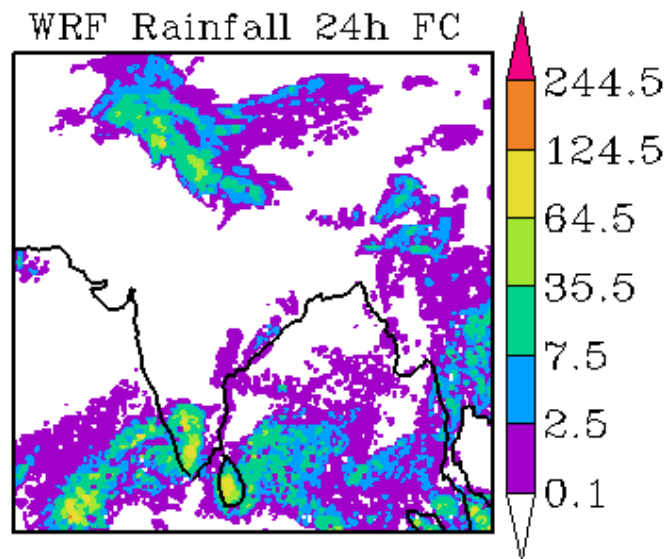
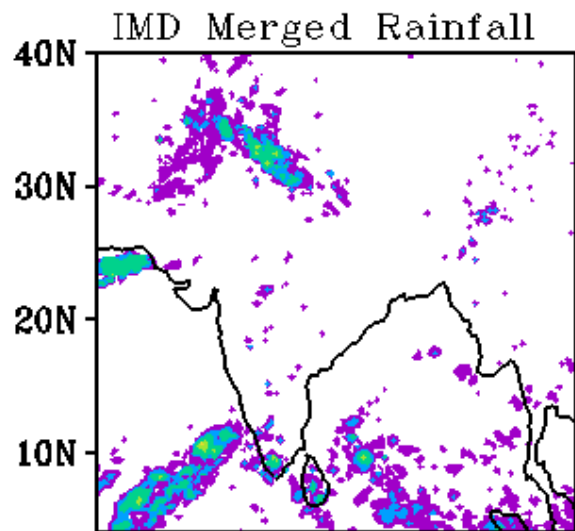


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.58(-0.64)	18.83(11.30)	1.82(0.75)
48 Hour	2.31(-0.25)	27.56(13.21)	2.73(1.02)
72 Hour	3.36(0.08)	25.09(12.44)	2.60(1.26)

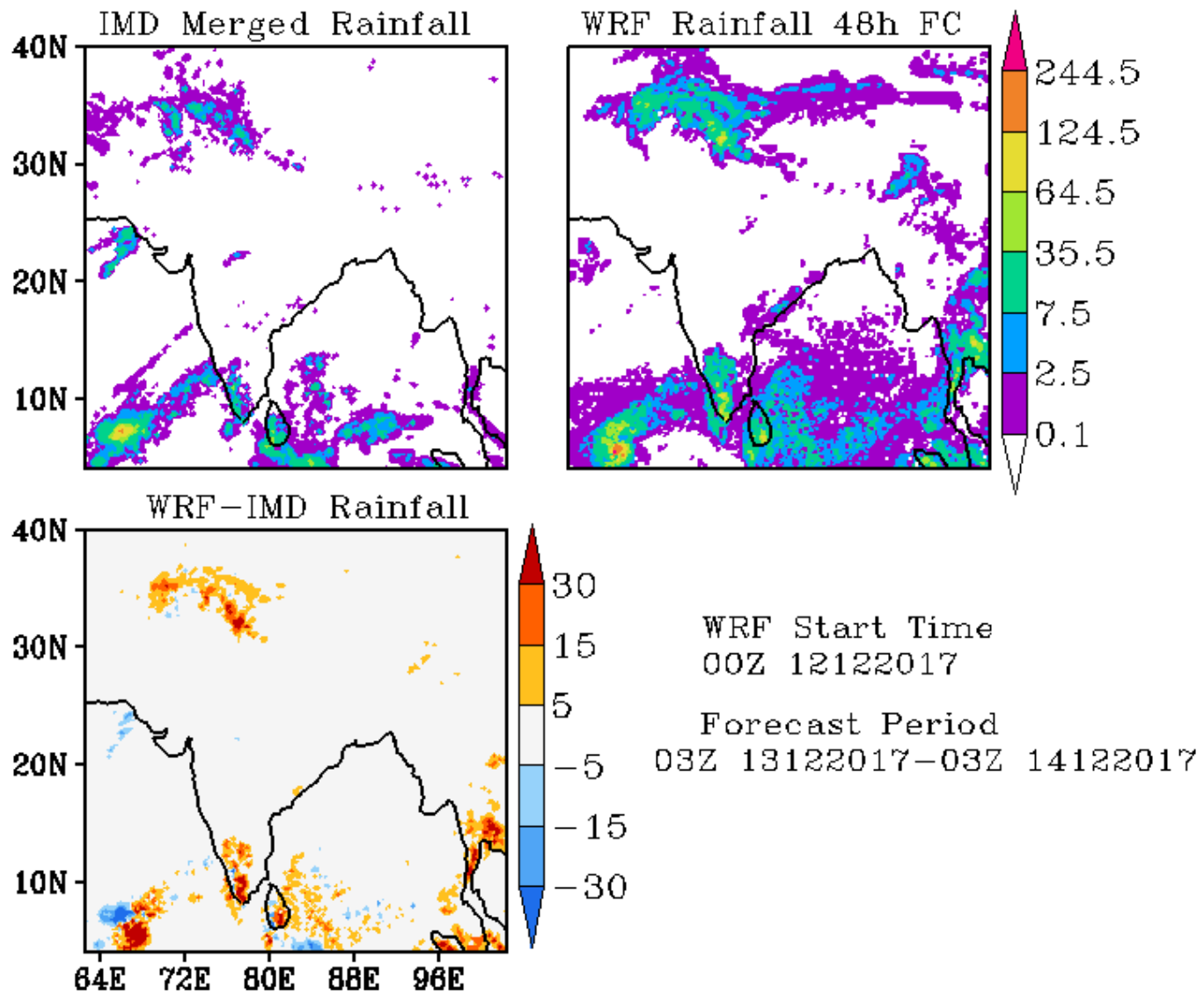
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

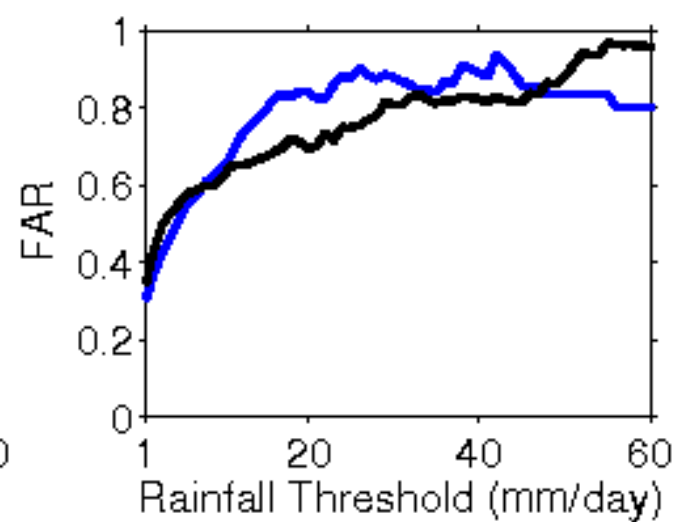
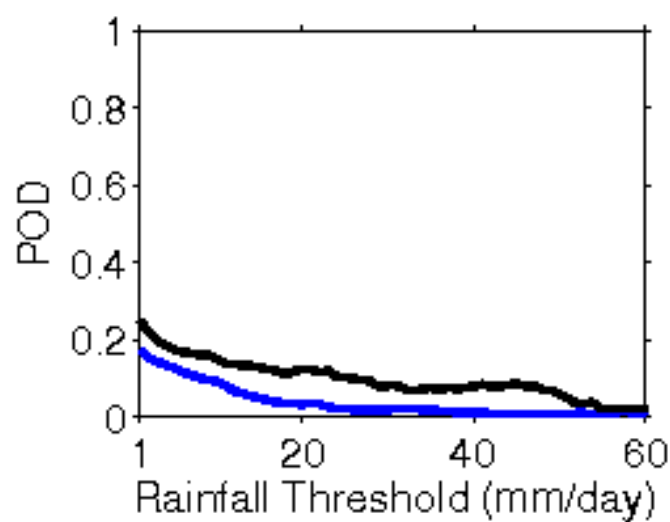
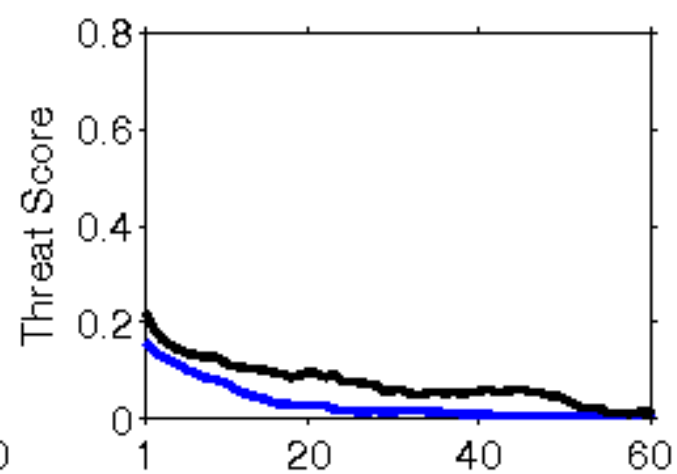
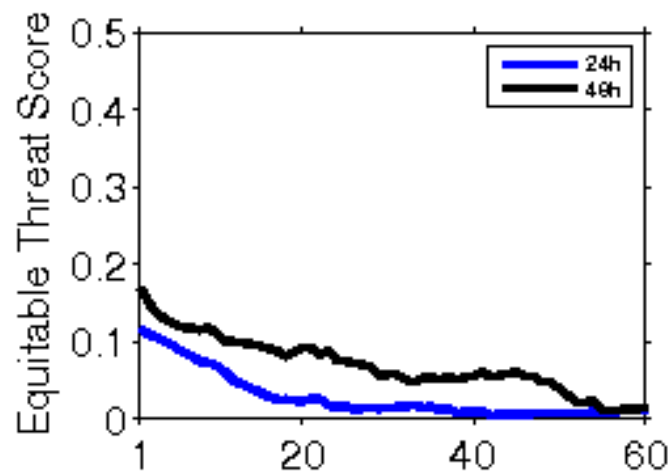
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.71(-0.62)	18.23(9.01)	2.22(0.99)
48 Hour	2.86(-0.34)	21.71(9.21)	2.34(1.04)
72 Hour	2.67(-0.00)	21.82(11.34)	2.62(1.17)



WRF Start Time
00Z 12122017

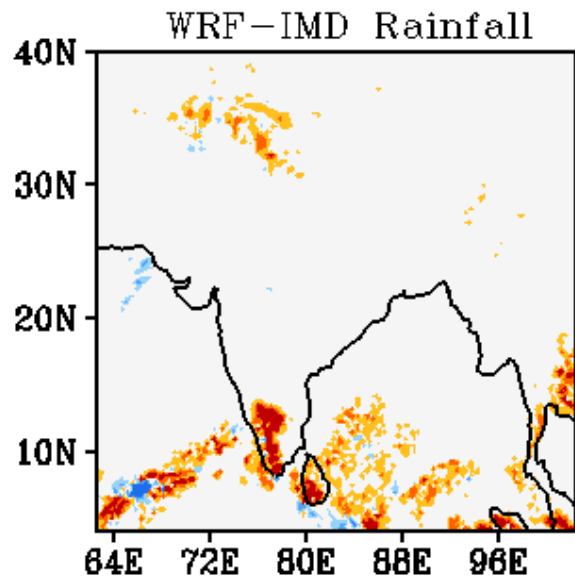
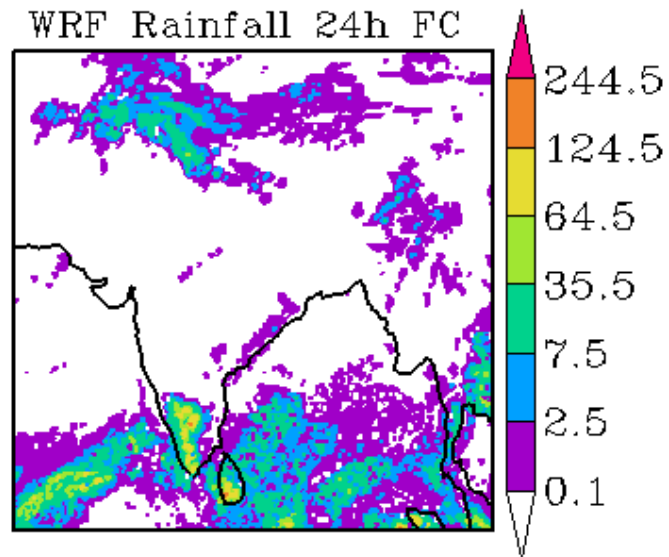
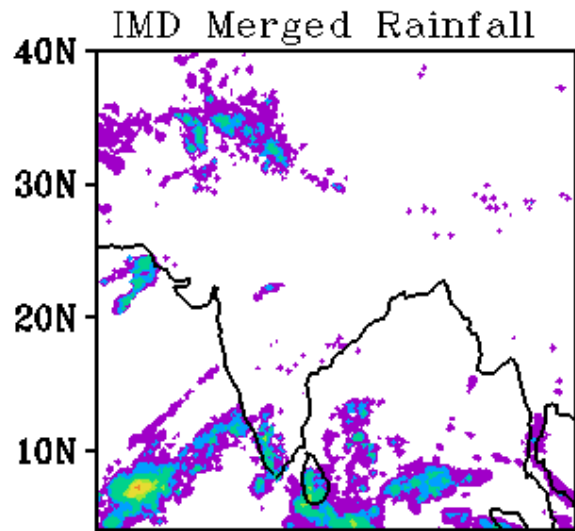
Forecast Period
03Z 12122017-03Z 13122017





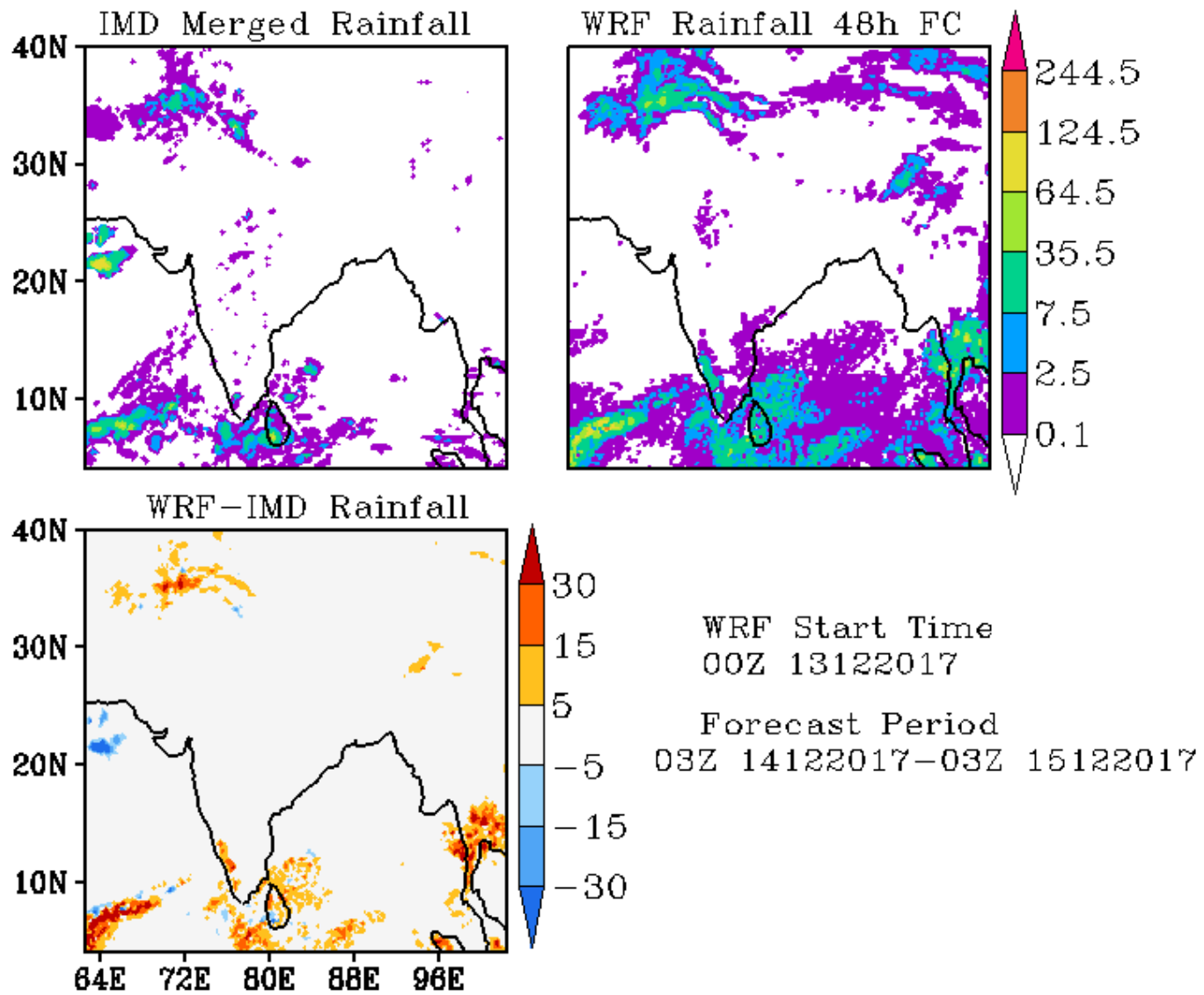
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

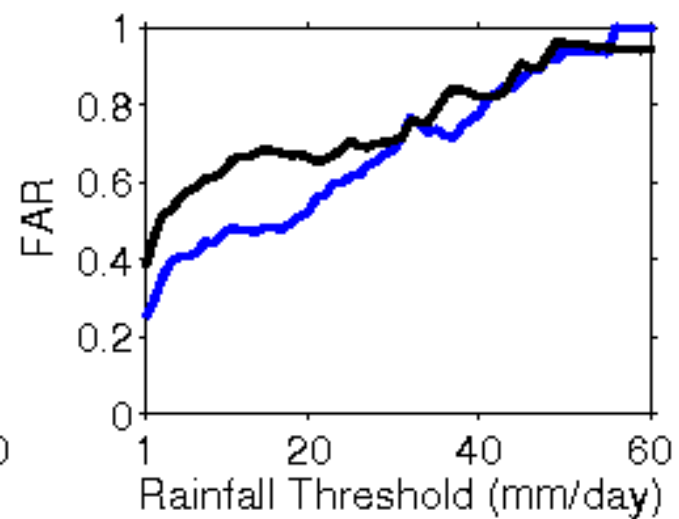
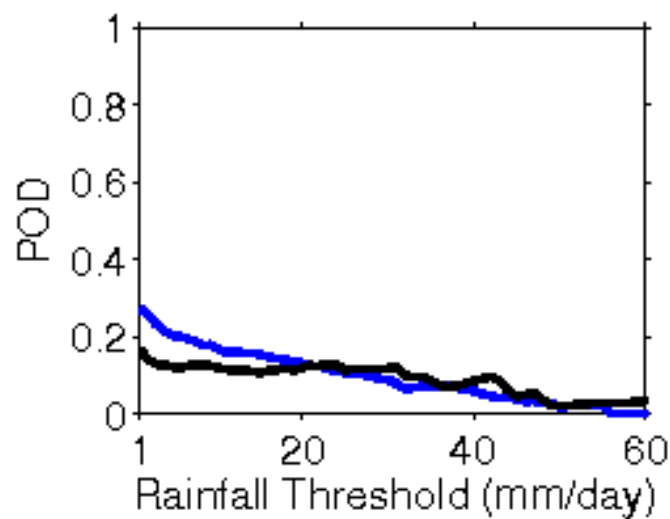
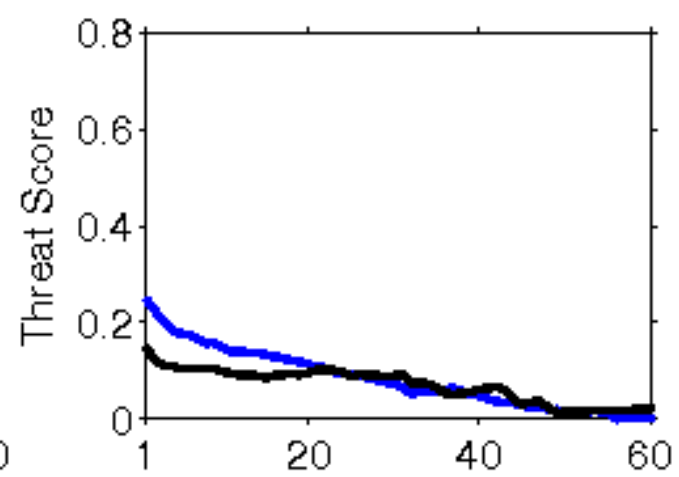
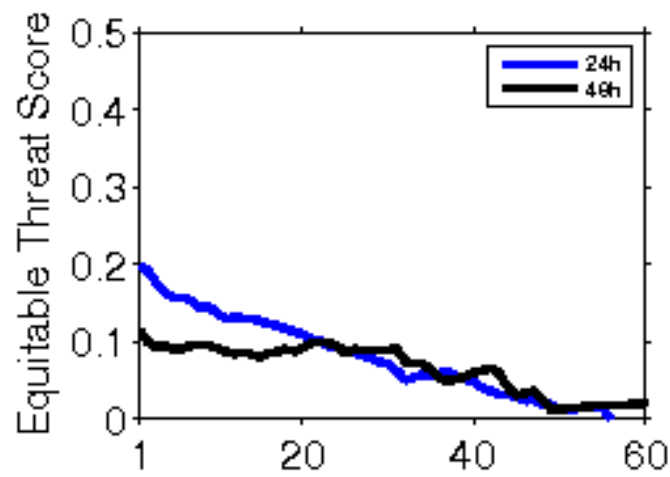
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.74(-0.75)	15.48(5.52)	2.15(0.93)
48 Hour	2.06(-0.59)	17.16(6.76)	2.43(0.89)
72 Hour	2.56(-0.54)	19.81(6.27)	3.04(1.14)



WRF Start Time
00Z 13122017

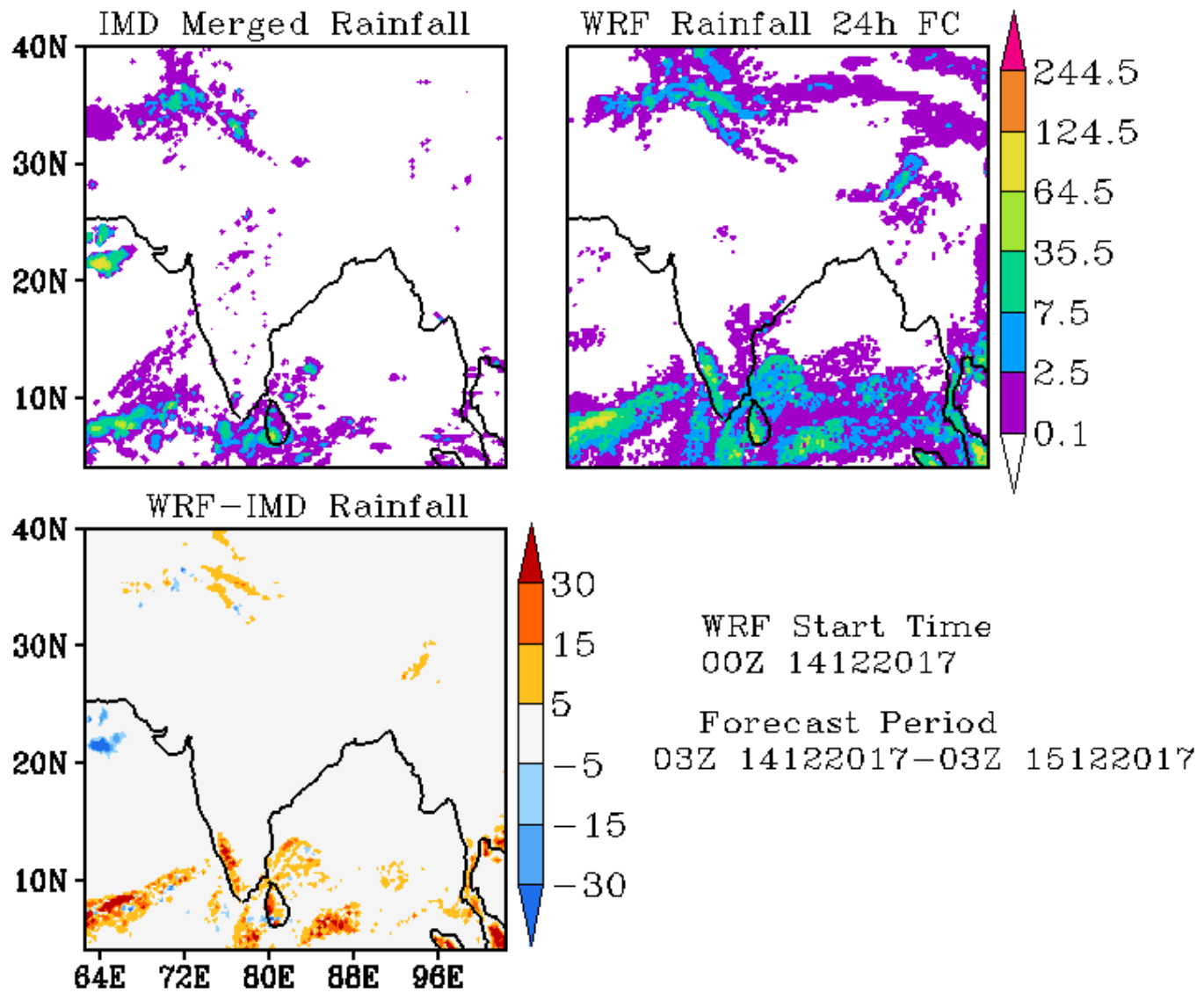
Forecast Period
03Z 13122017-03Z 14122017

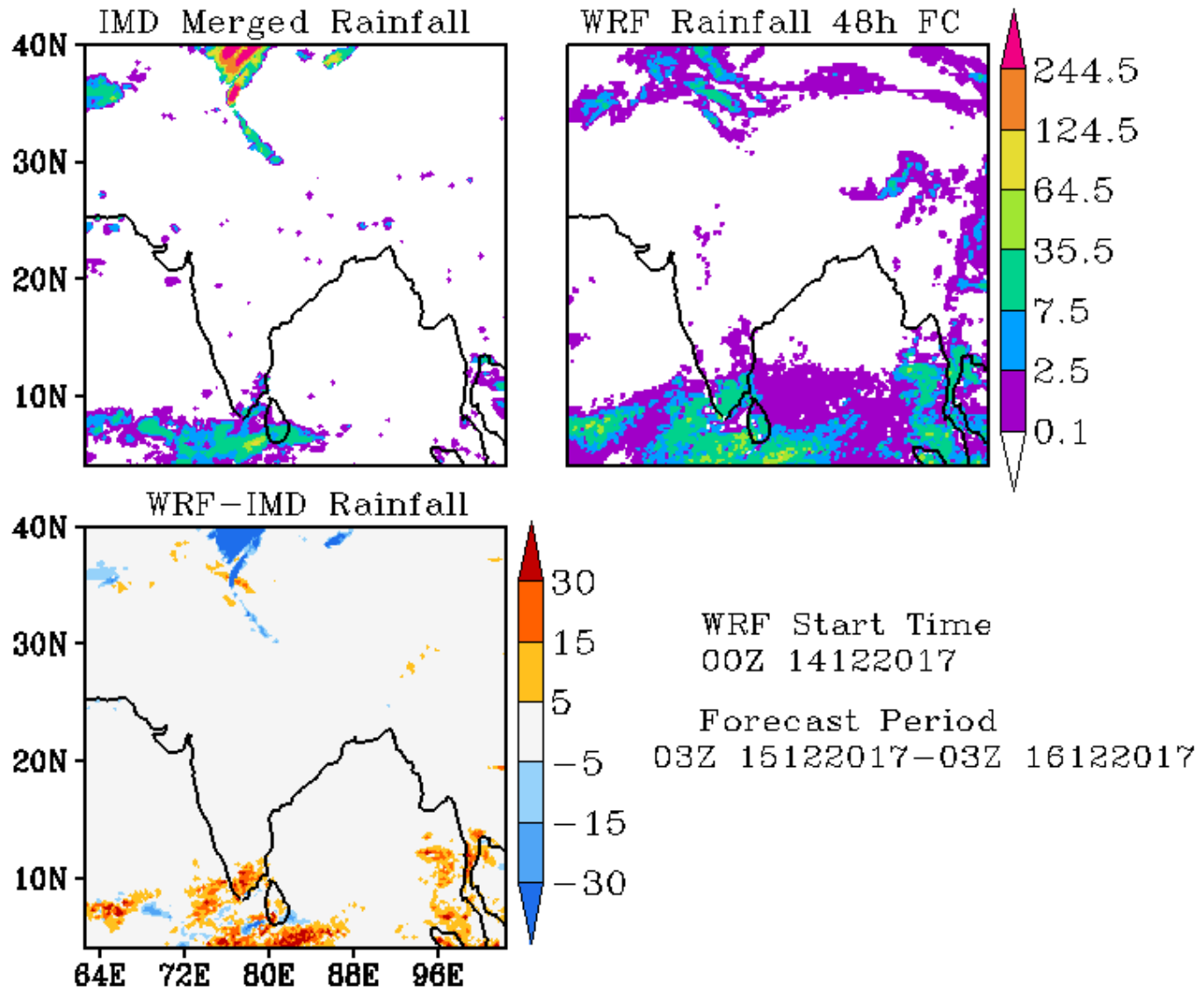




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

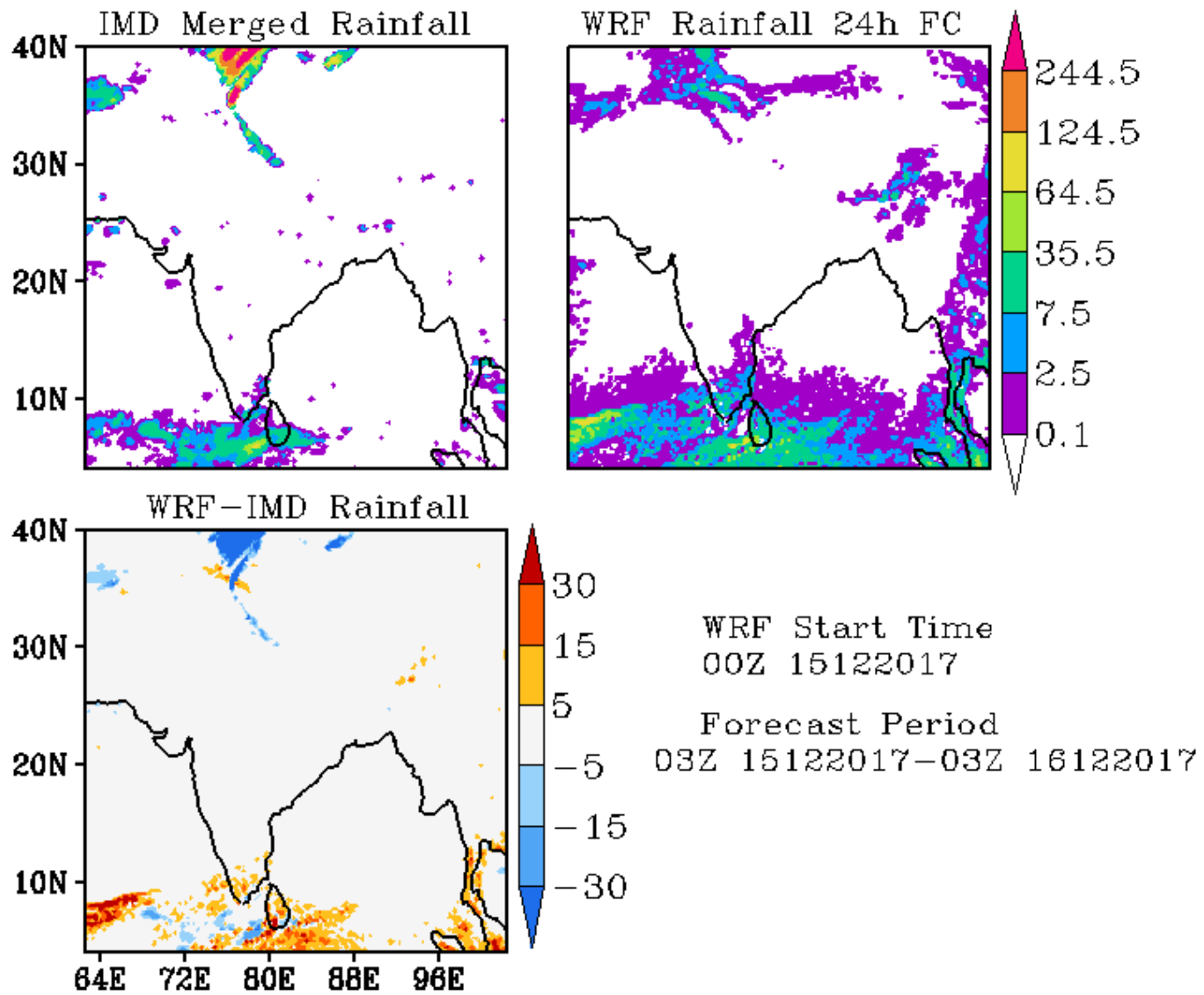
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.63(-0.64)	16.74(6.91)	2.11(0.96)
48 Hour	2.13(-0.42)	19.10(5.81)	2.41(1.03)
72 Hour	2.39(0.11)	18.97(9.29)	2.91(1.03)

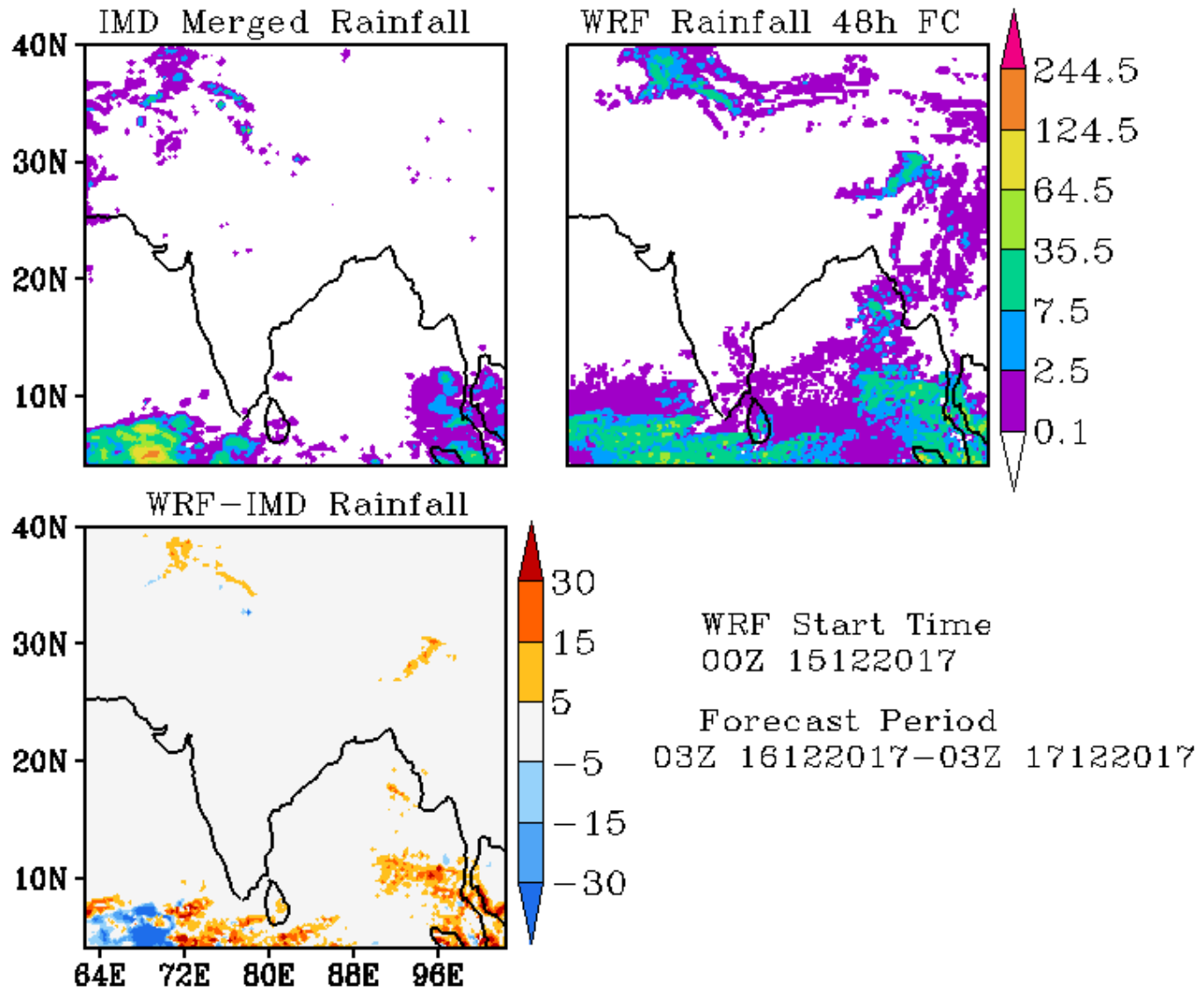


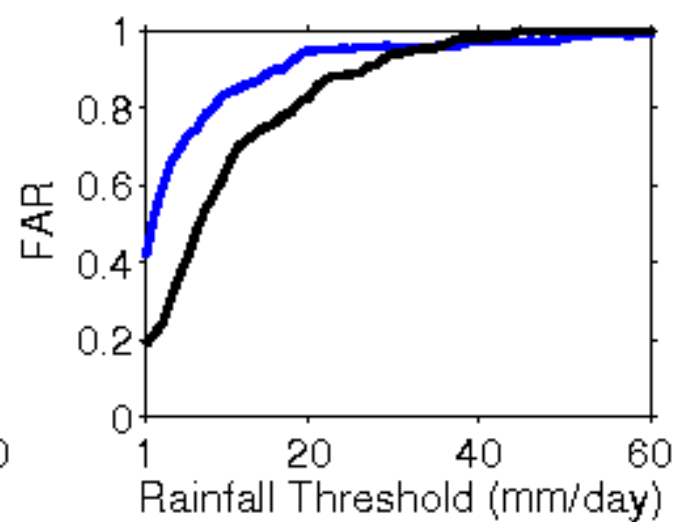
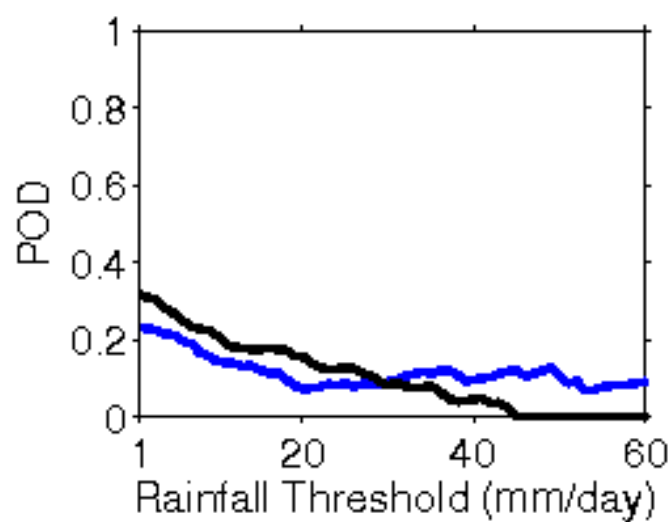
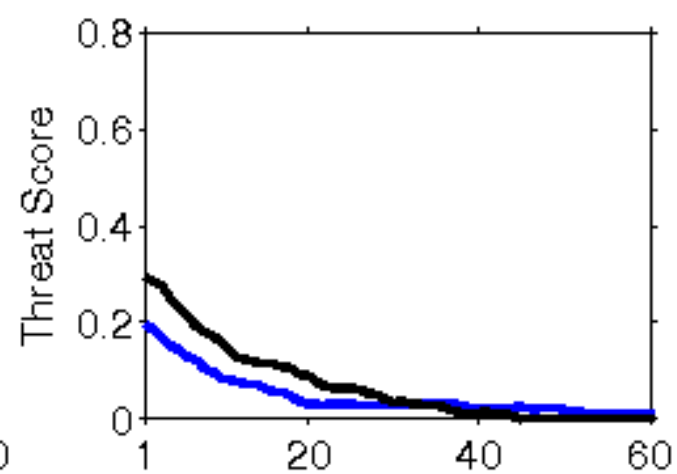
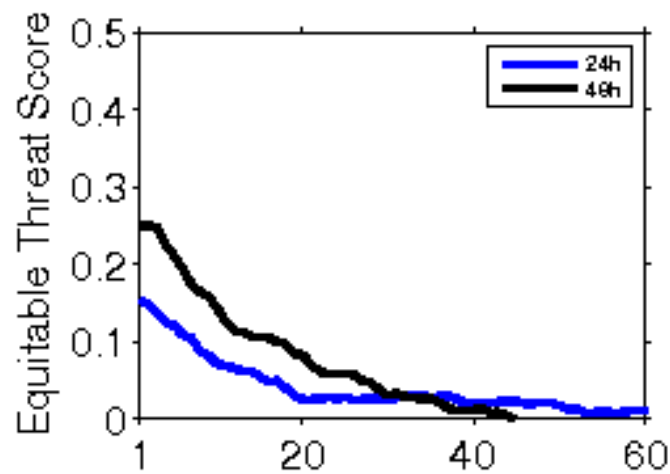


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.68(-0.68)	16.71(6.06)	1.99(1.00)
48 Hour	1.76(-0.45)	17.16(4.99)	2.47(0.91)
72 Hour	2.33(-0.26)	19.73(3.46)	3.38(0.95)

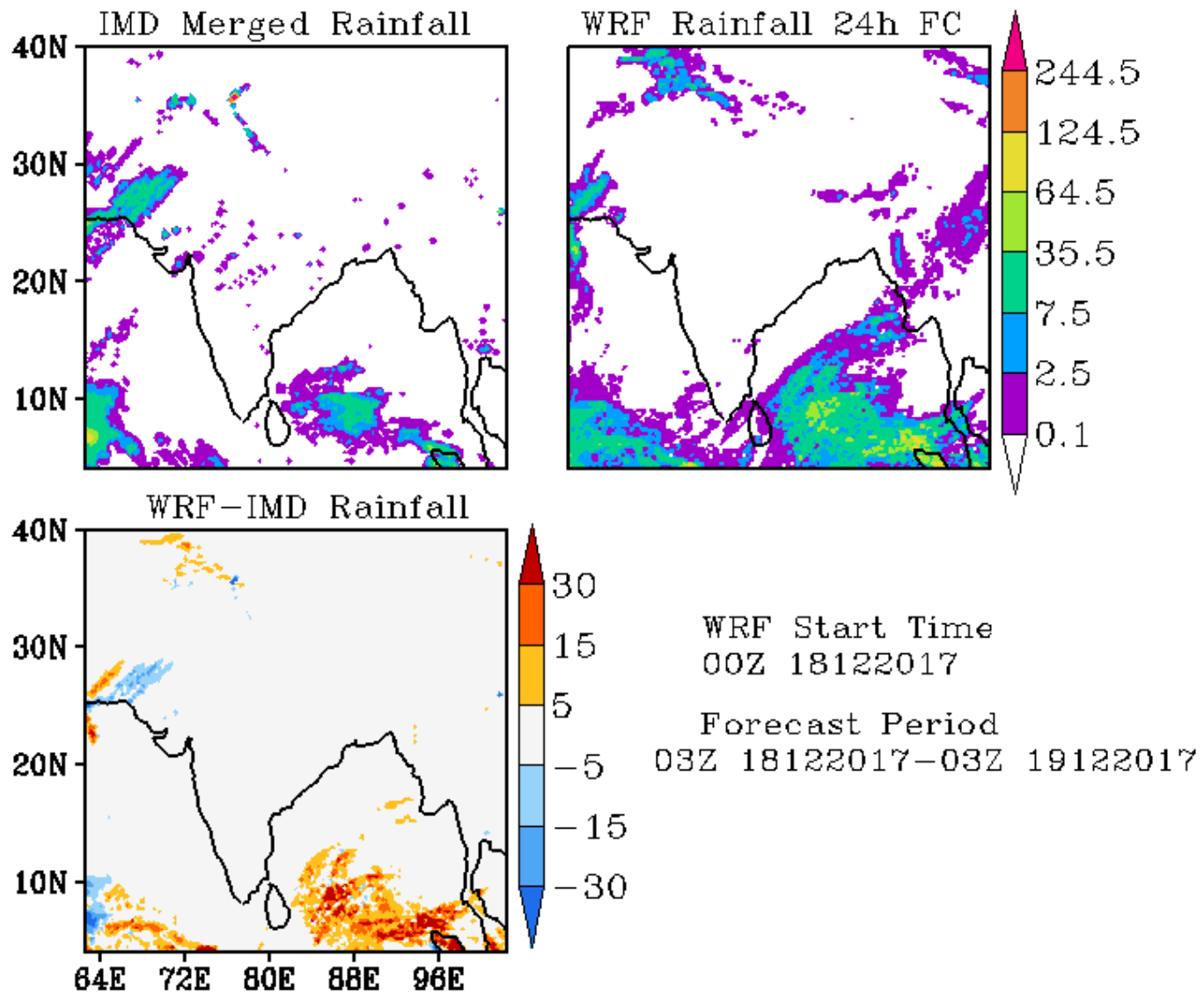


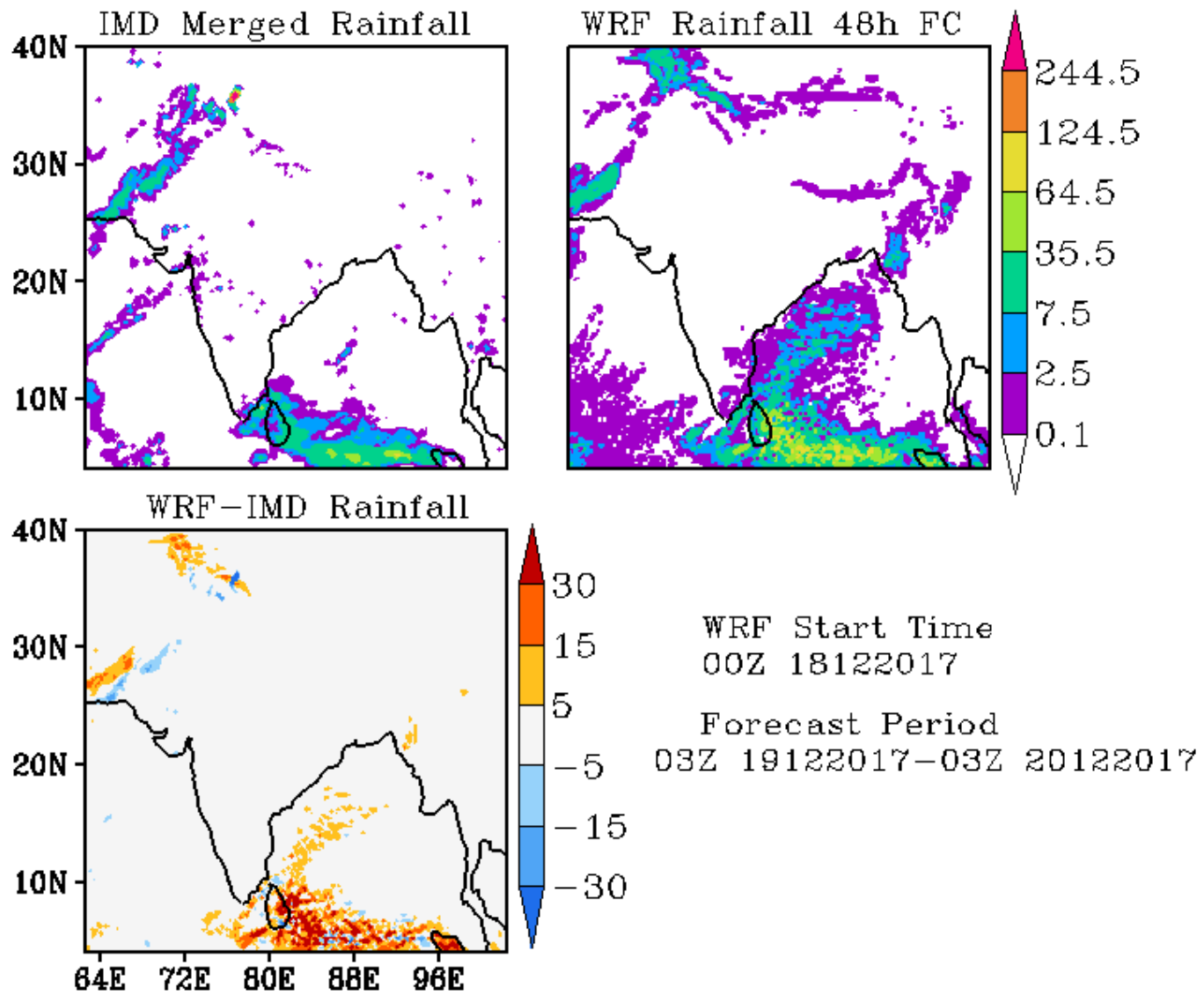


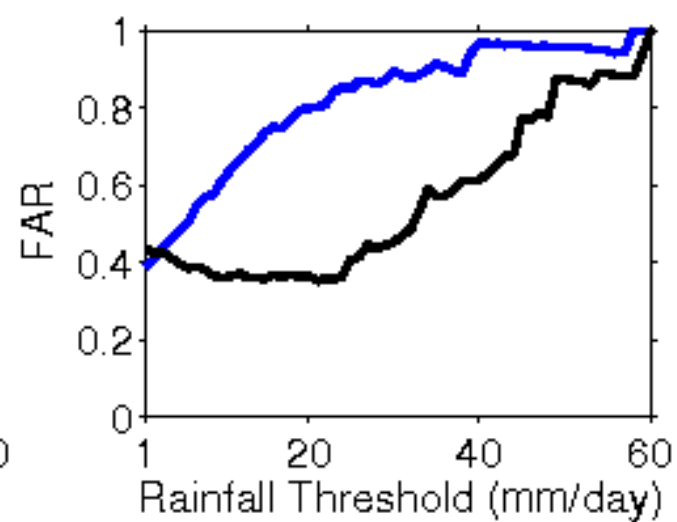
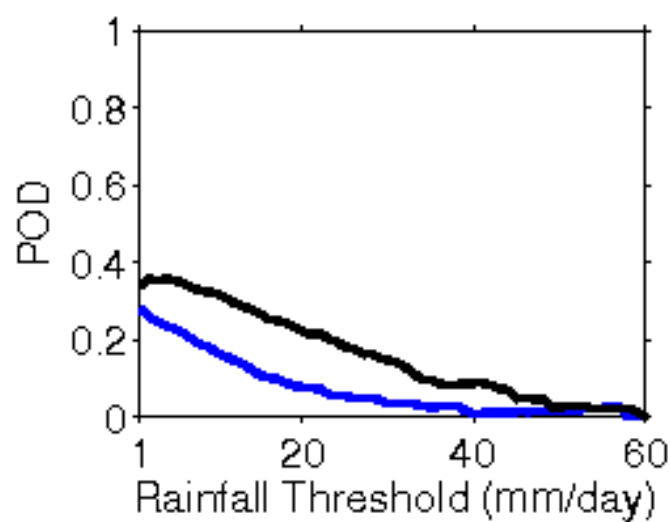
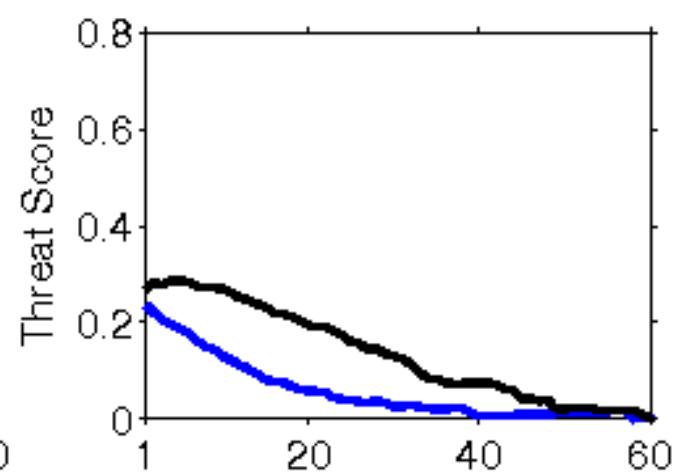
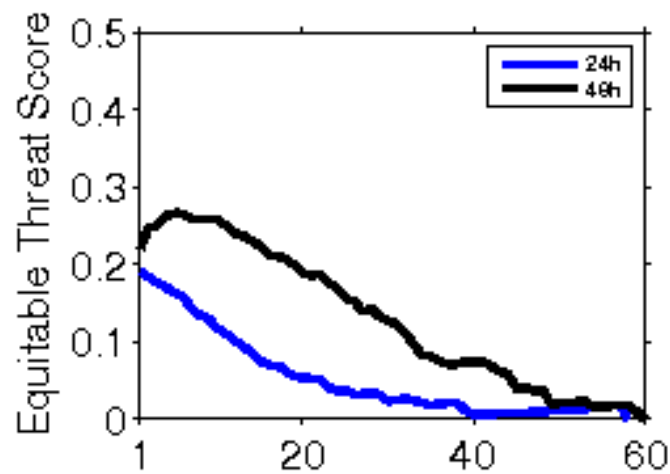


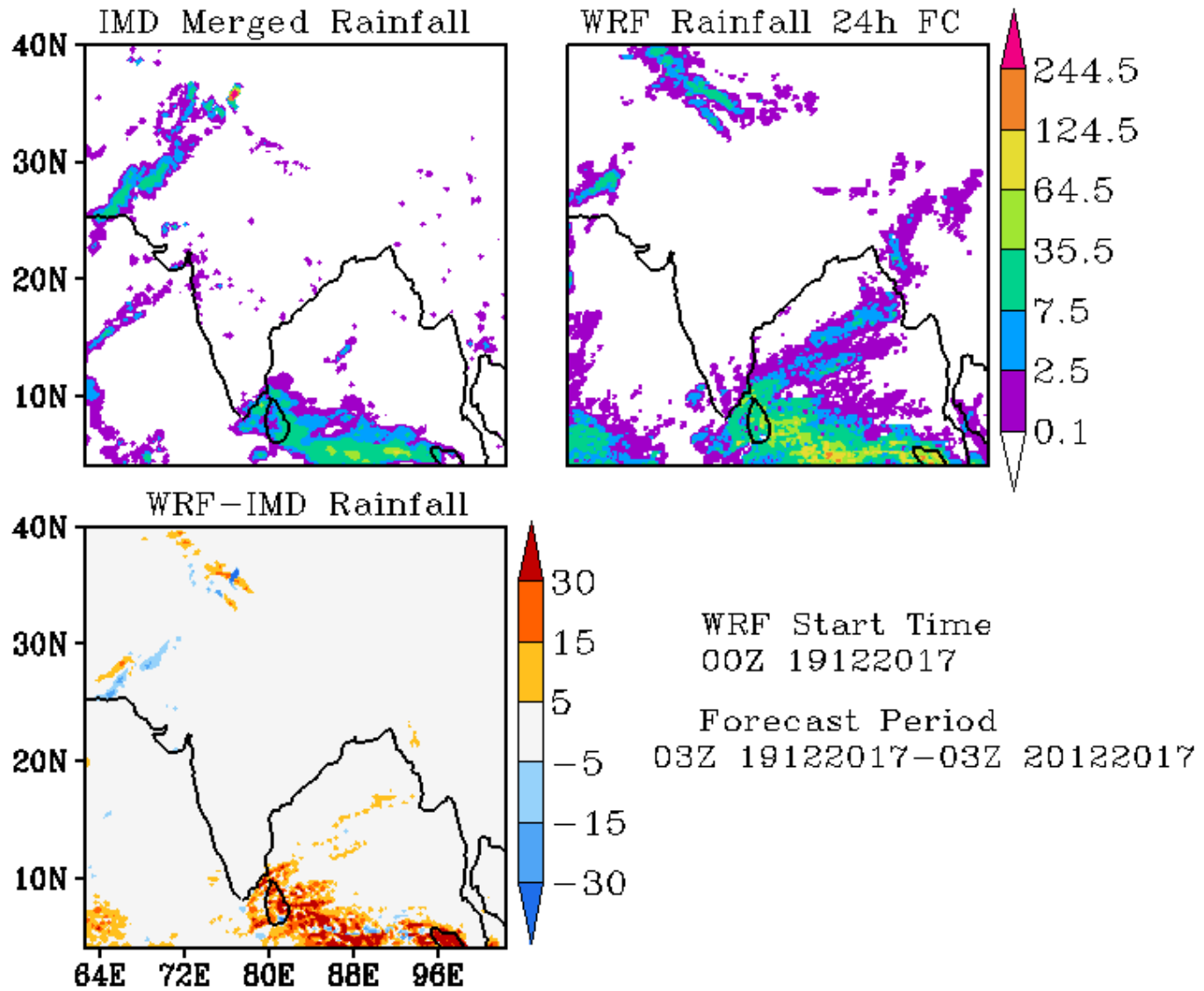
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

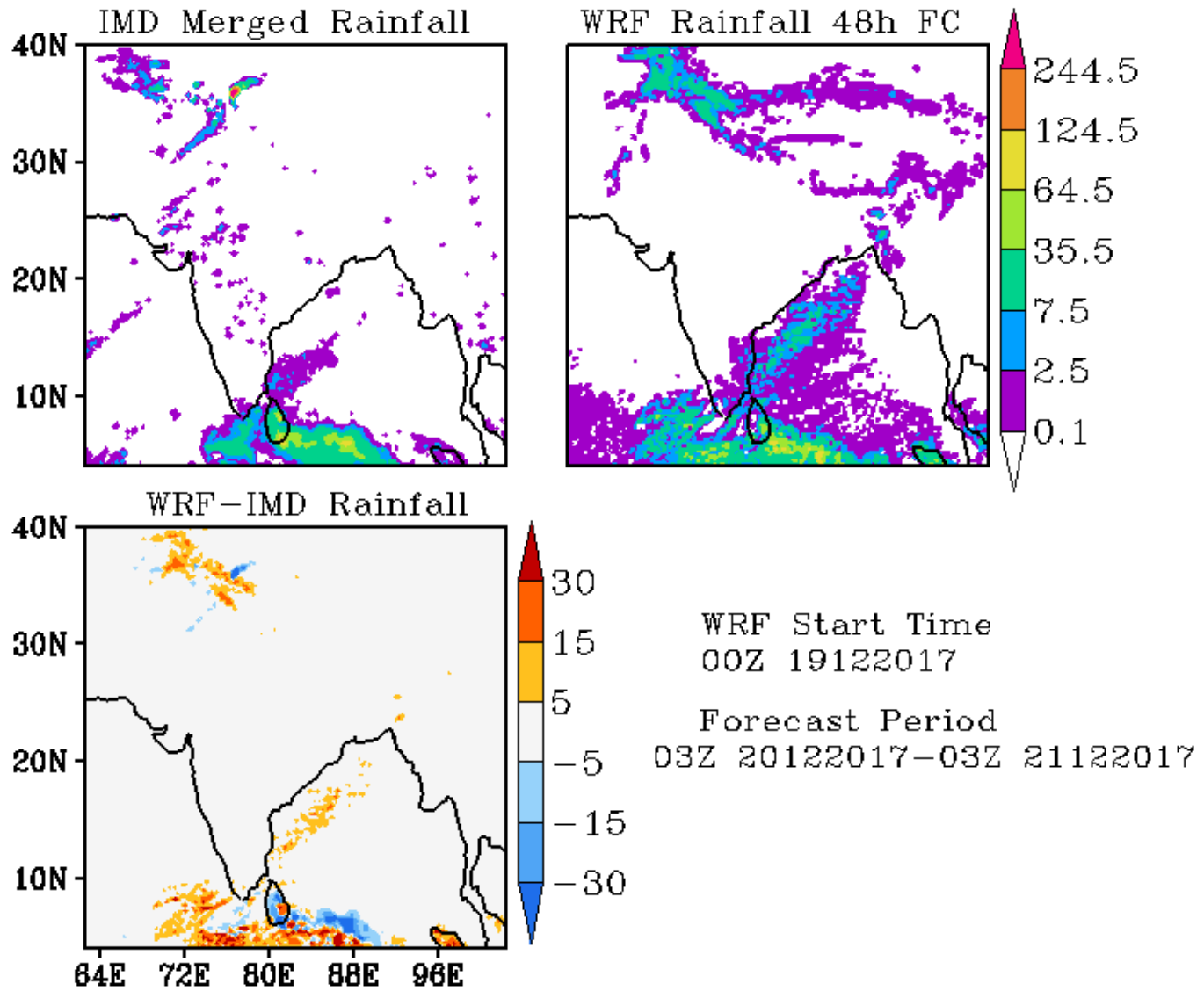
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.52(-0.45)	16.44(6.61)	2.14(1.02)
48 Hour	2.04(-0.10)	17.44(5.71)	3.15(1.24)
72 Hour	2.83(0.27)	19.63(5.61)	3.33(1.16)

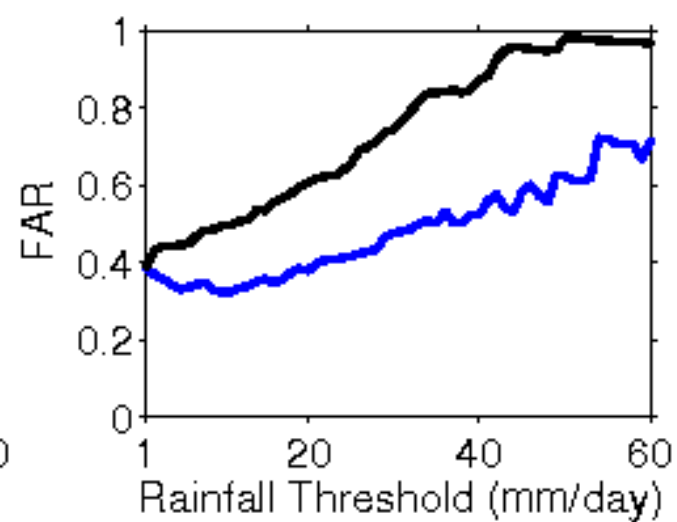
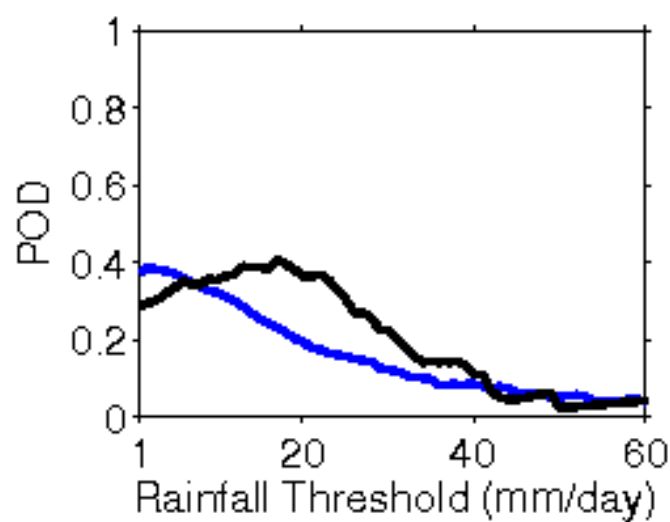
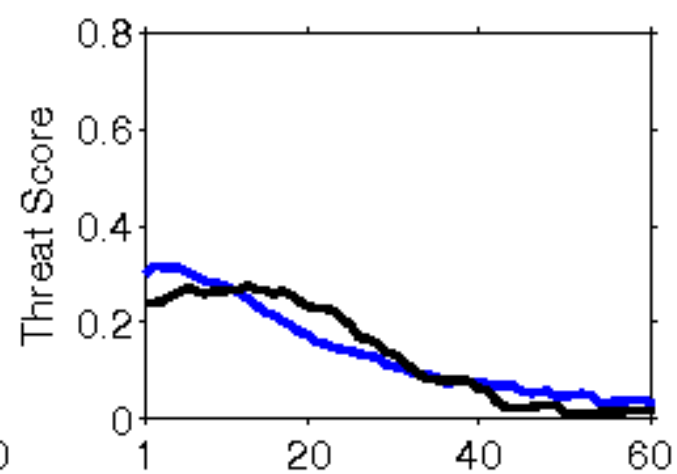
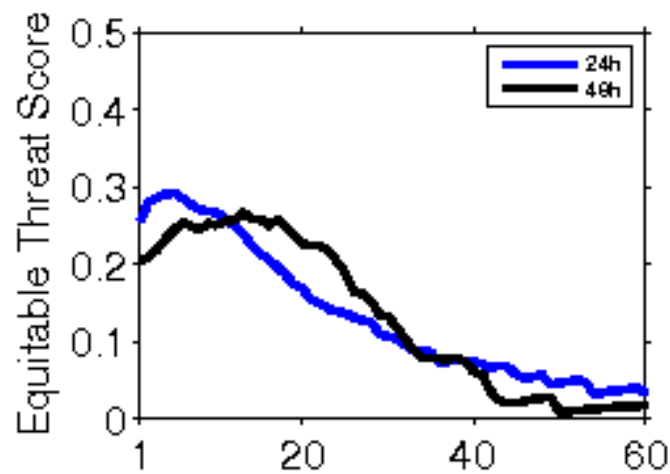


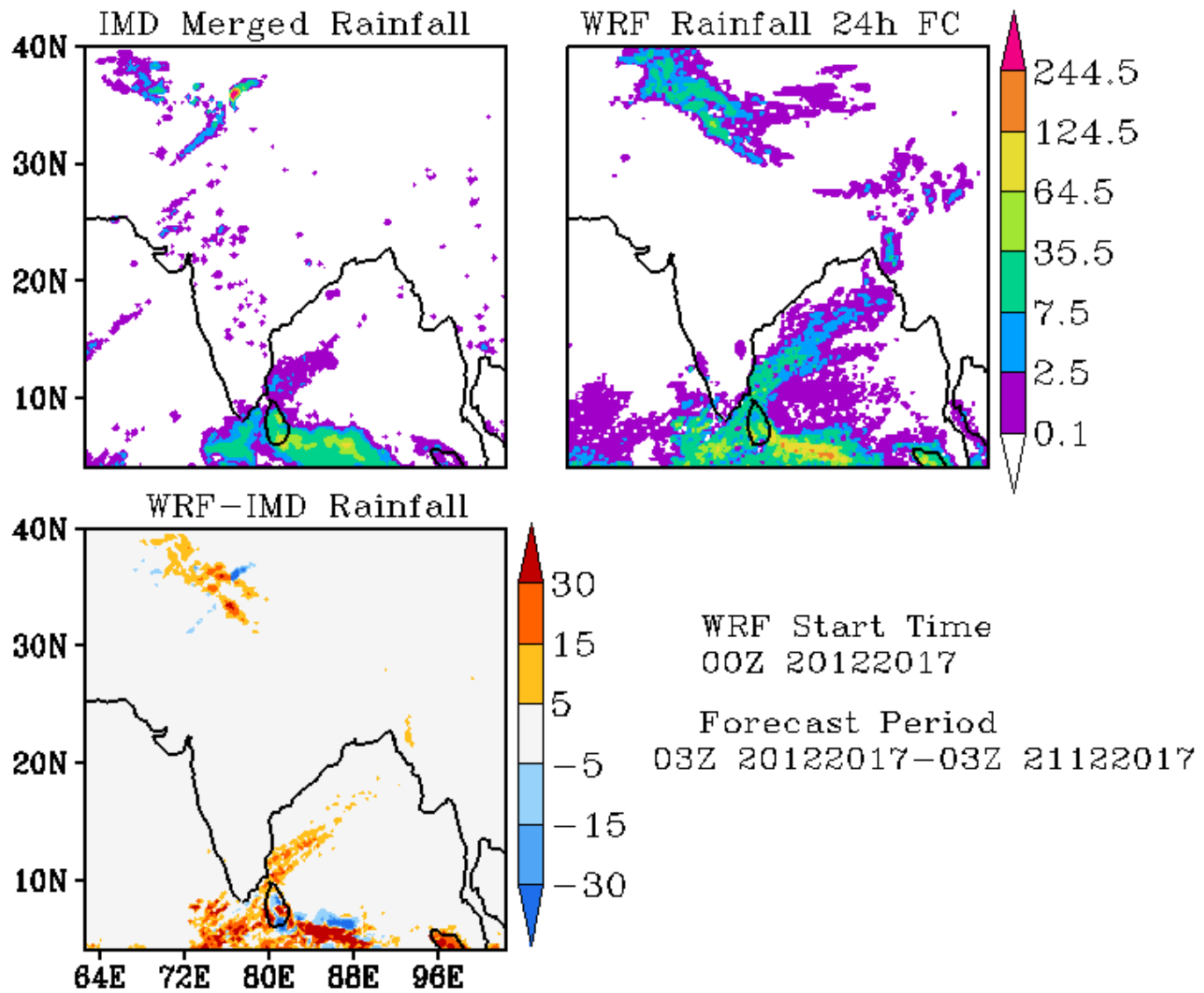


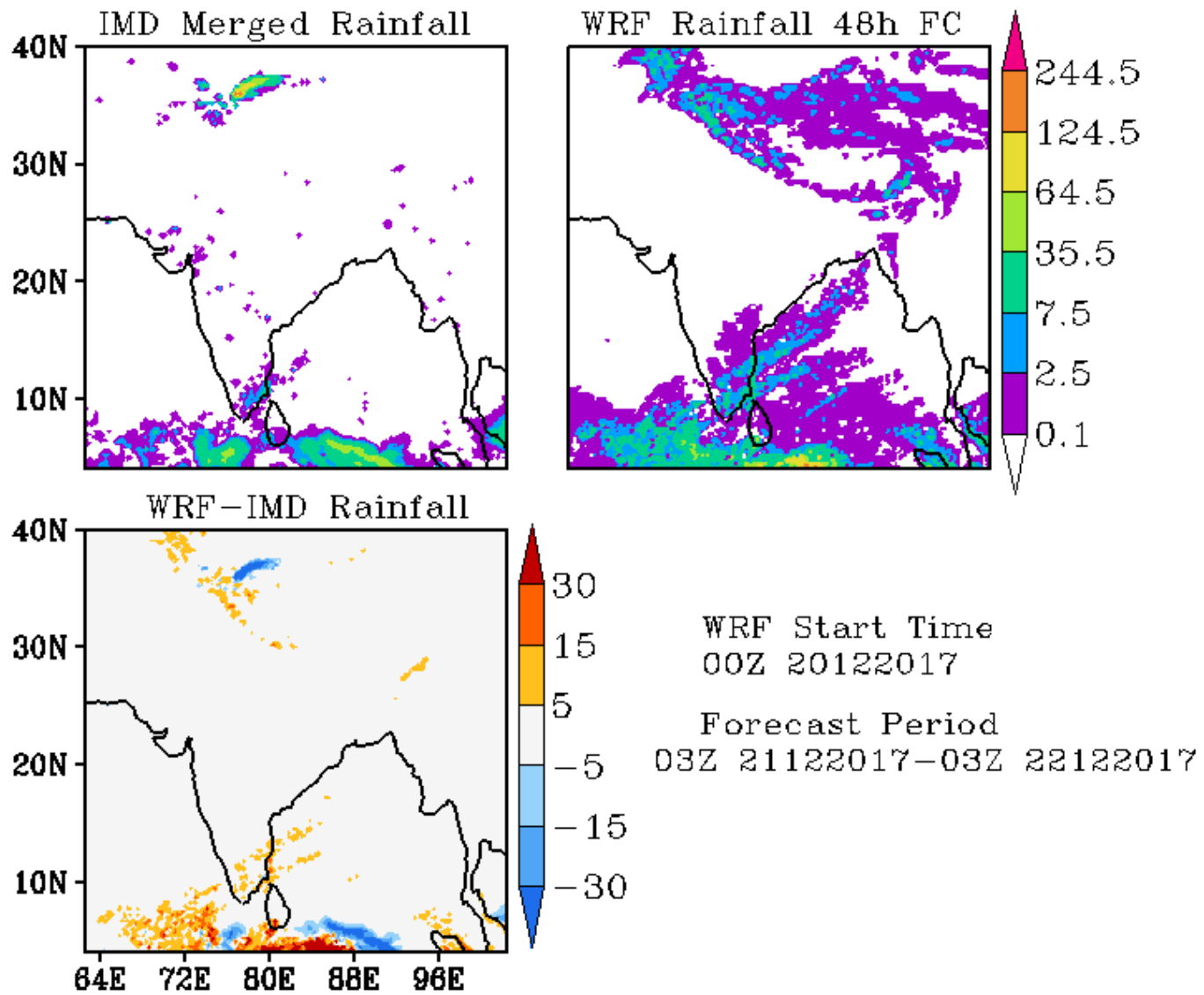


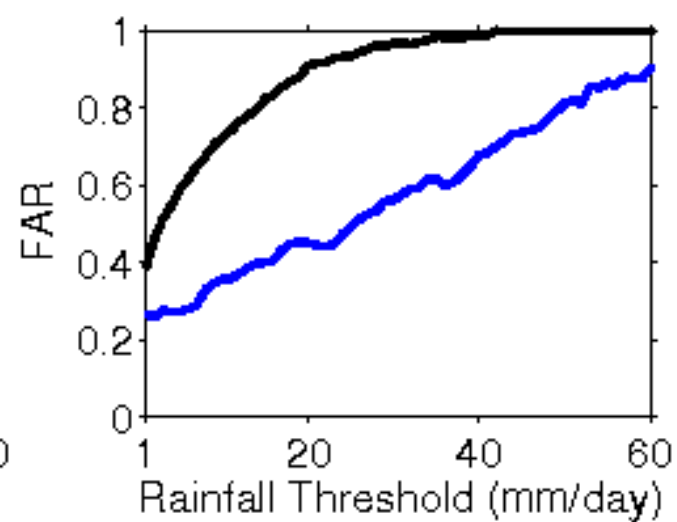
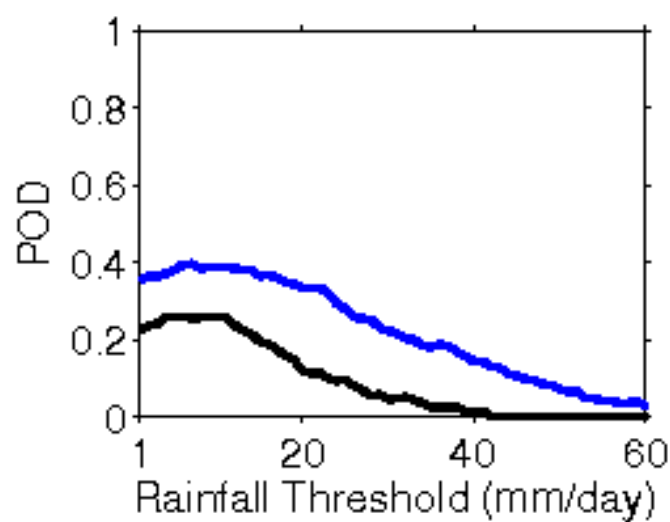
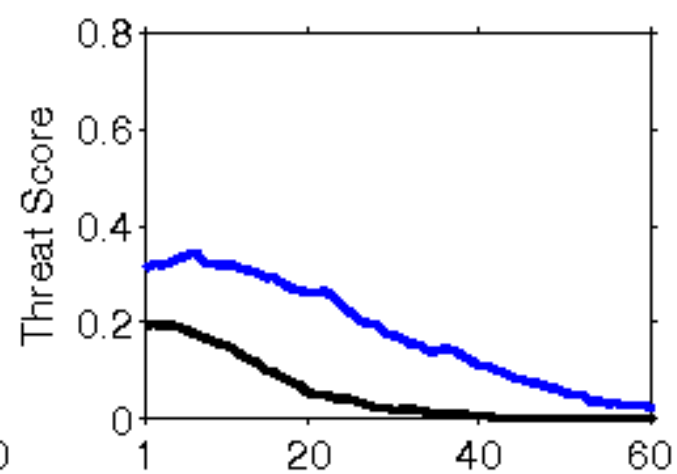
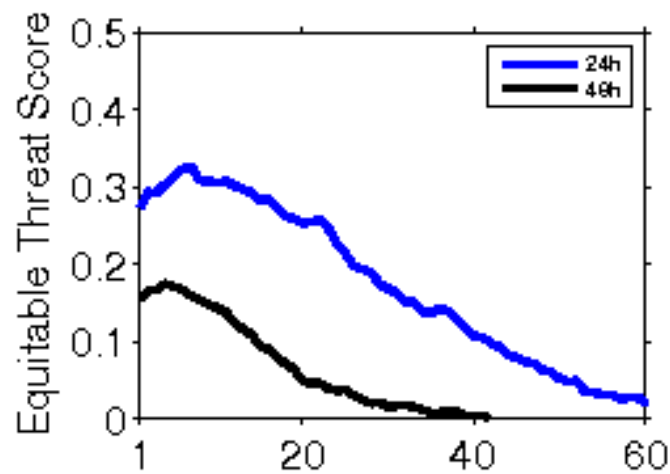






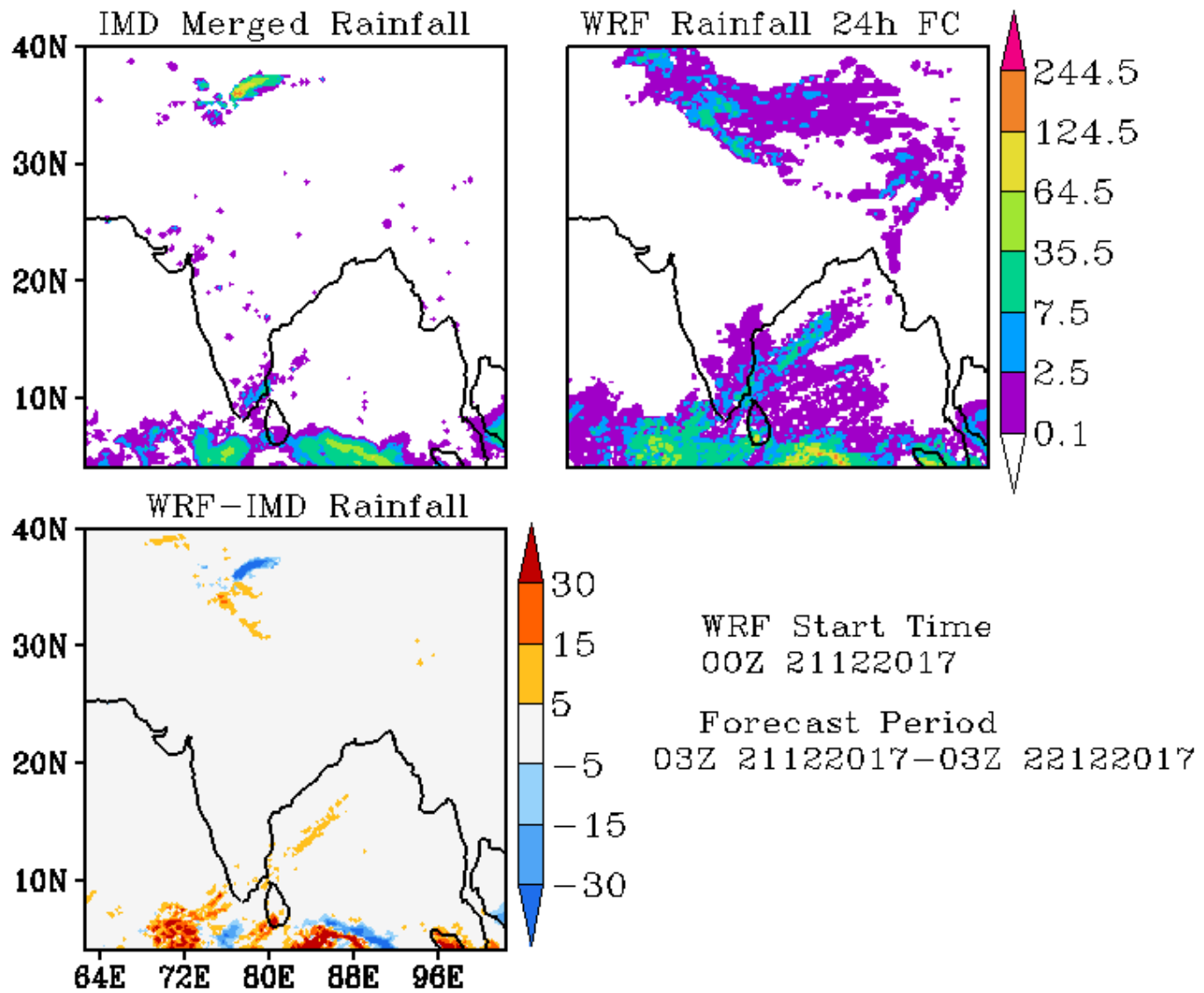


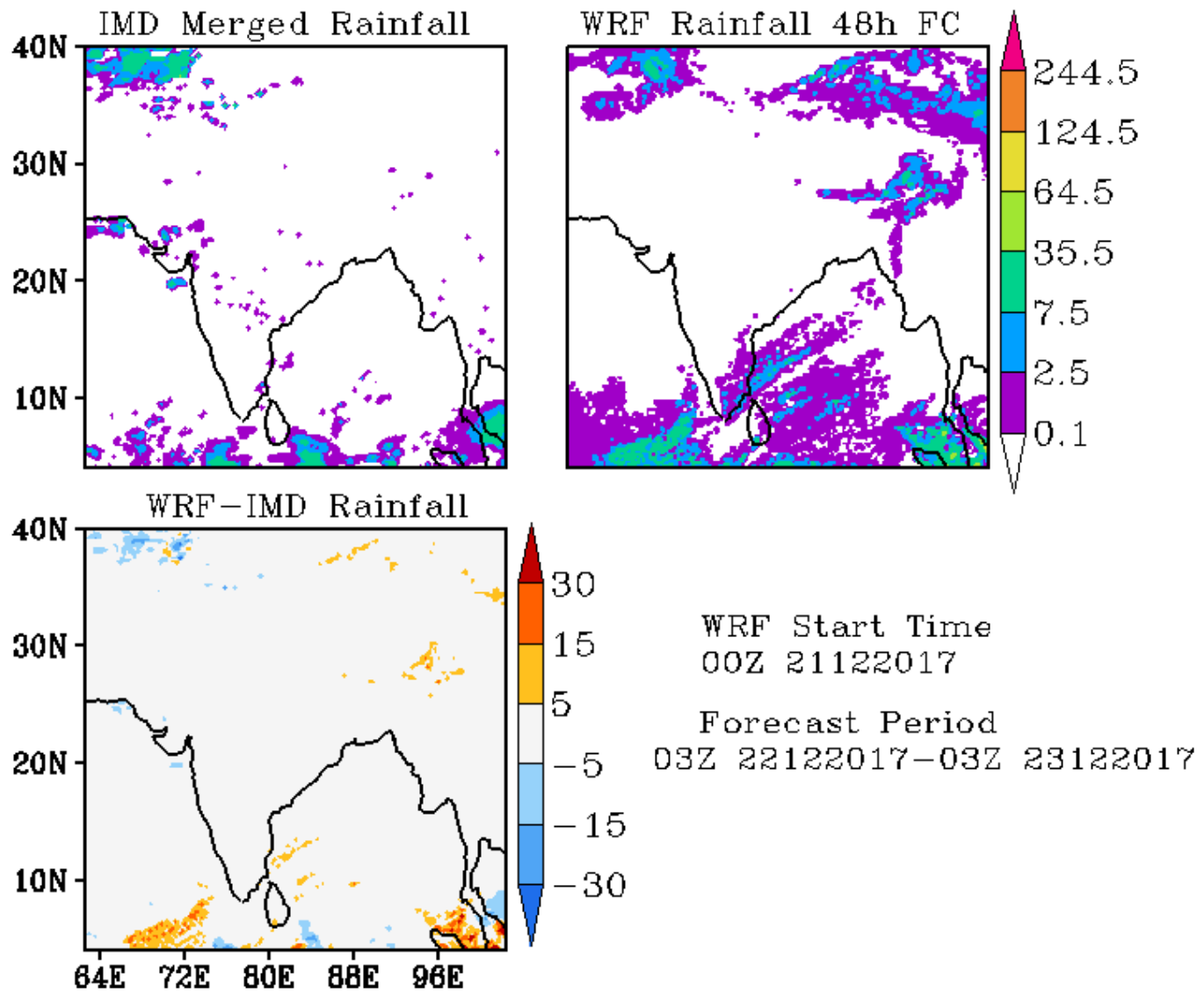


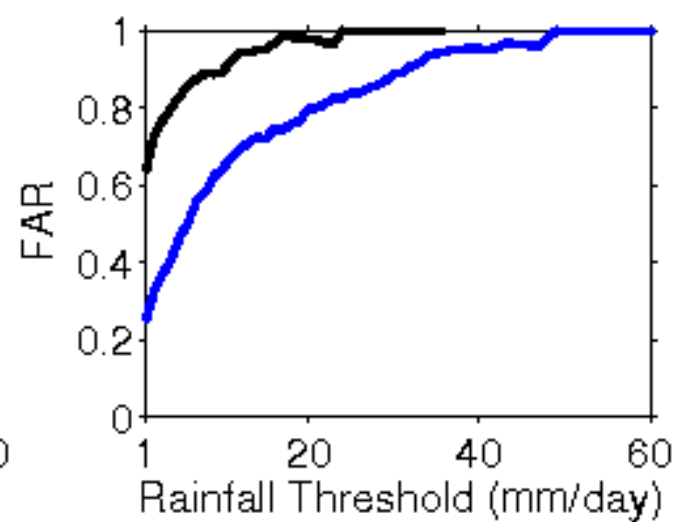
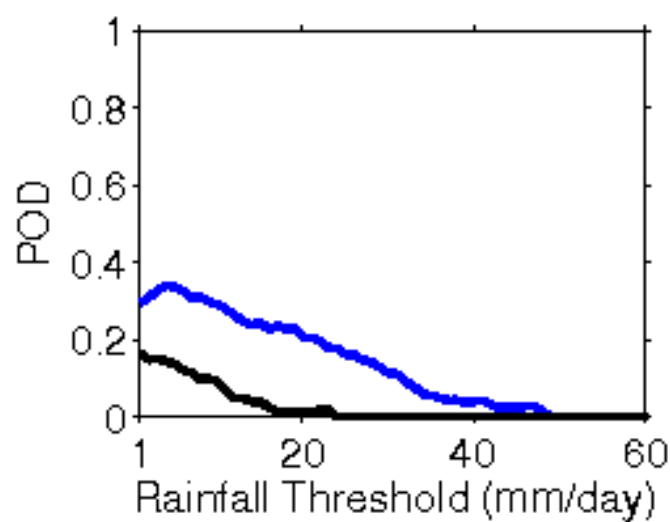
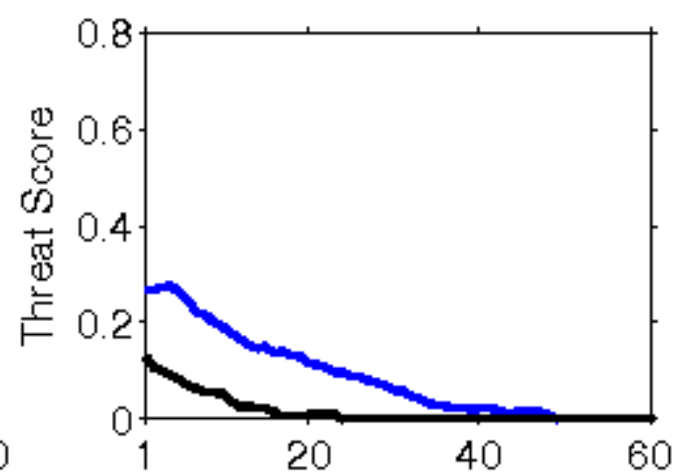
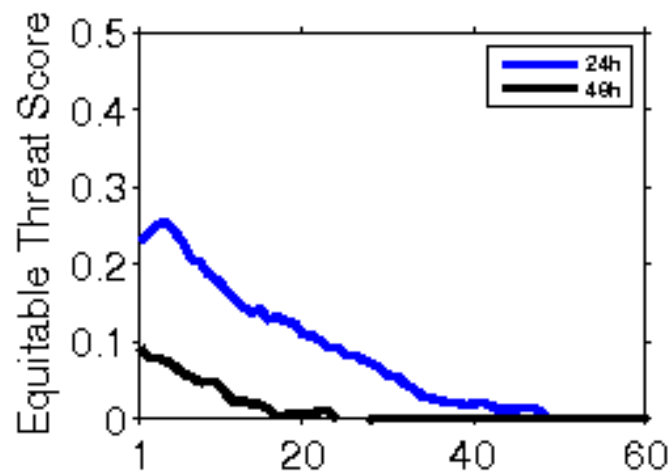


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.68(-0.55)	18.32(8.30)	2.35(1.43)
48 Hour	2.85(-0.58)	22.86(9.17)	2.18(1.73)
72 Hour	3.41(-0.20)	22.21(9.63)	2.13(1.98)

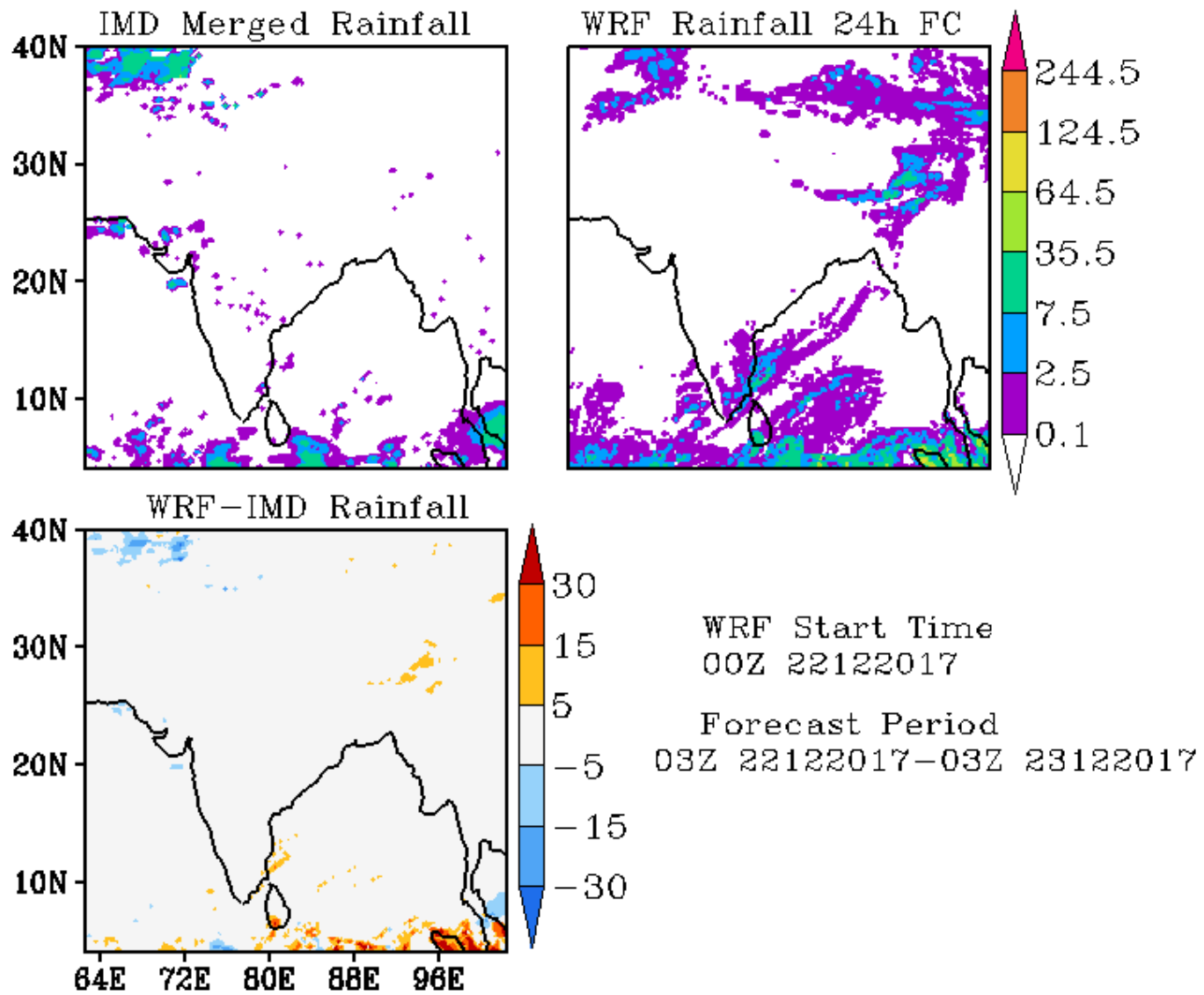


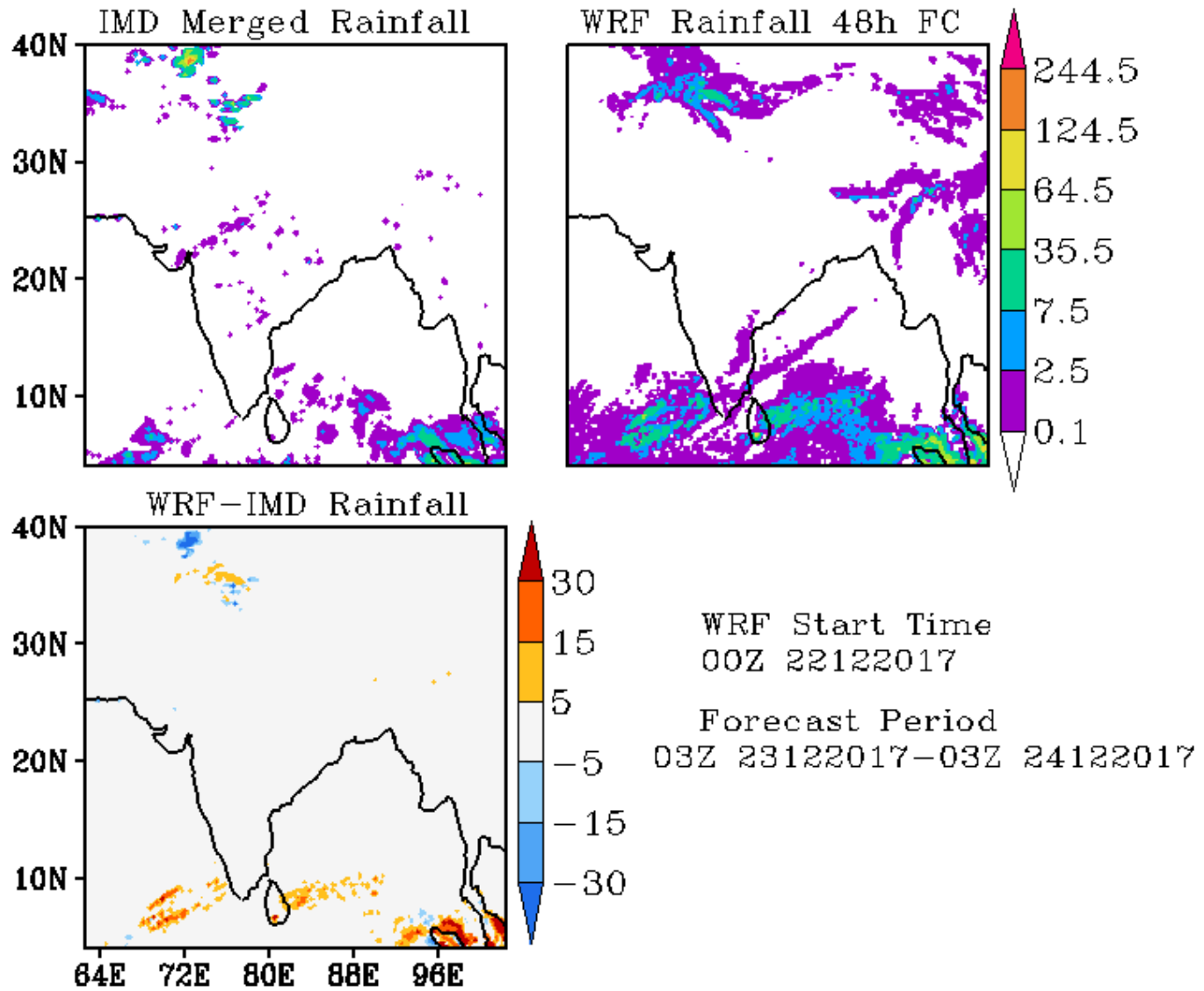


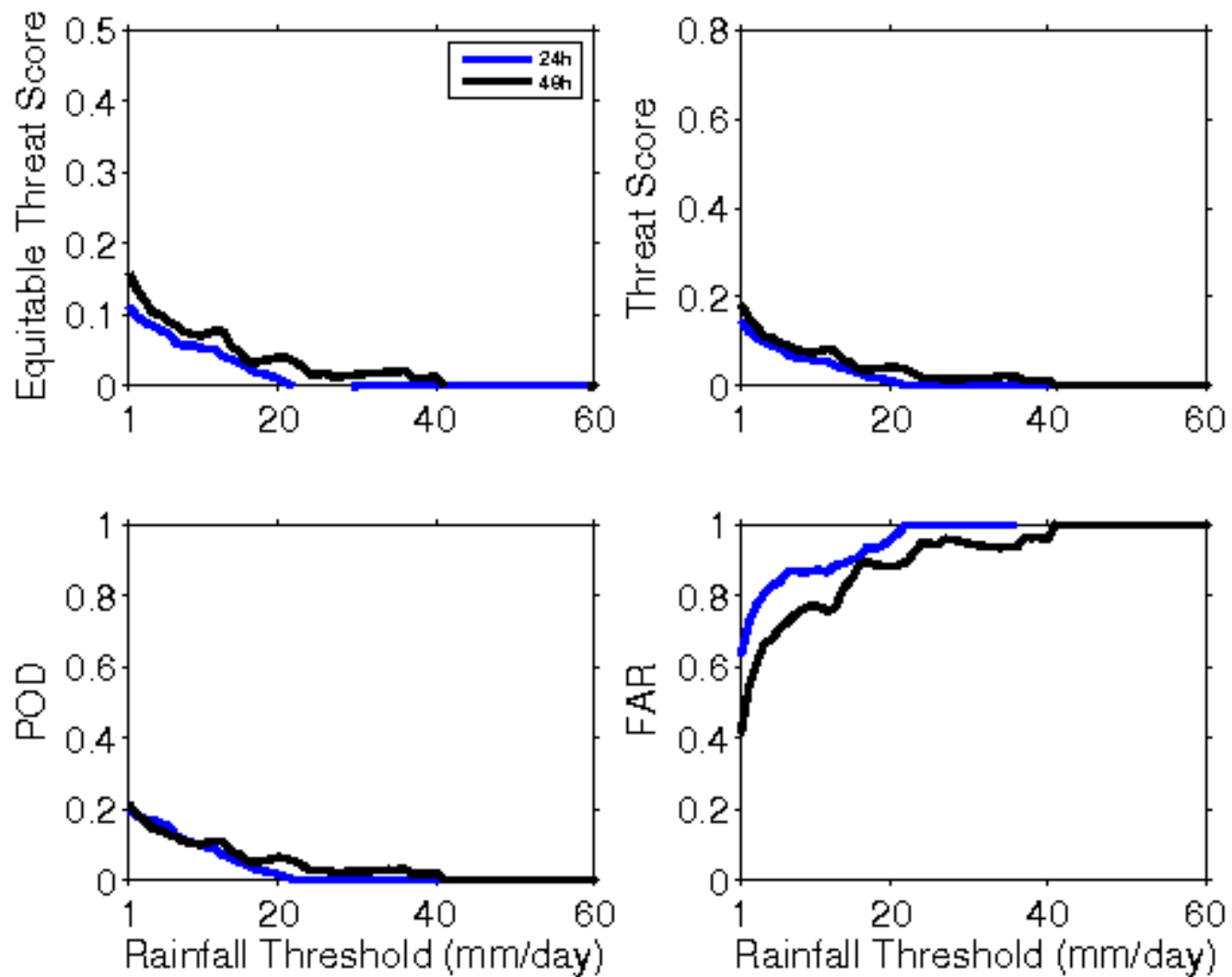


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.85(-0.84)	16.11(6.57)	2.05(1.15)
48 Hour	2.79(-0.59)	18.07(7.24)	2.10(1.38)
72 Hour	2.64(-0.49)	18.04(8.34)	2.26(1.51)





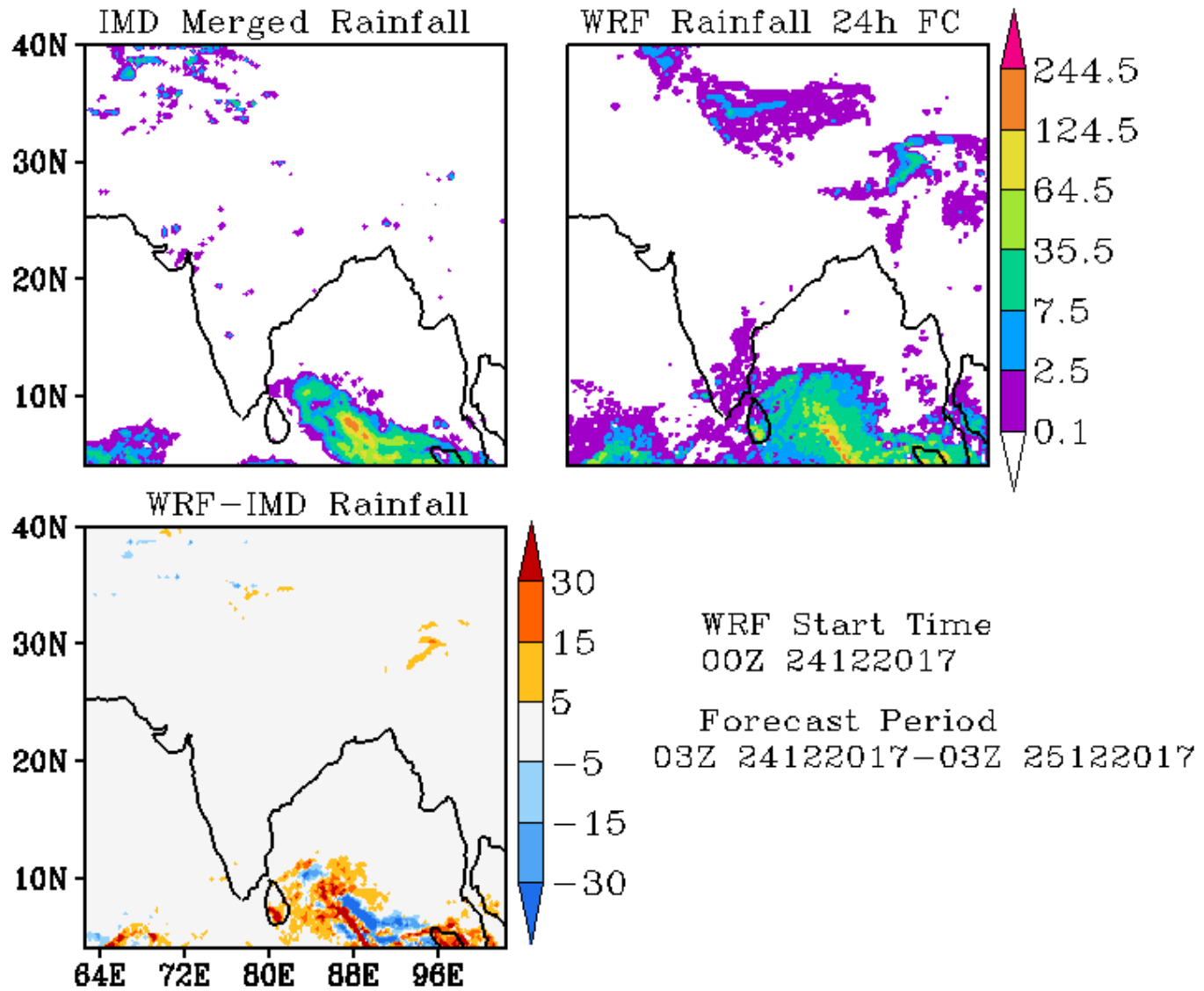


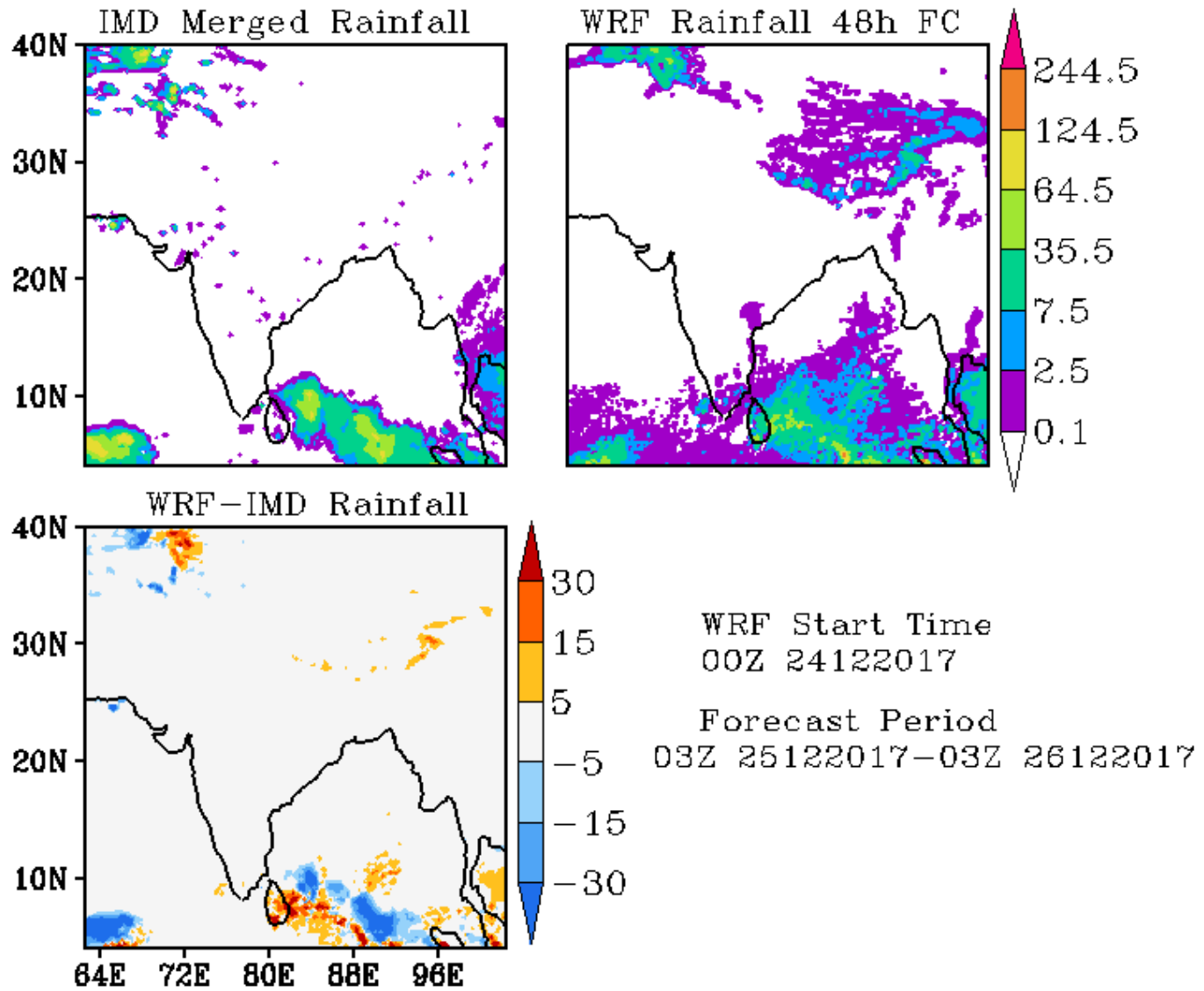
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

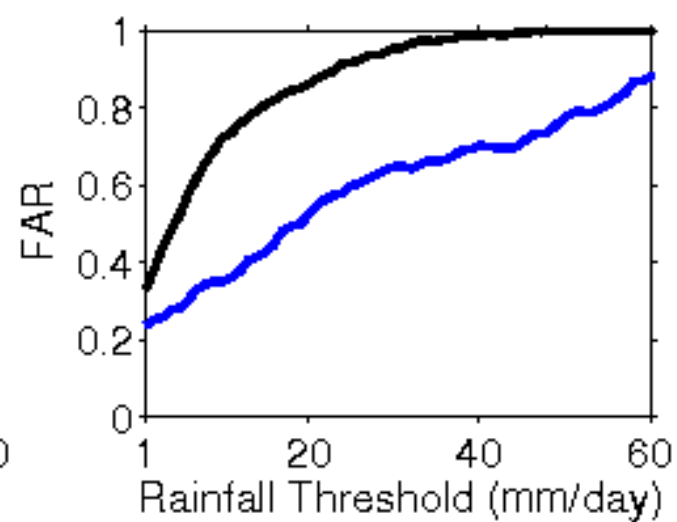
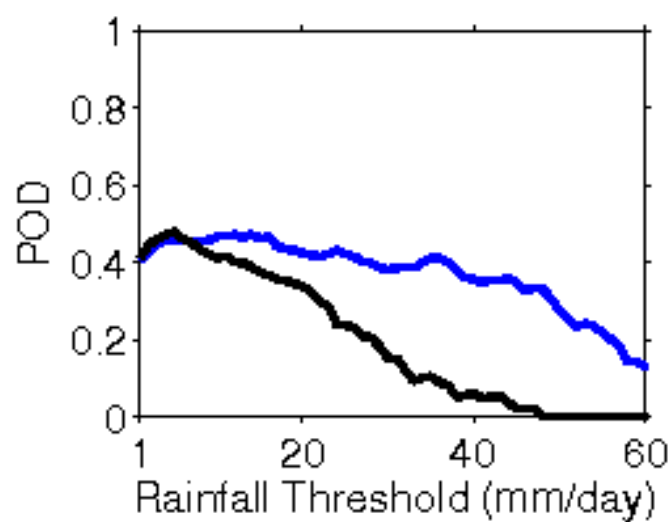
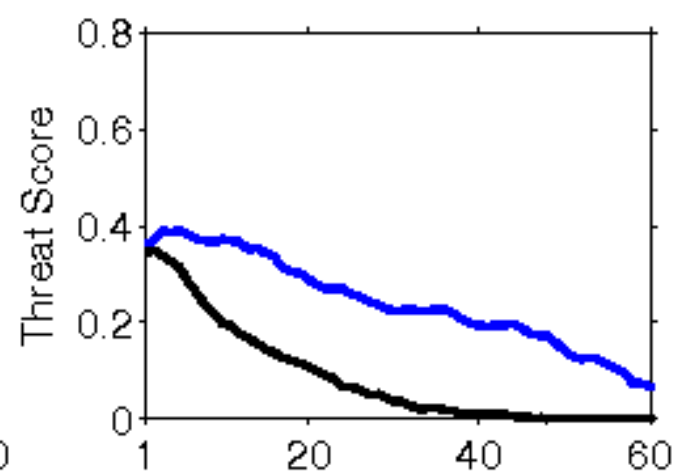
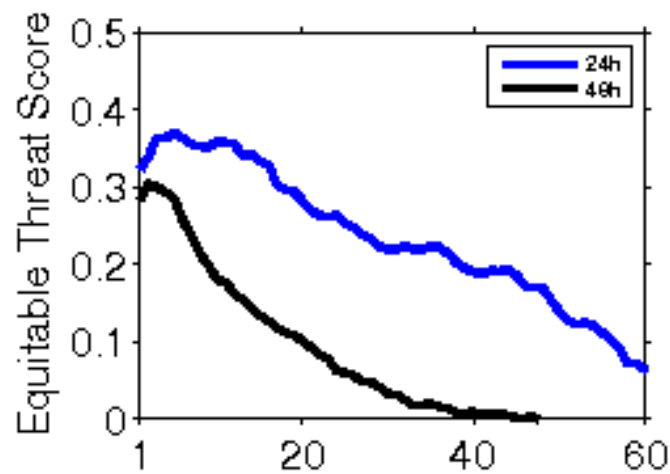
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.74(-0.74)	17.63(7.65)	1.85(0.90)
48 Hour	2.04(-0.73)	19.98(6.11)	2.25(1.06)
72 Hour	2.16(-0.57)	19.29(6.82)	2.71(1.29)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-12-17
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	1.78(-0.63)	19.13(8.92)	1.92(0.99)
48 Hour	2.34(-0.32)	22.86(7.09)	2.37(1.04)
72 Hour	2.45(-0.28)	20.69(6.31)	2.54(1.04)

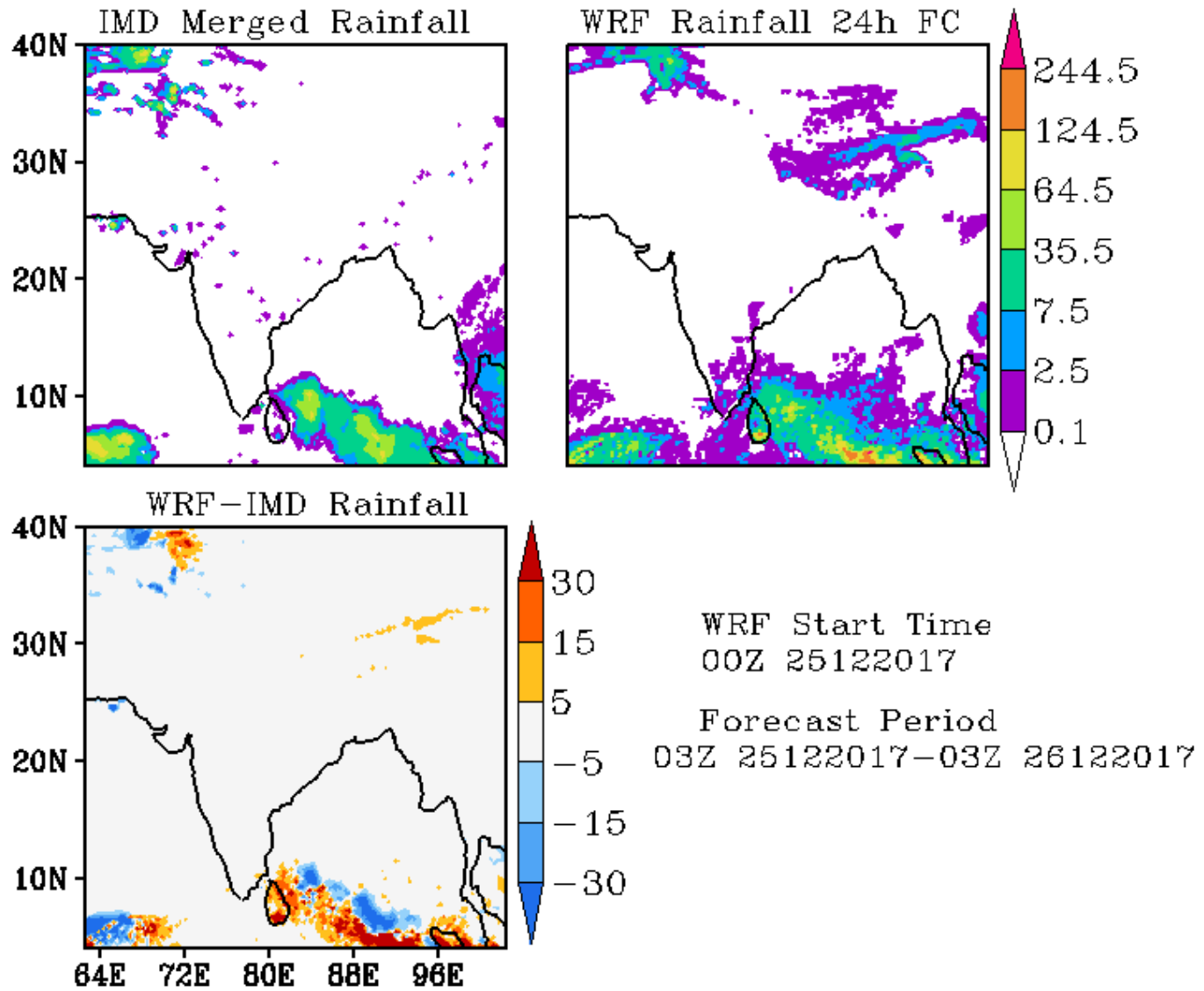


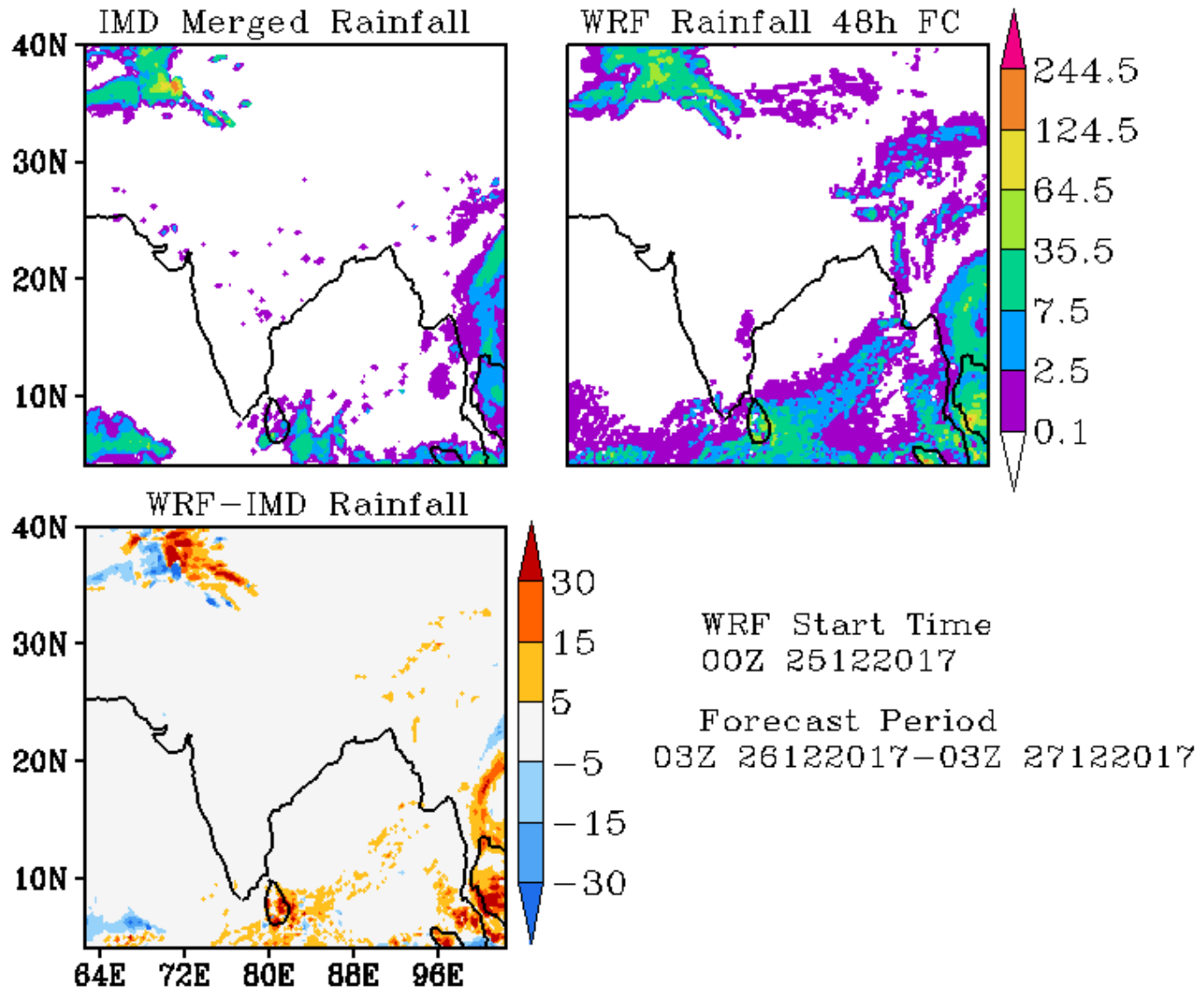


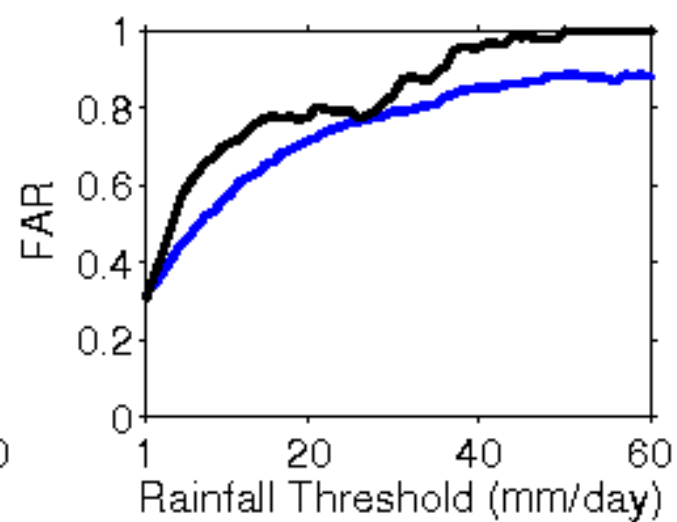
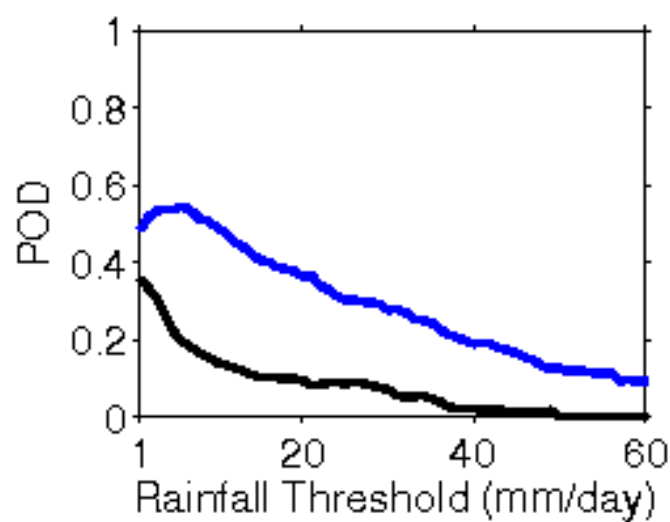
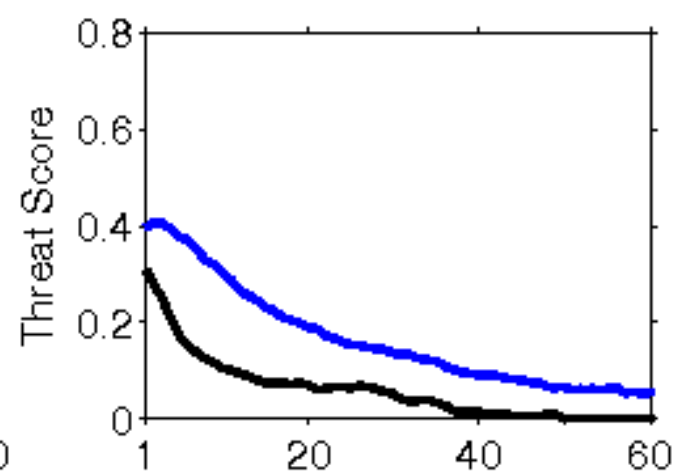
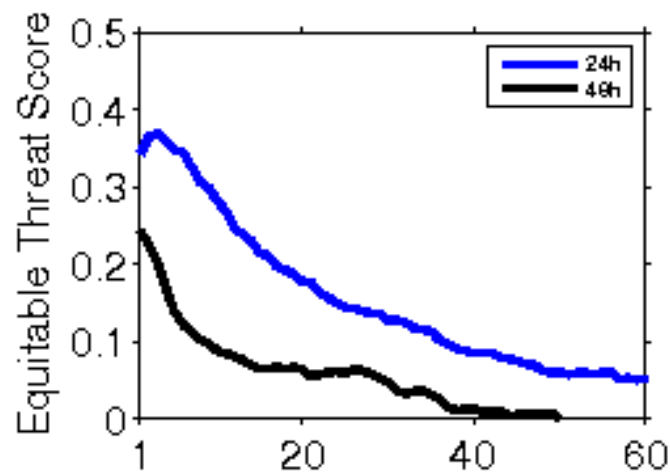


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.82(-0.59)	19.01(9.02)	1.96(1.10)
48 Hour	2.41(-0.28)	18.52(7.45)	2.65(1.37)
72 Hour	3.28(-0.09)	19.65(6.58)	3.34(1.68)

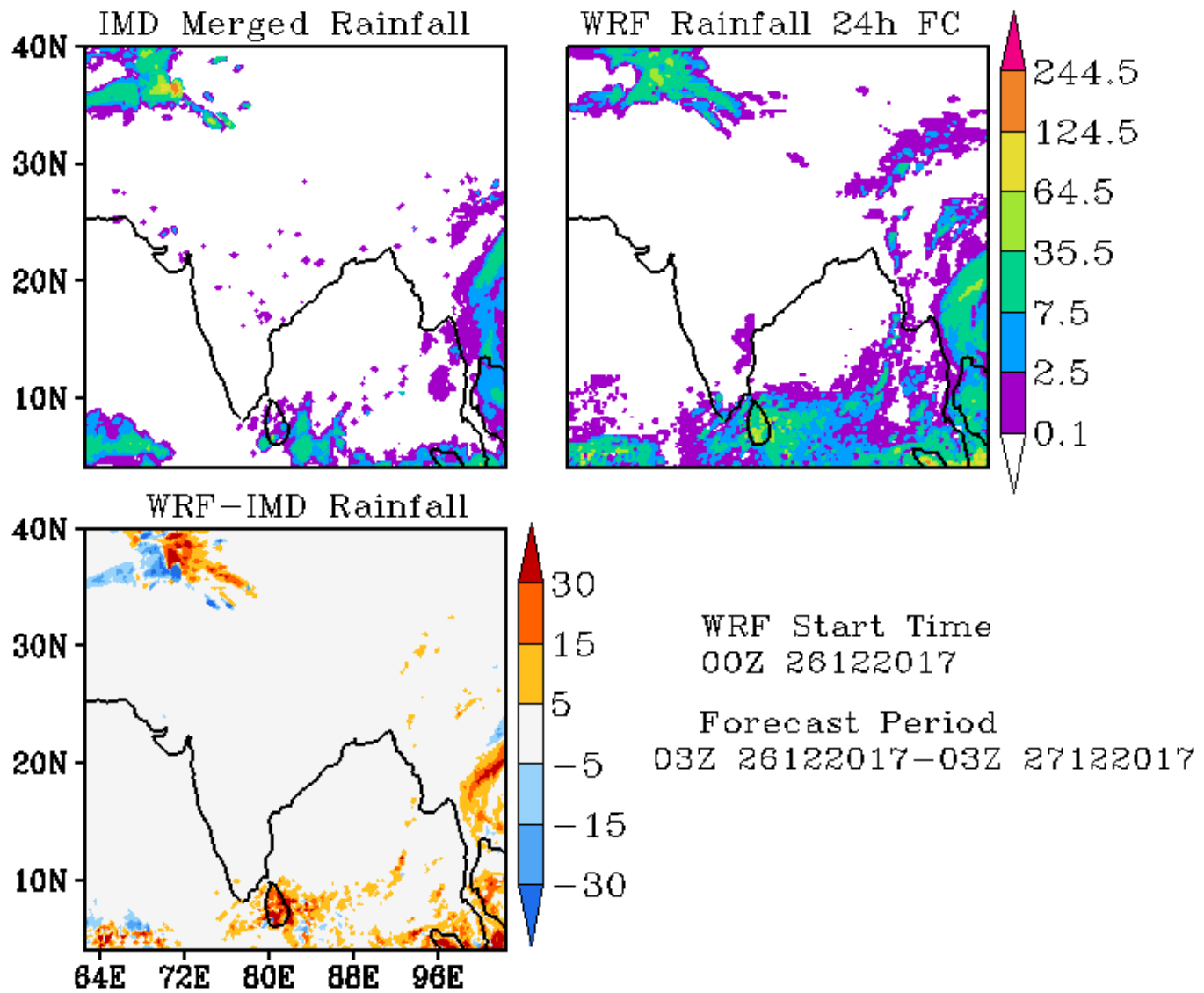


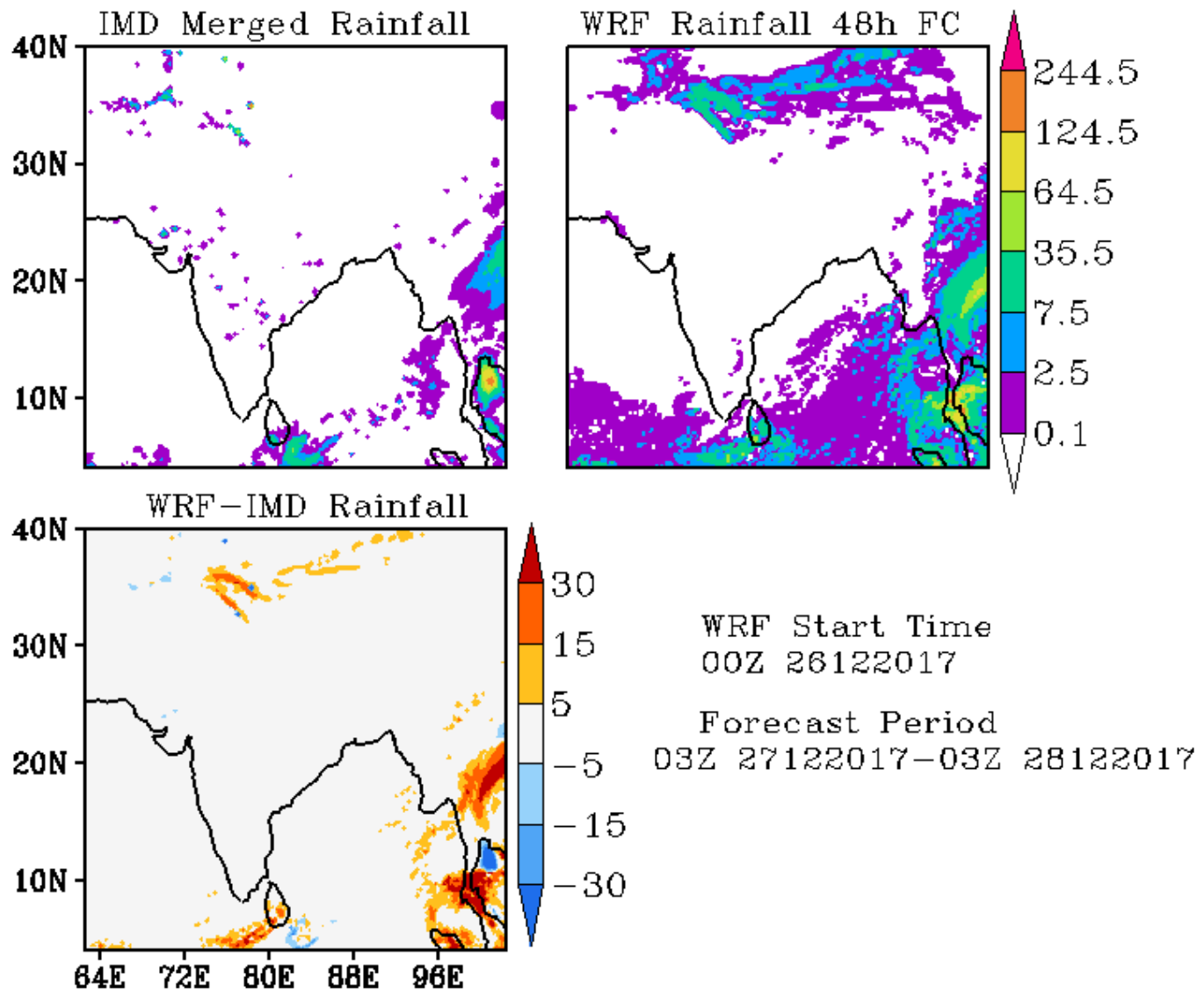


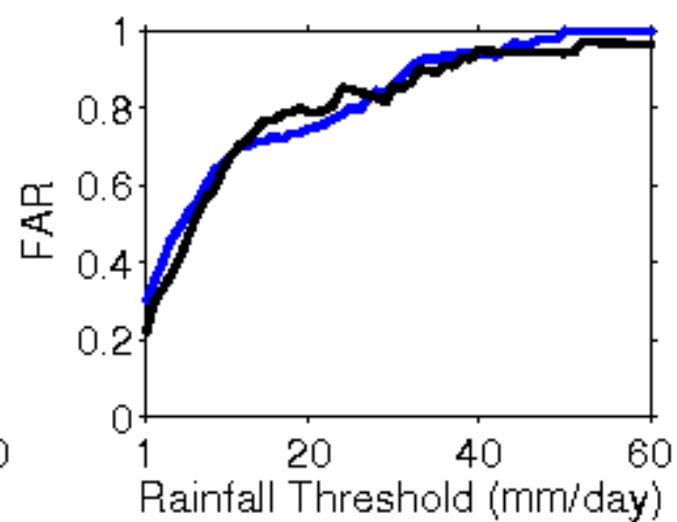
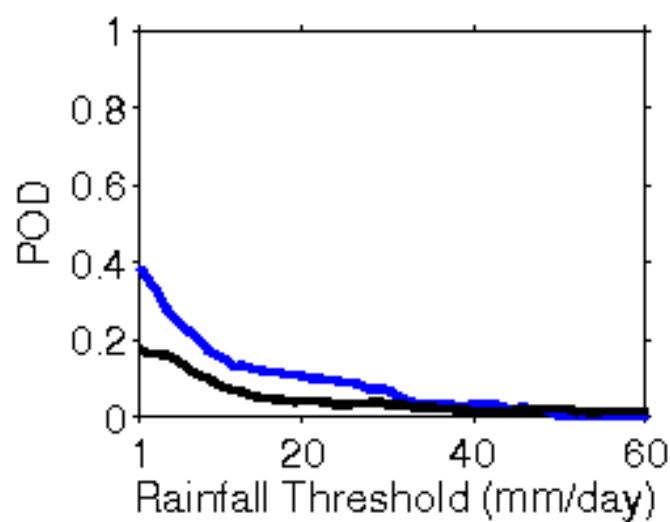
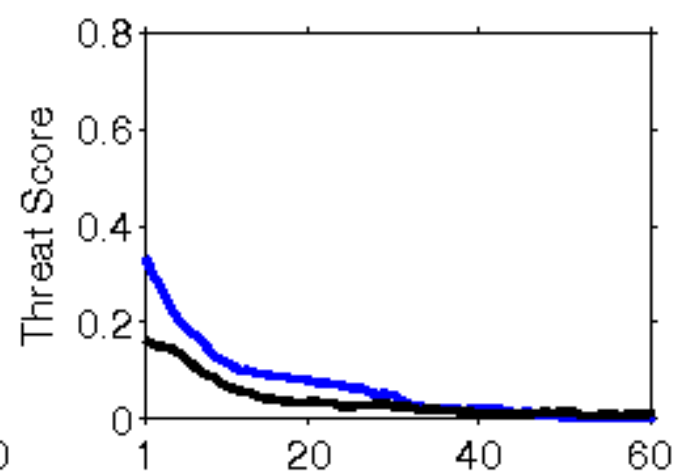
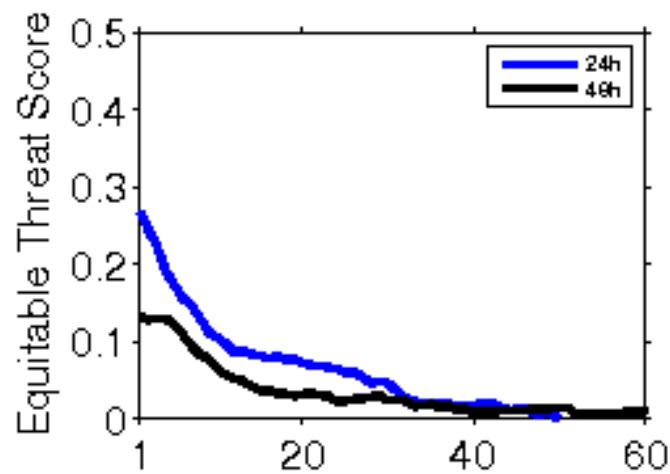


**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.84(-0.63)	16.02(8.36)	2.16(1.15)
48 Hour	2.62(-0.37)	18.21(7.23)	3.12(1.47)
72 Hour	3.25(-0.29)	20.94(6.72)	3.71(1.48)

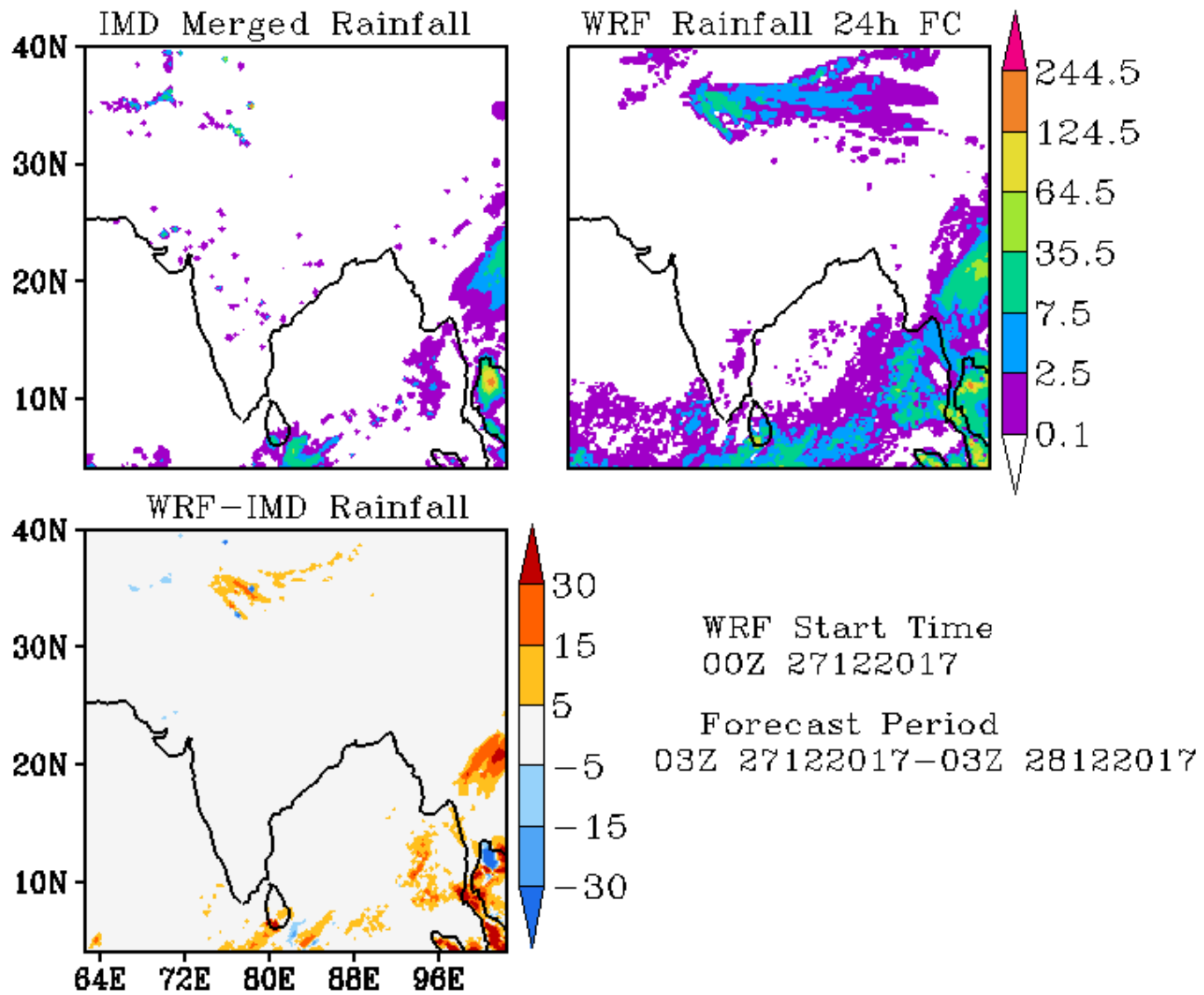


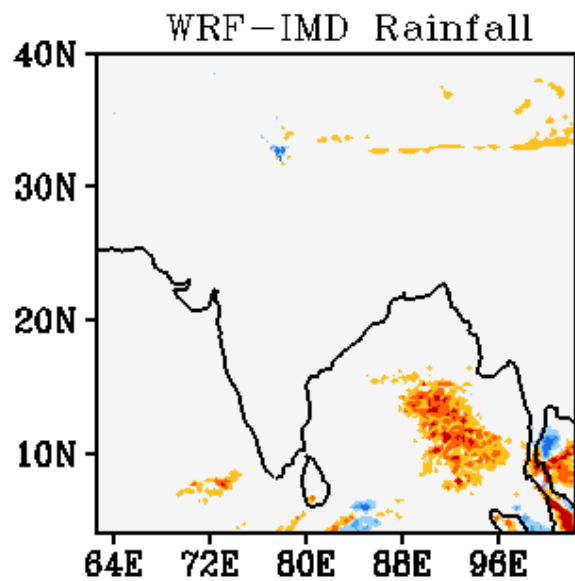
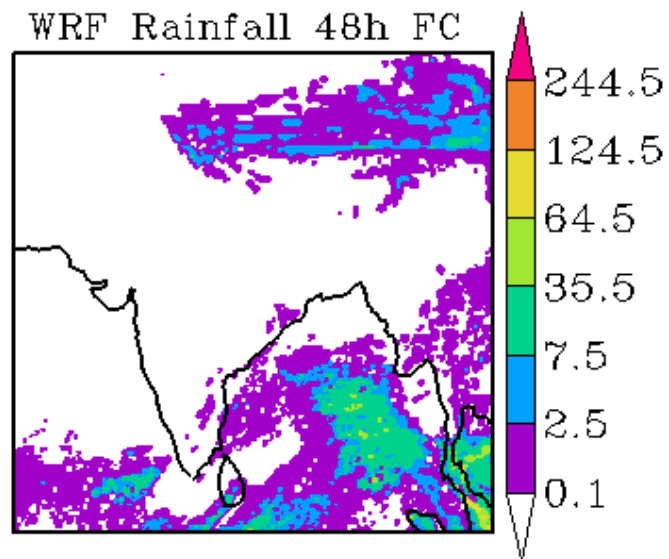
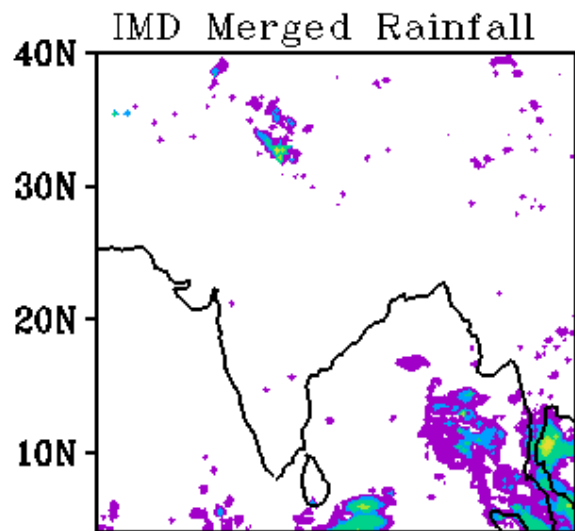




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

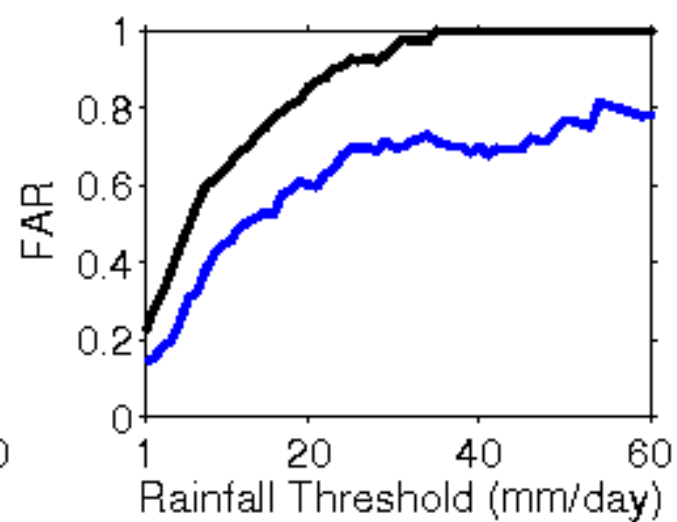
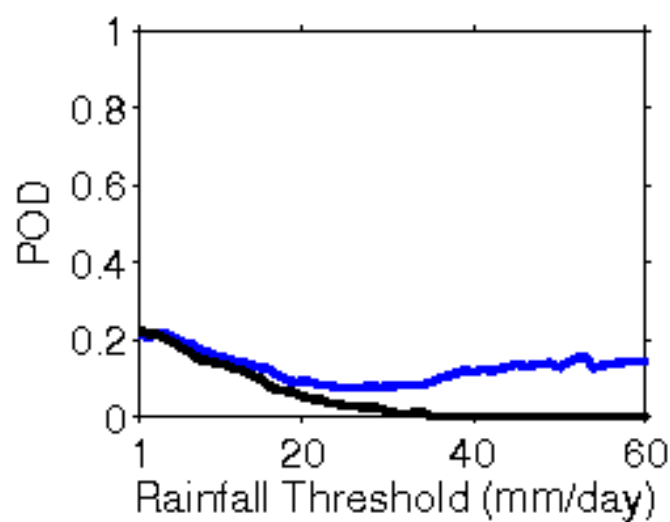
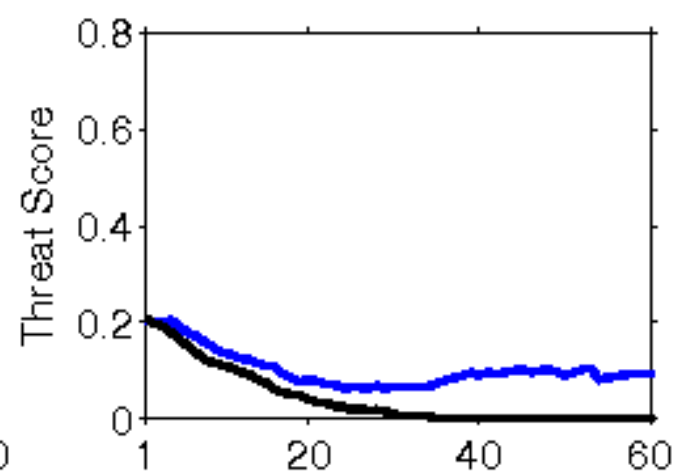
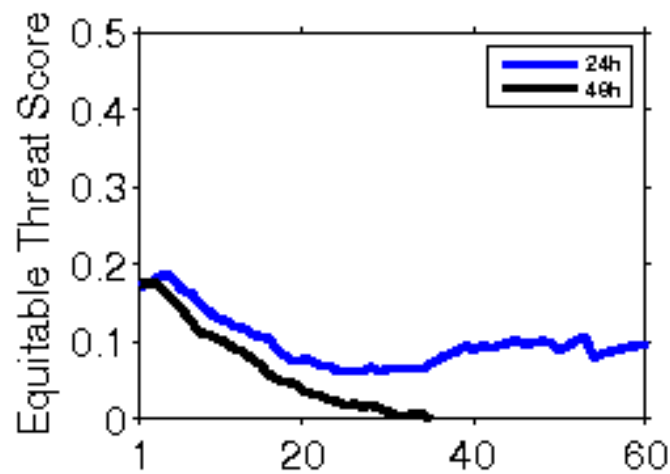
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.54(-0.44)	18.01(10.16)	2.50(1.31)
48 Hour	3.06(-0.07)	22.39(7.92)	3.10(1.77)
72 Hour	3.38(0.11)	22.14(7.03)	2.91(1.93)





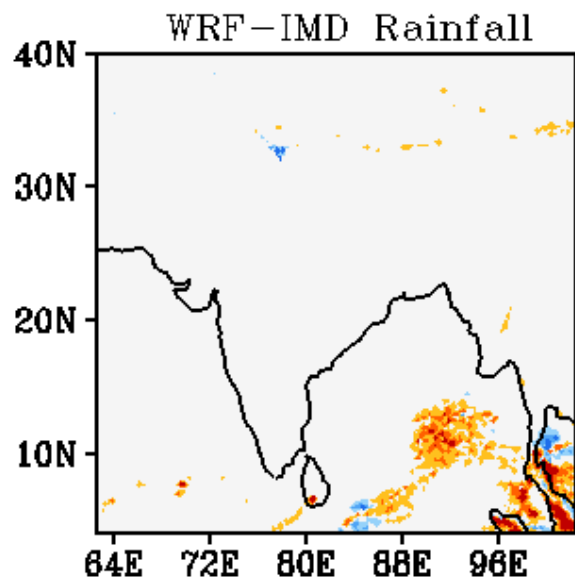
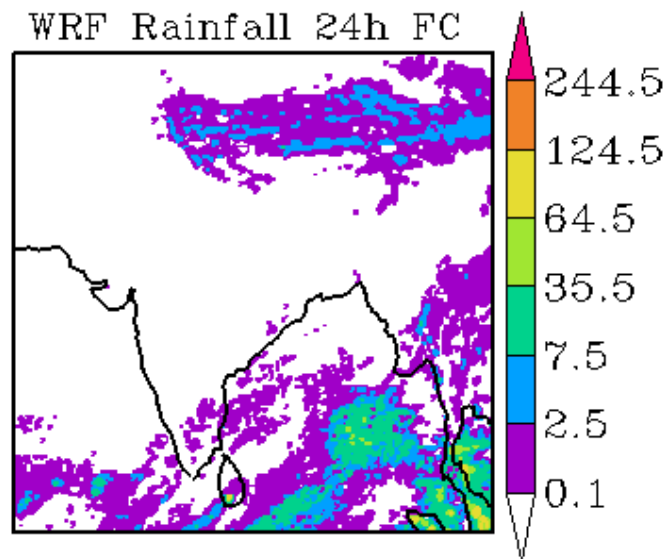
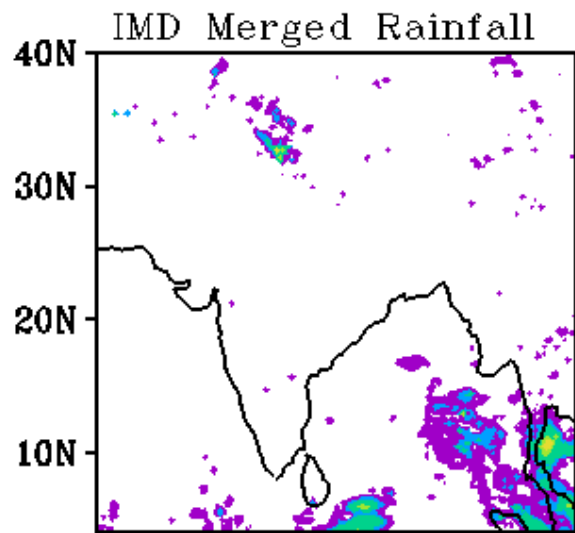
WRF Start Time
00Z 27122017

Forecast Period
03Z 28122017-03Z 29122017



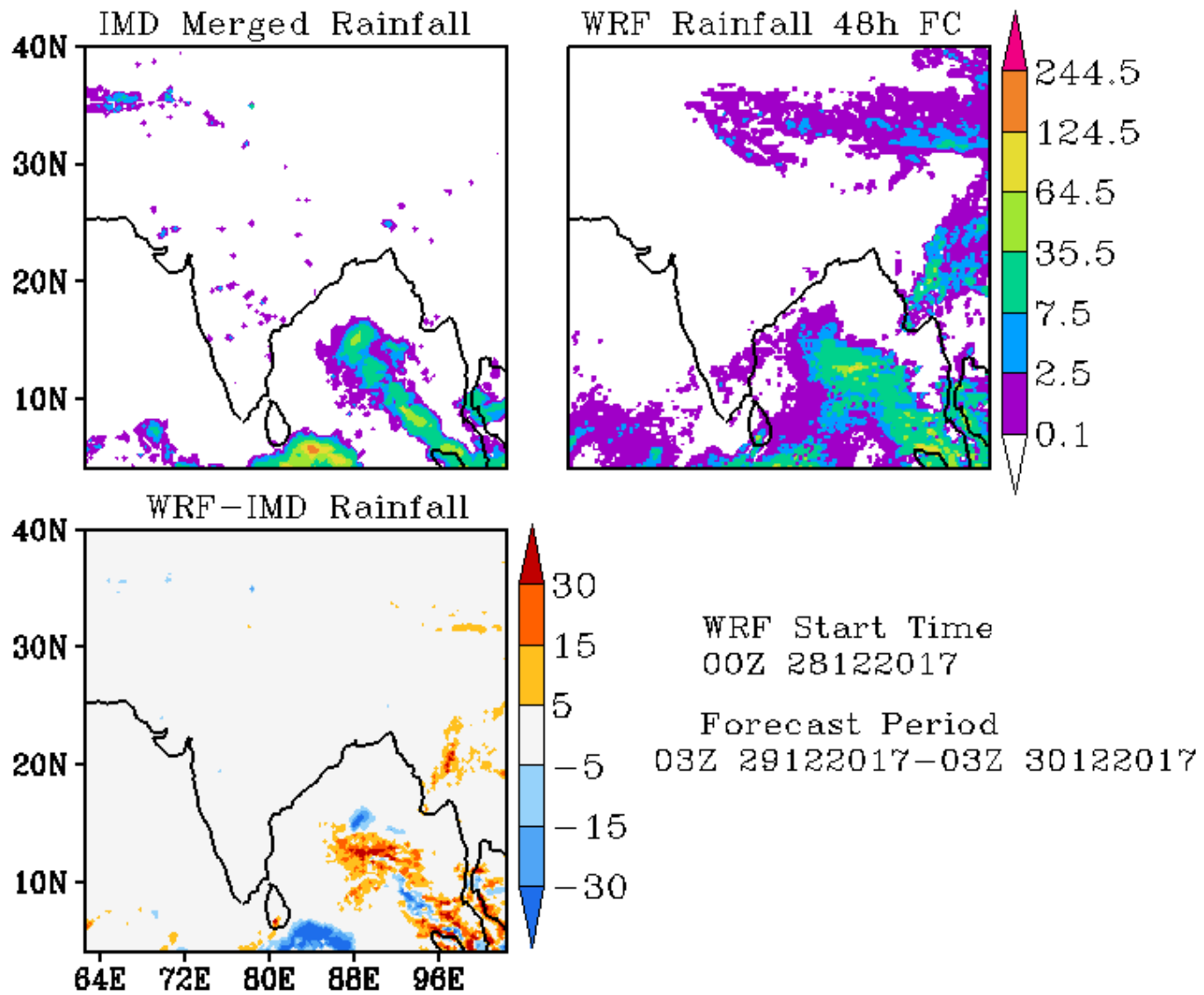
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

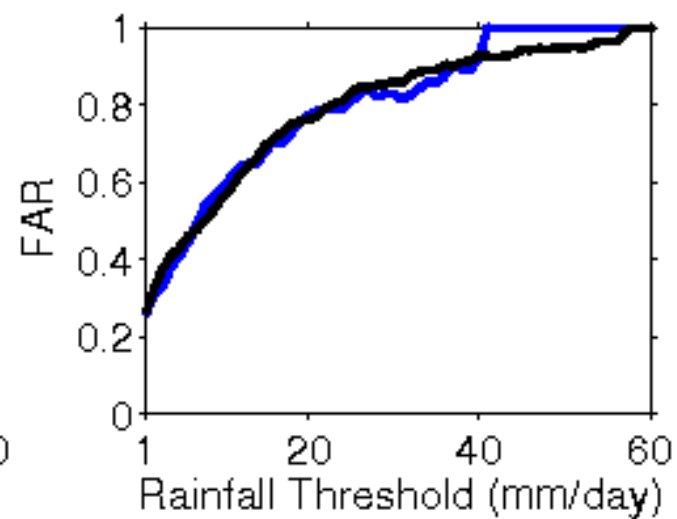
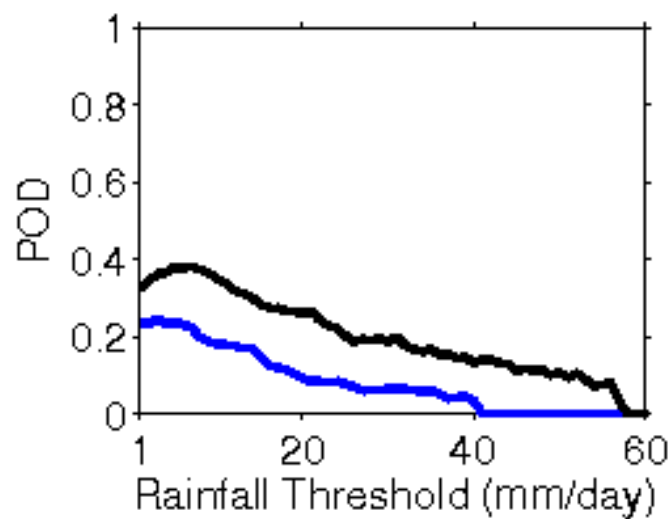
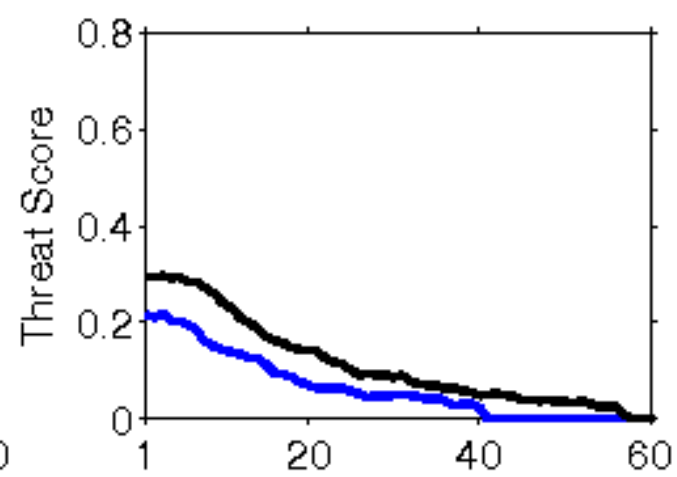
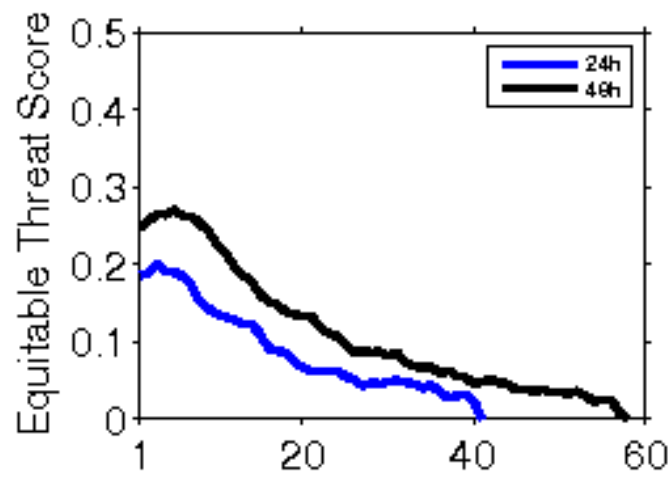
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.97(-0.78)	17.32(8.38)	2.29(1.15)
48 Hour	3.04(-0.33)	19.49(7.55)	2.49(1.80)
72 Hour	3.12(-0.21)	21.05(7.19)	2.46(1.99)



WRF Start Time
00Z 28122017

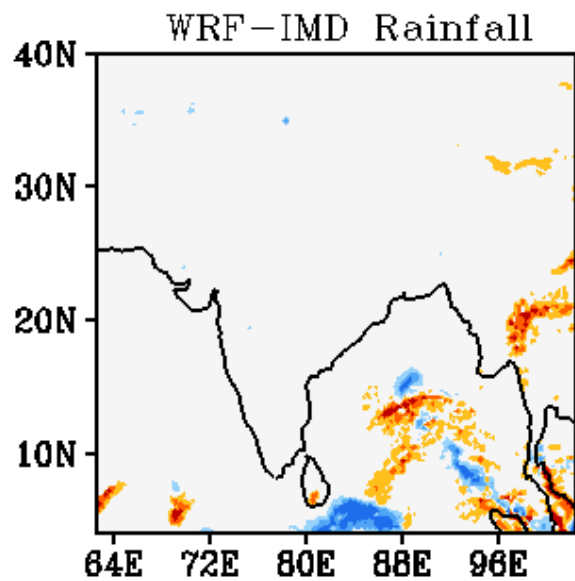
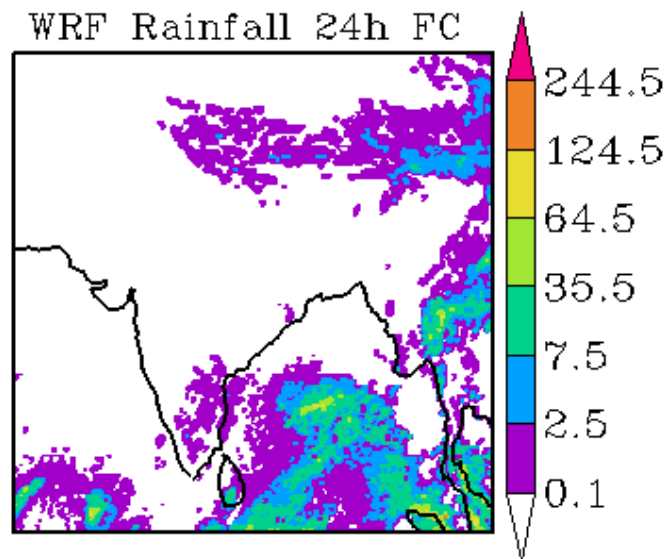
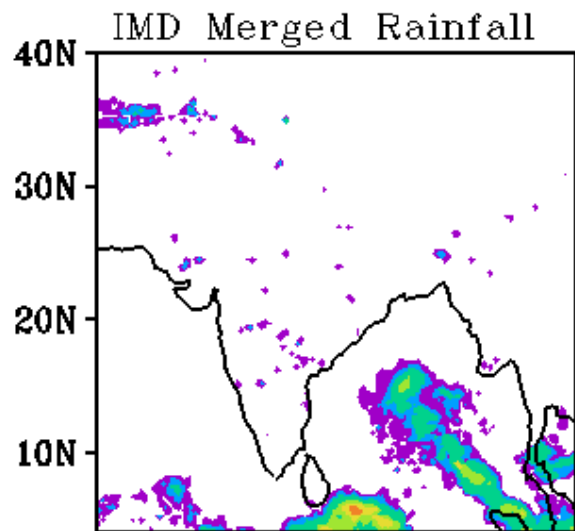
Forecast Period
03Z 28122017-03Z 29122017





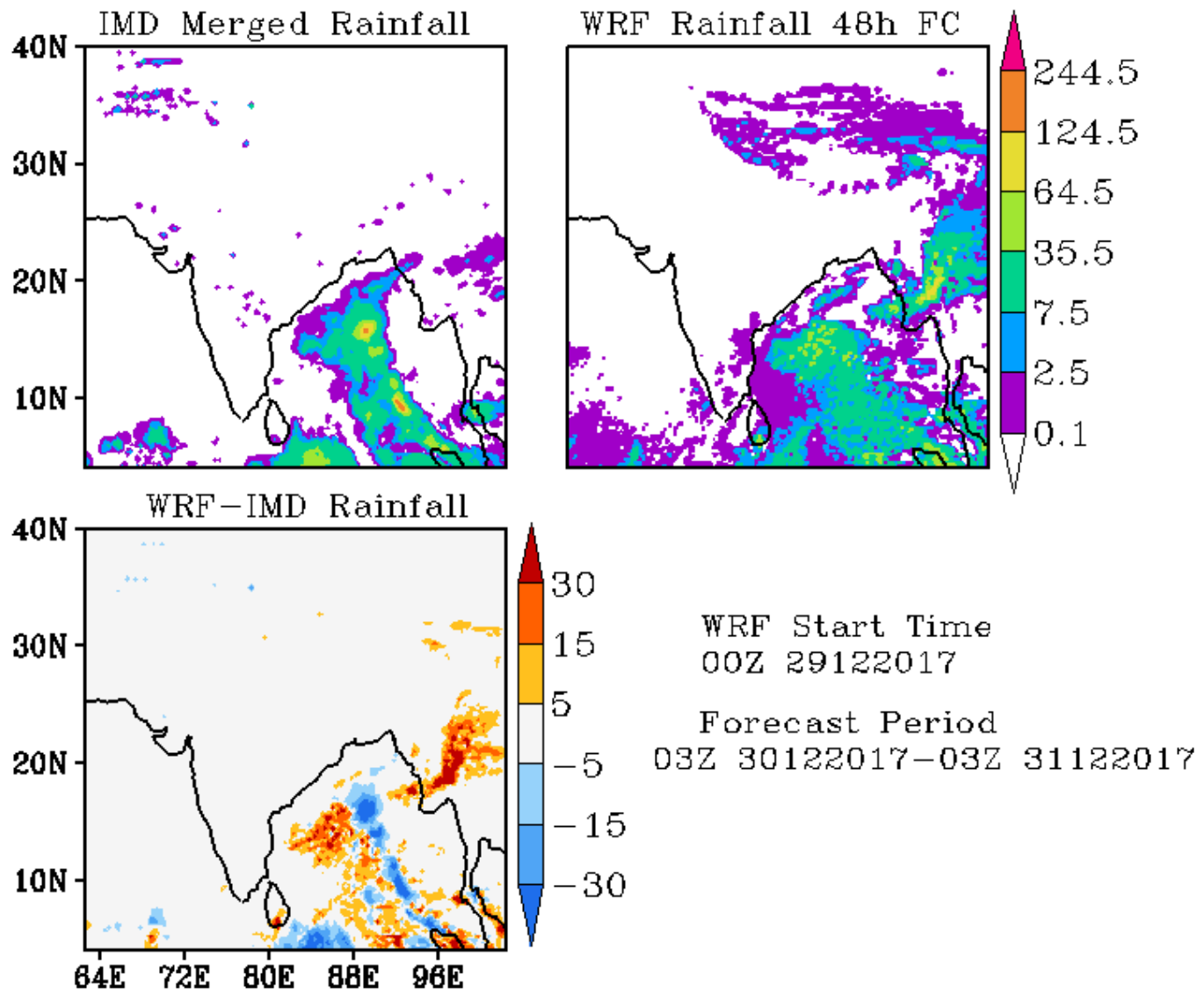
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 29-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

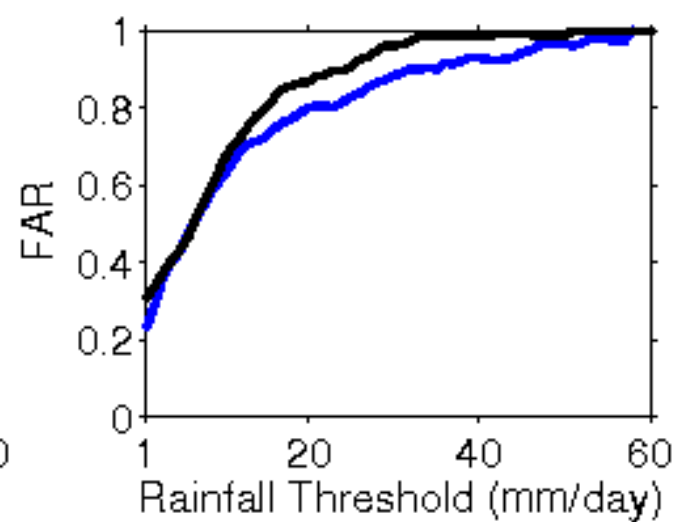
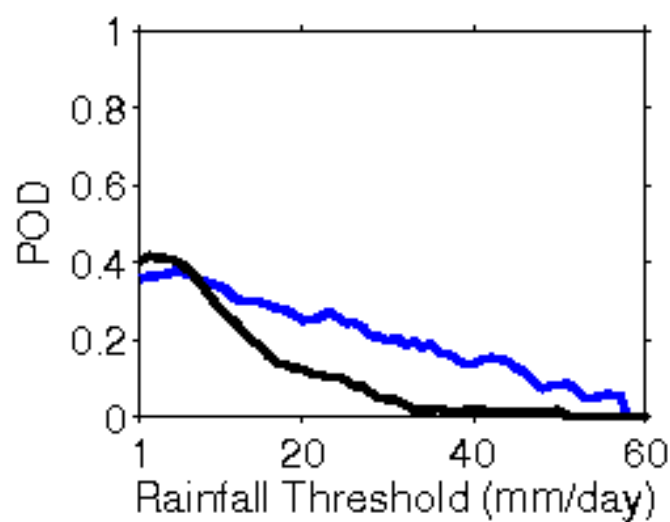
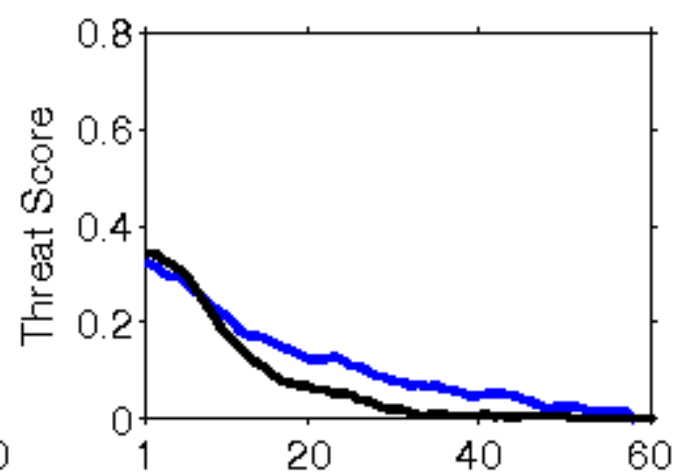
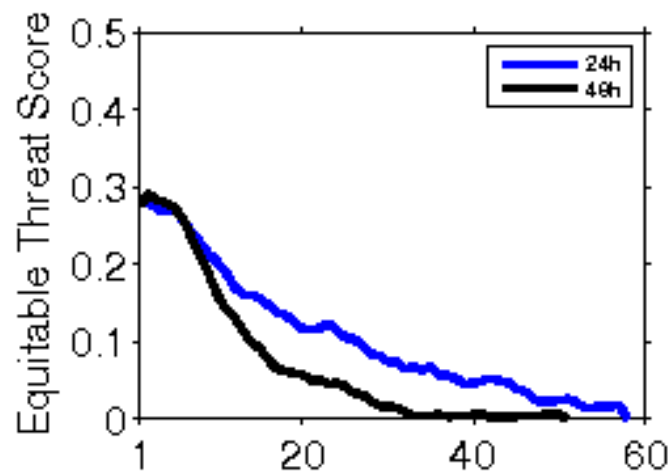
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.80(-0.78)	15.13(7.40)	2.02(1.03)
48 Hour	2.09(-0.52)	17.56(7.25)	2.02(1.20)
72 Hour	2.47(-0.14)	18.58(6.85)	2.50(1.39)



WRF Start Time
00Z 29122017

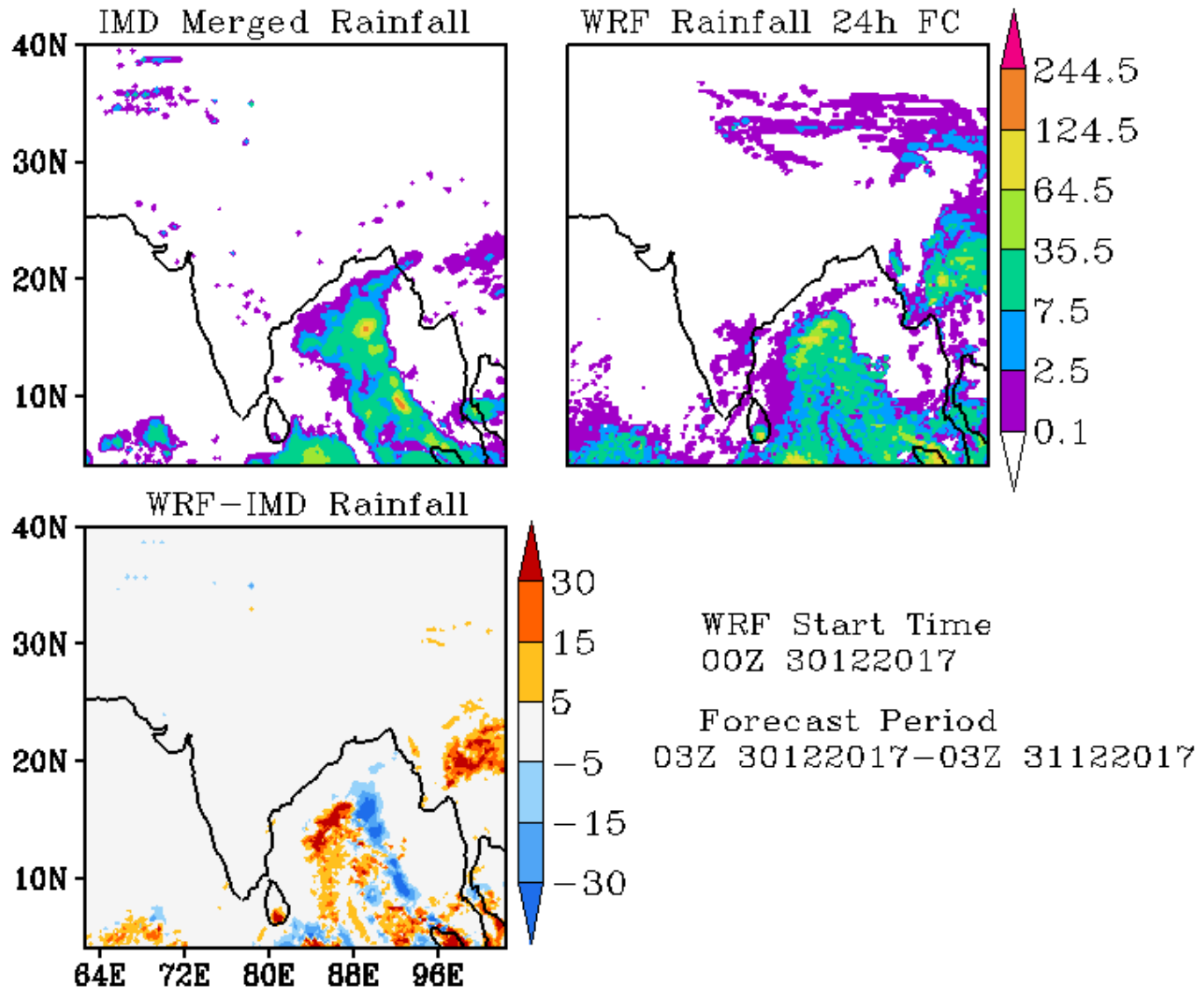
Forecast Period
03Z 29122017-03Z 30122017

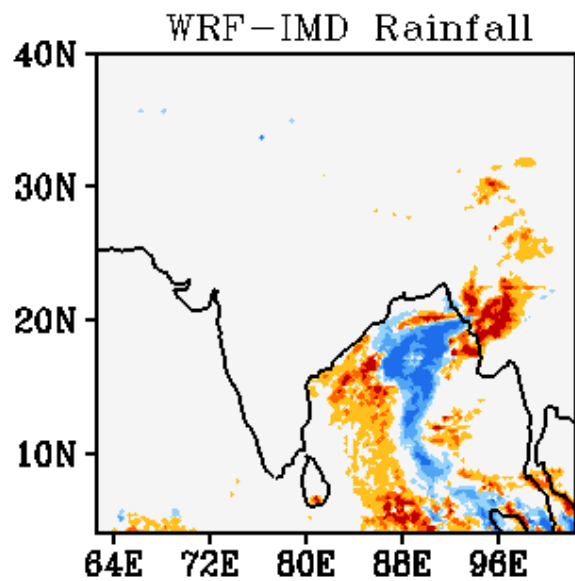
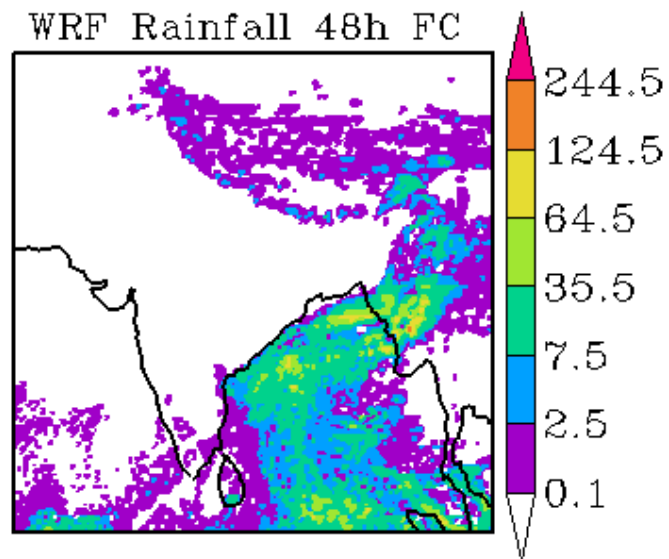
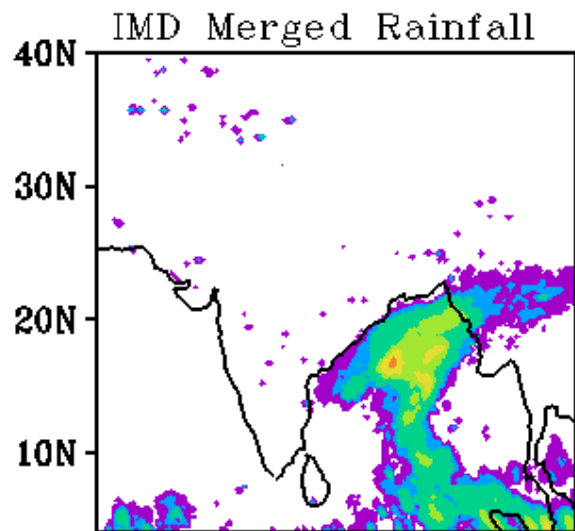




**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 30-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

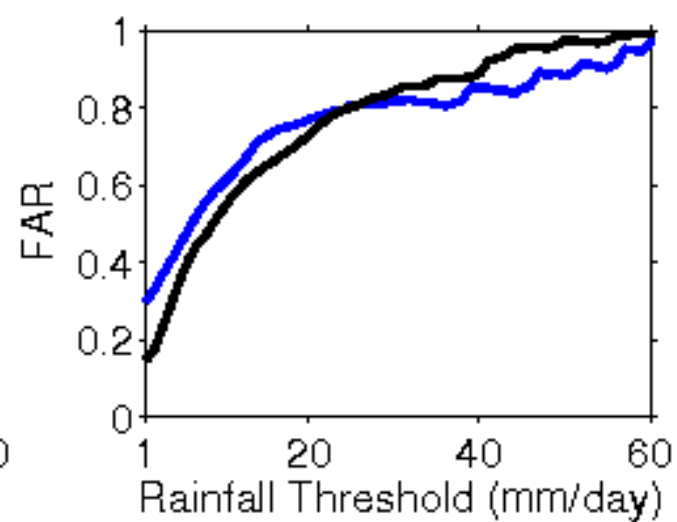
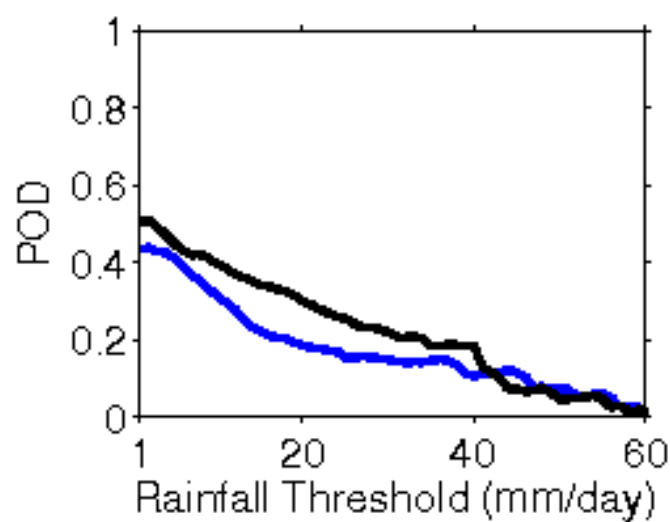
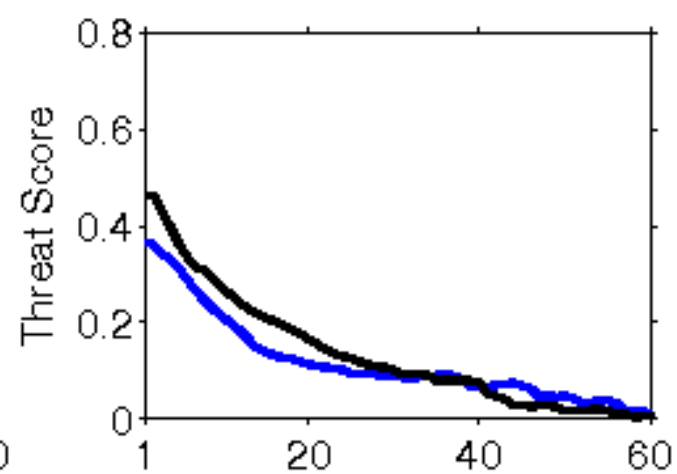
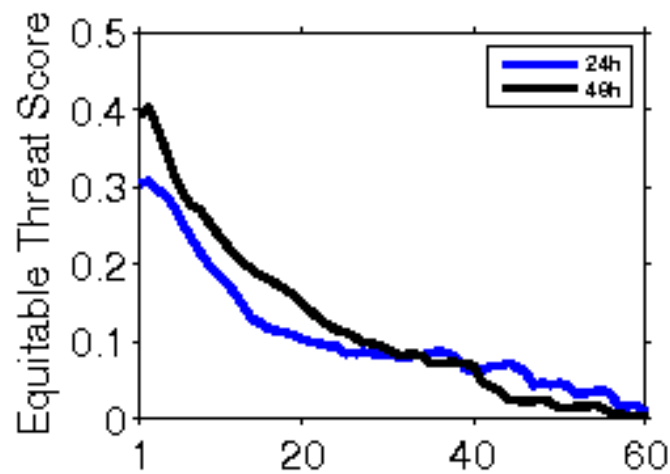
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.68(-0.52)	16.93(9.42)	1.83(0.86)
48 Hour	1.90(-0.40)	17.32(8.99)	2.38(0.99)
72 Hour	2.22(0.05)	19.55(9.28)	2.35(1.29)





WRF Start Time
00Z 30122017

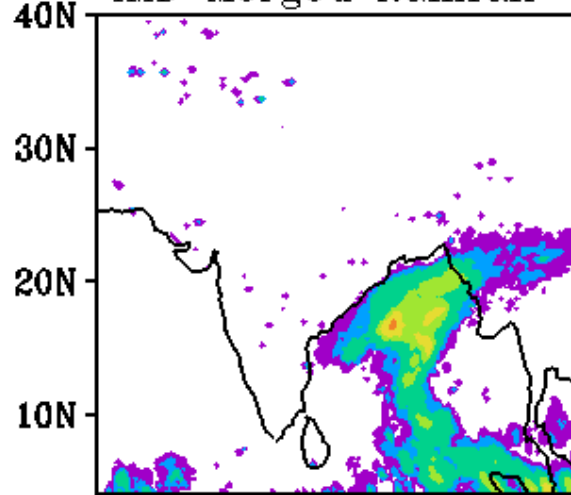
Forecast Period
03Z 31122017-03Z 01012018



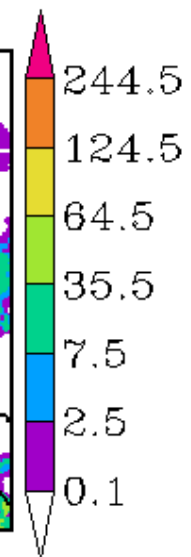
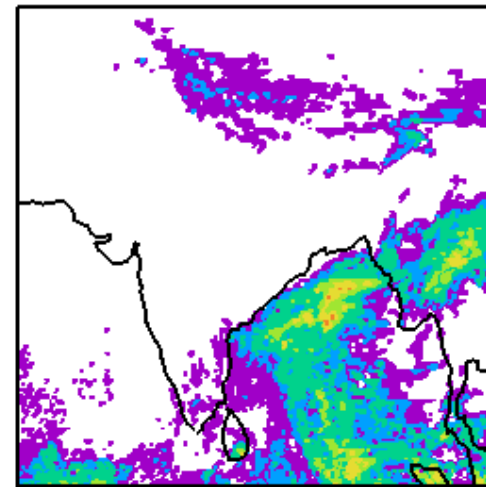
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 31-12-17
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.64(-0.47)	16.62(9.55)	2.00(1.06)
48 Hour	1.82(-0.26)	19.31(8.72)	2.14(1.23)
72 Hour	2.65(-0.28)	20.00(8.04)	2.54(1.50)

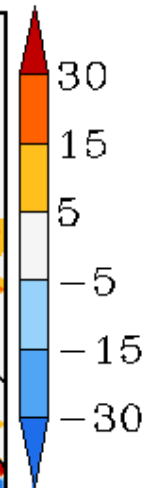
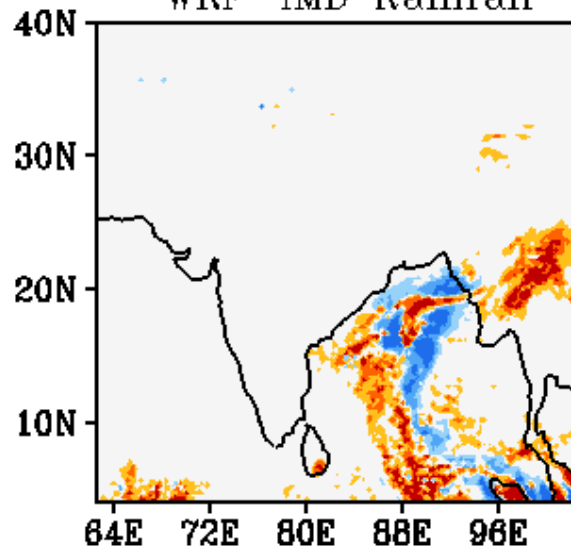
IMD Merged Rainfall



WRF Rainfall 24h FC

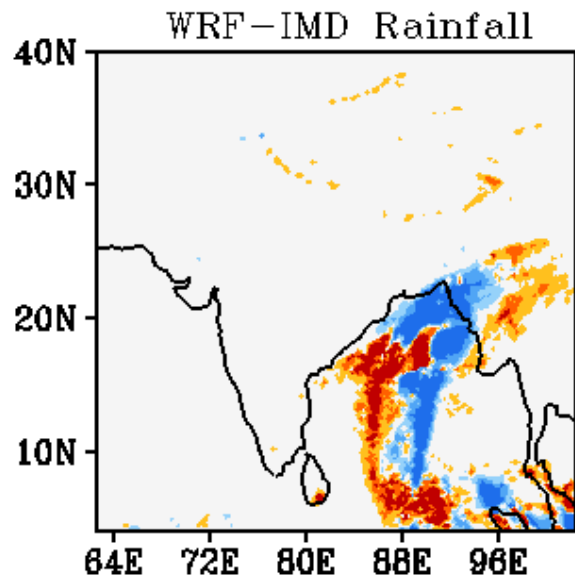
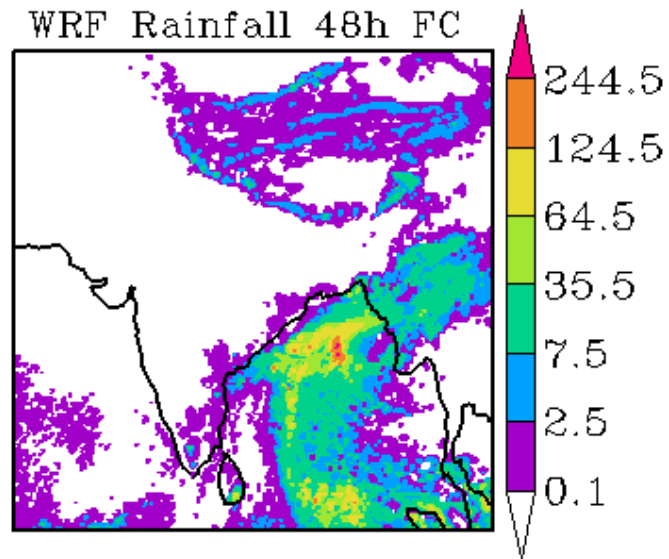
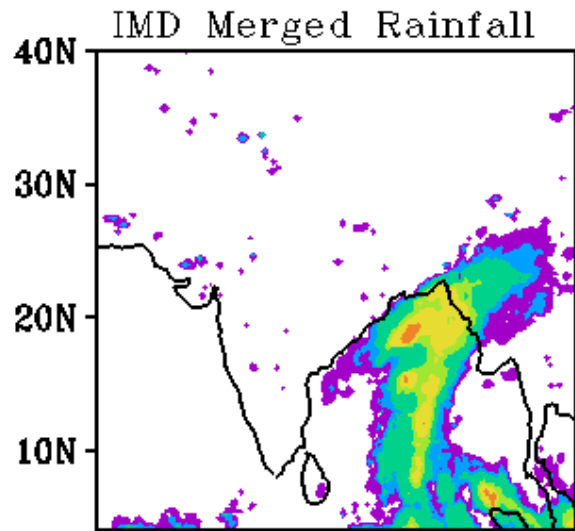


WRF-IMD Rainfall



WRF Start Time
00Z 31122017

Forecast Period
03Z 31122017-03Z 01012018



WRF Start Time
00Z 31122017

Forecast Period
03Z 01012018-03Z 02012018

