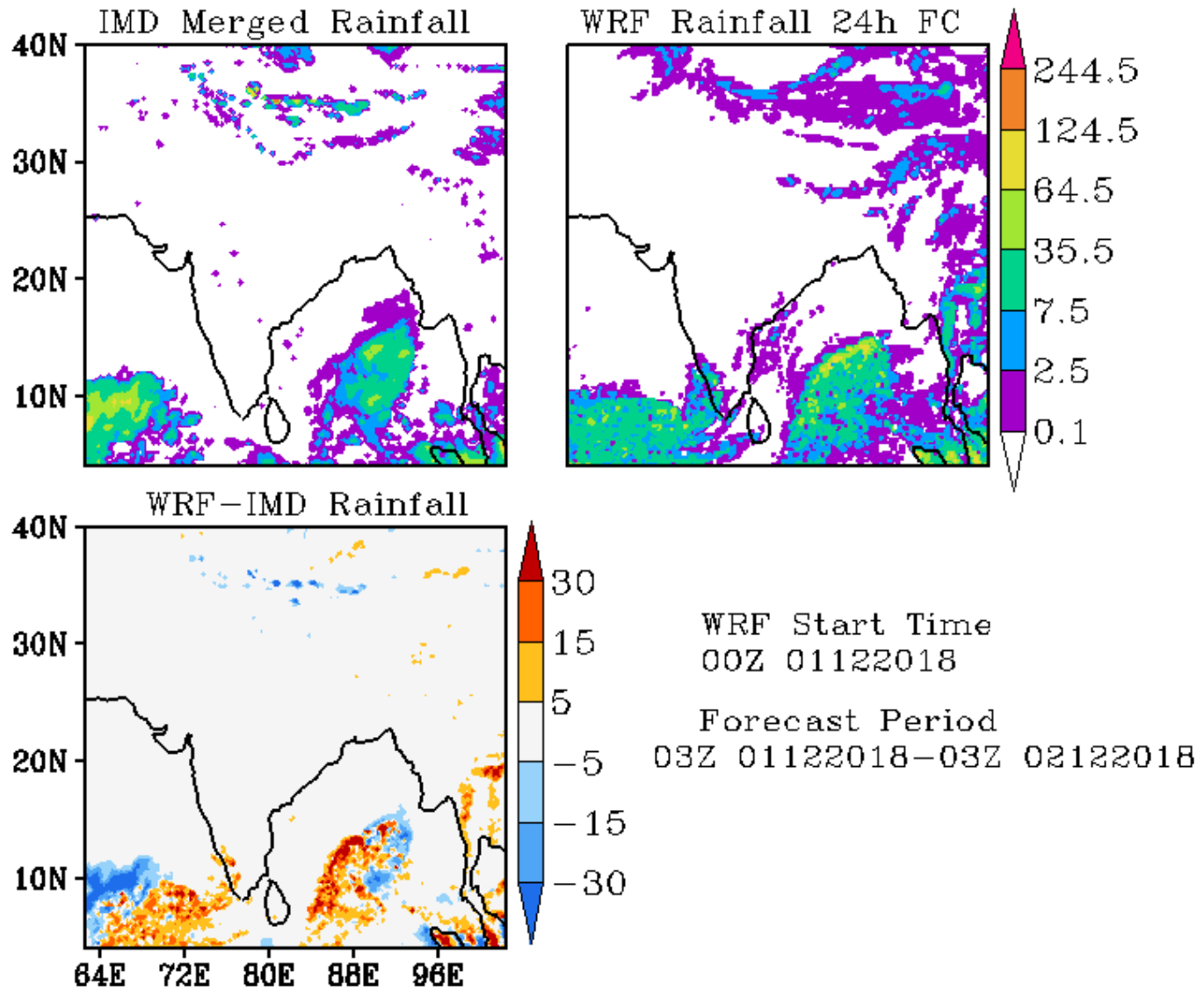
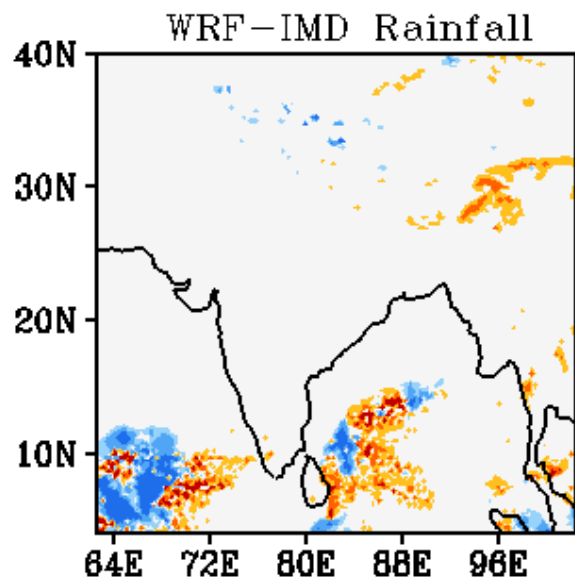
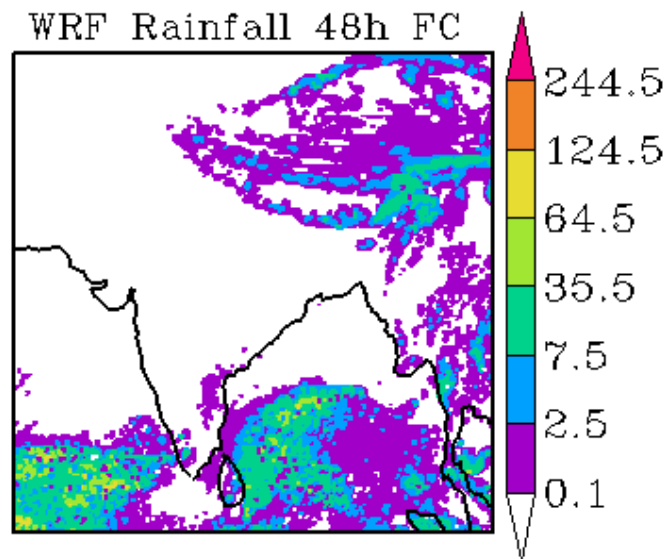
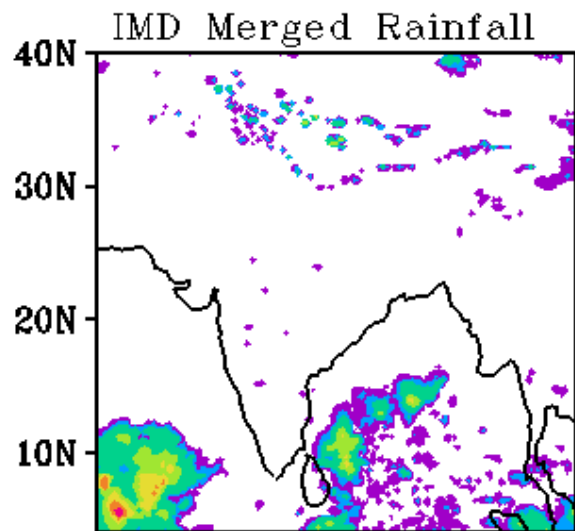


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 01-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

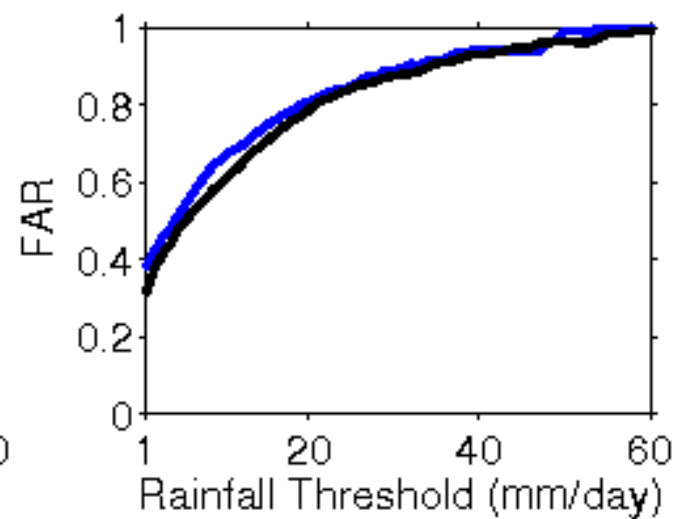
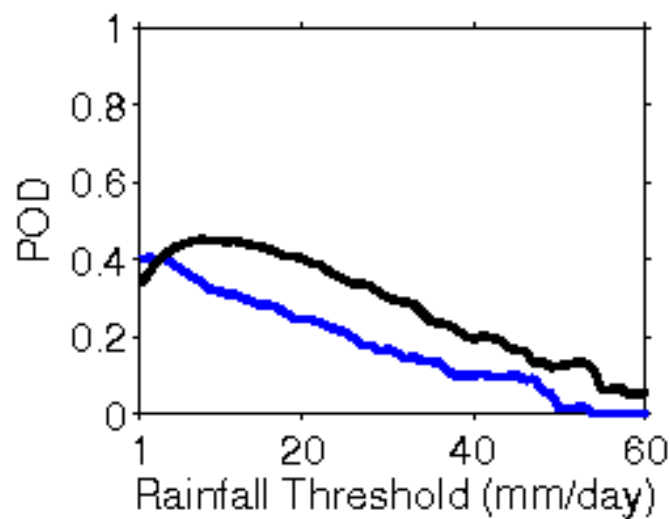
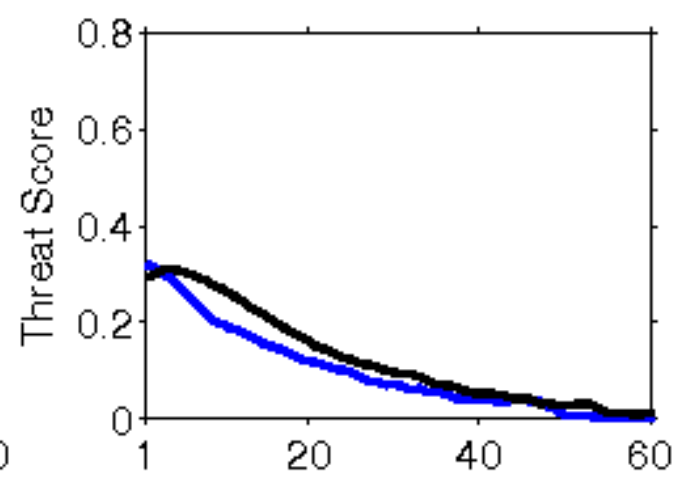
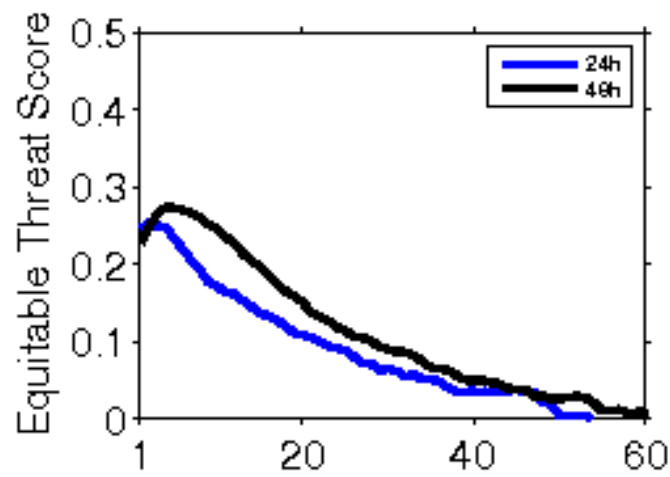
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.70(-0.67)	17.14(8.42)	2.07(0.89)
<b>48 Hour</b>	2.49(-0.47)	18.39(7.94)	2.47(1.10)
<b>72 Hour</b>	3.03(-0.17)	20.43(7.63)	2.17(1.27)





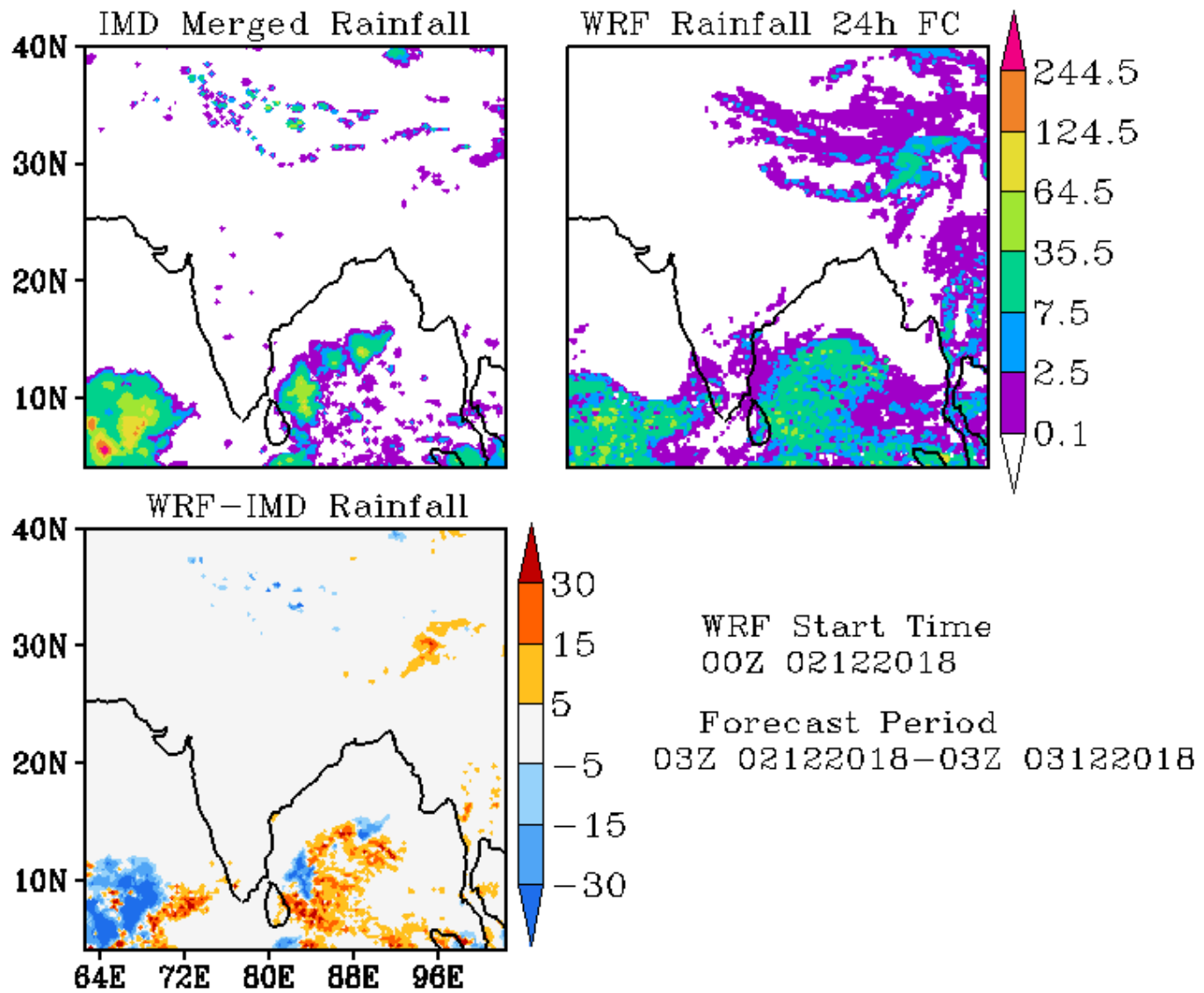
WRF Start Time  
00Z 01122018

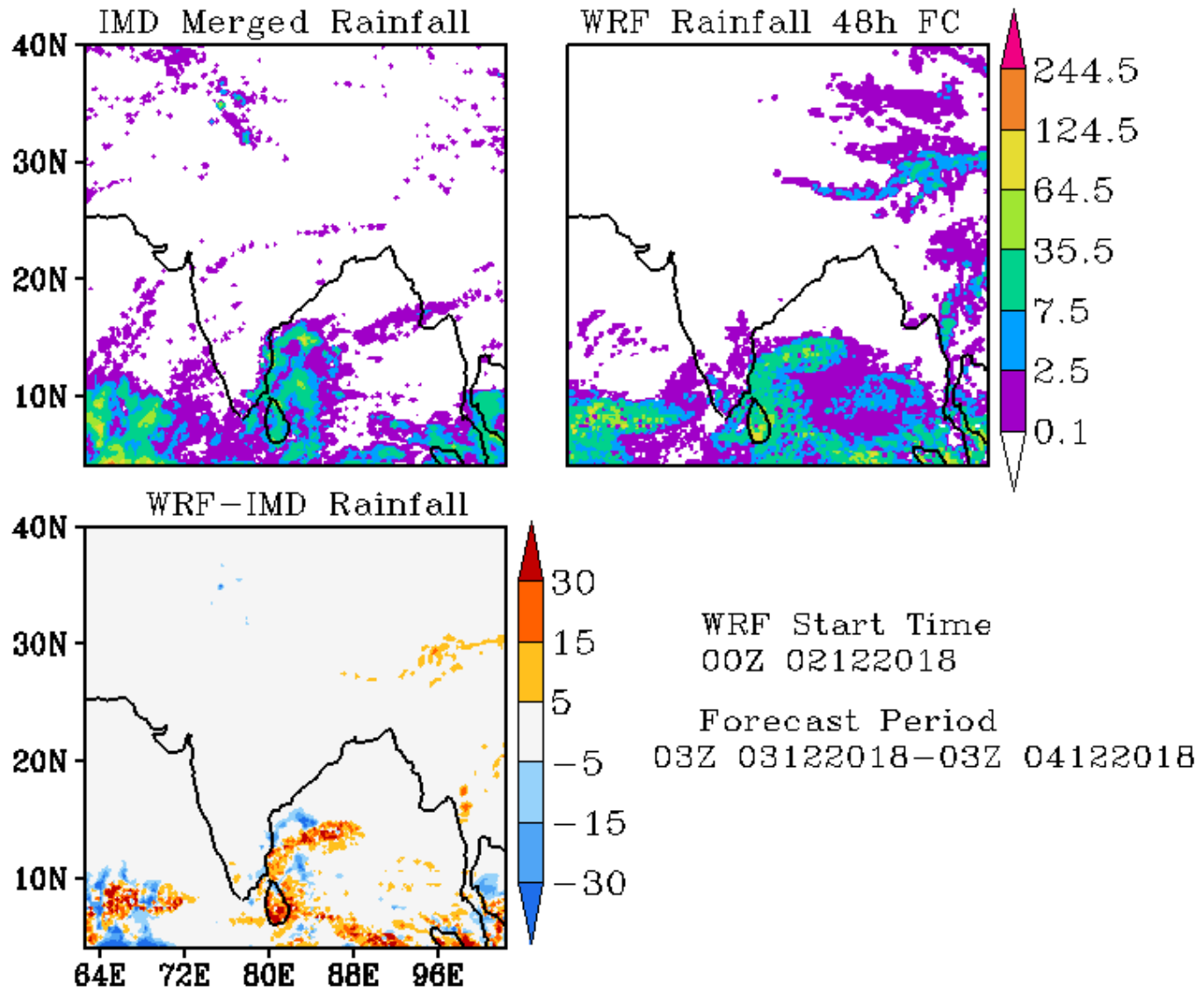
Forecast Period  
03Z 02122018-03Z 03122018

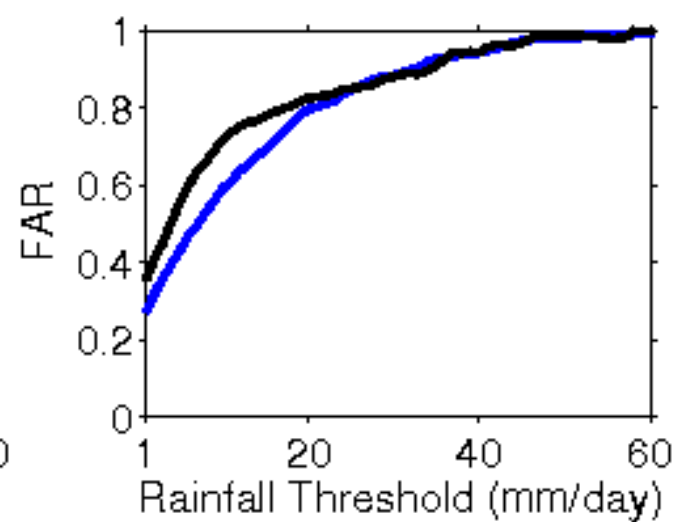
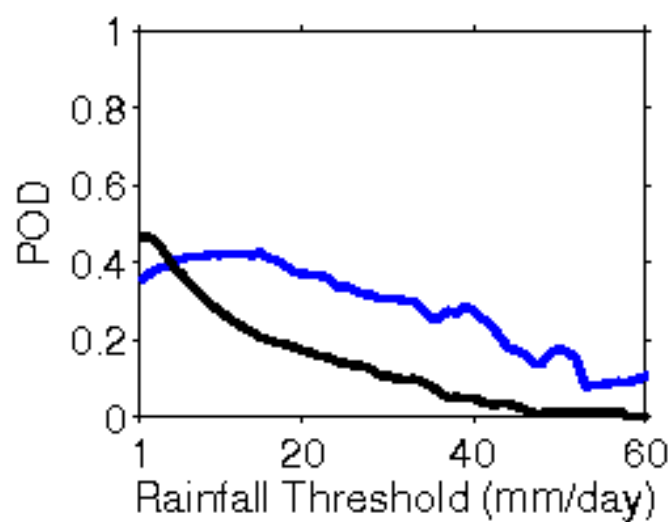
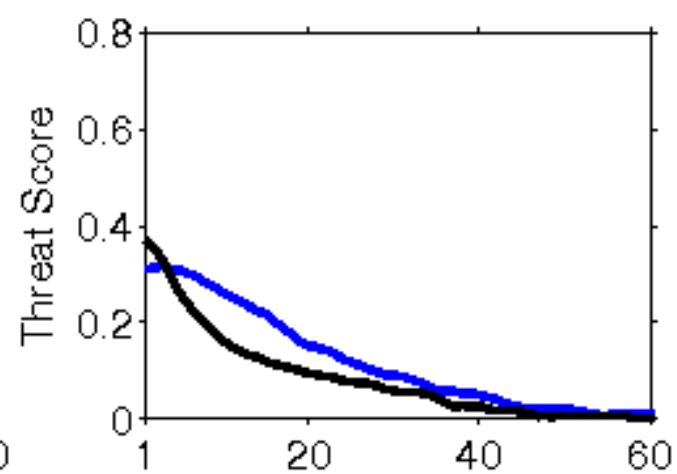
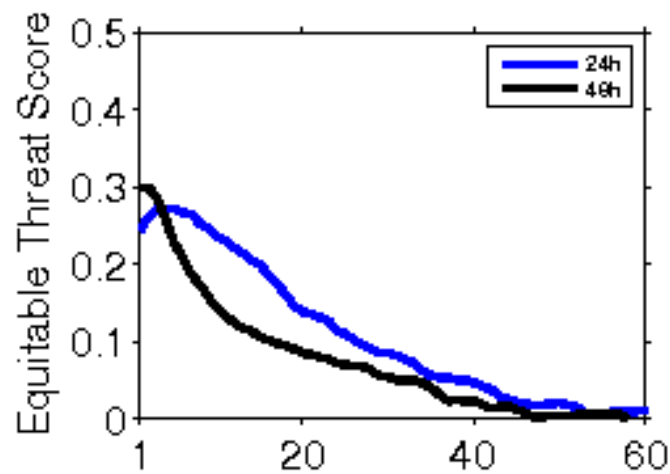


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 02-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	2.02(-0.84)	16.07(7.21)	2.17(0.97)
<b>48 Hour</b>	2.65(-0.83)	18.19(4.08)	2.20(1.28)
<b>72 Hour</b>	2.33(-0.75)	17.40(4.36)	2.49(1.07)



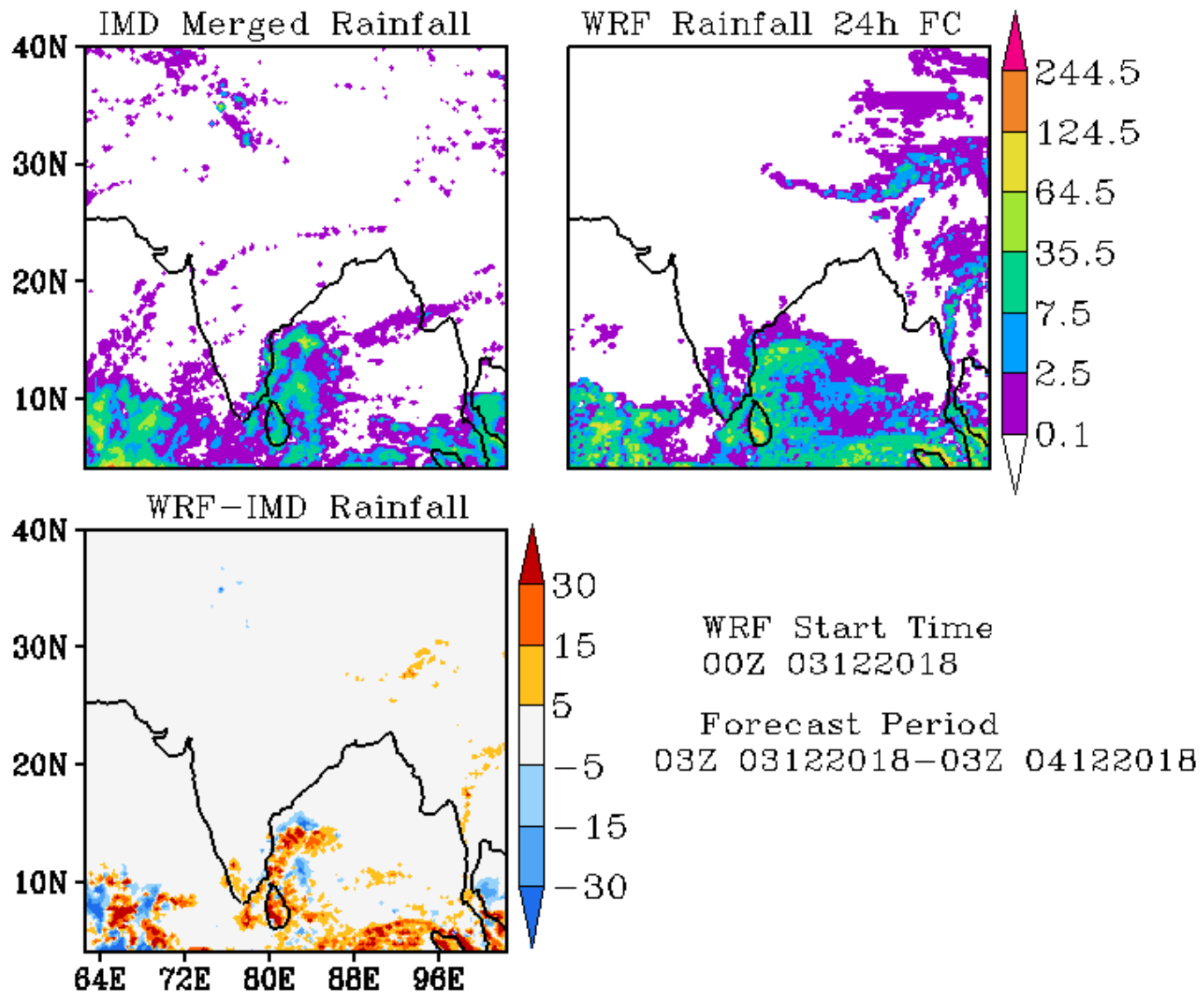


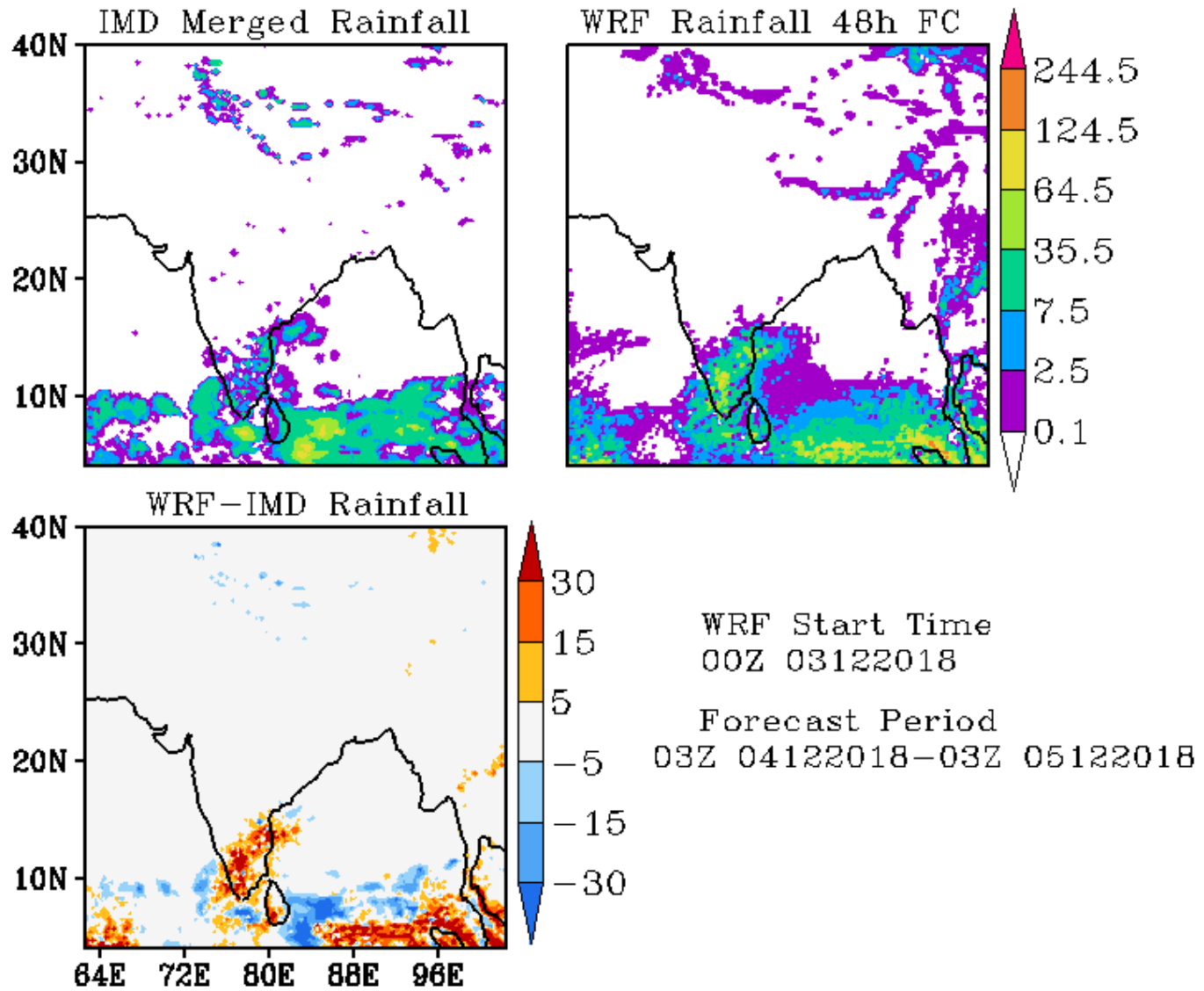


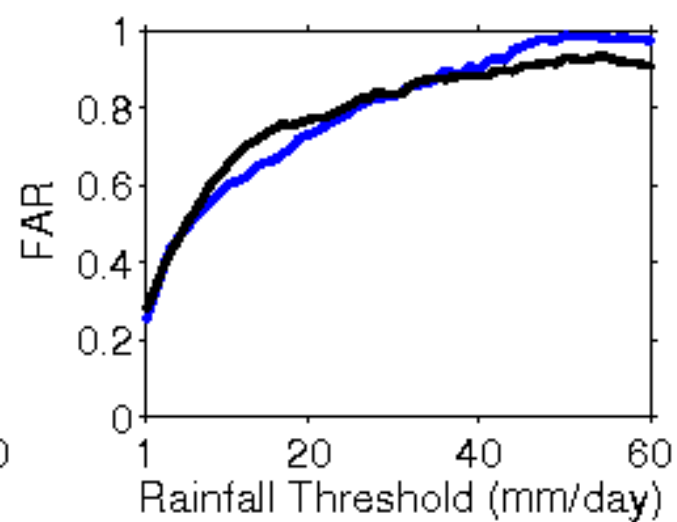
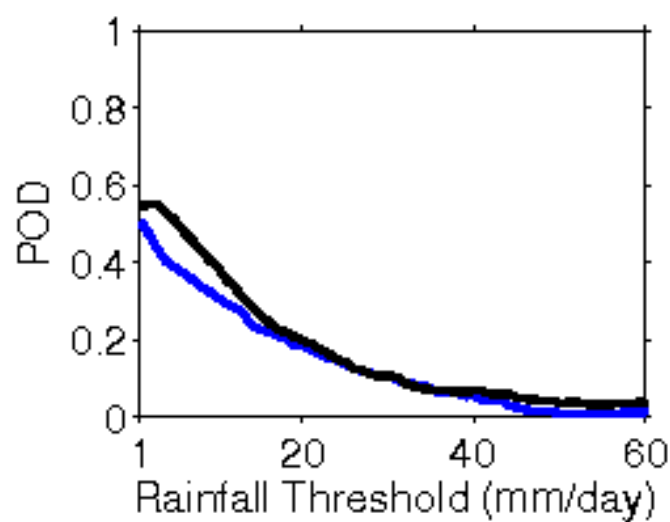
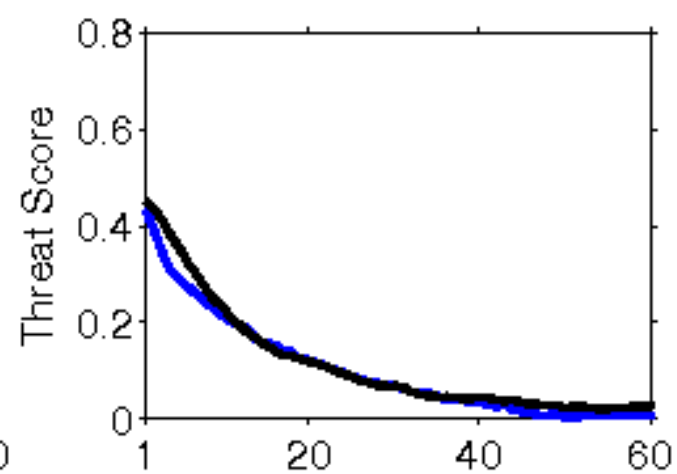
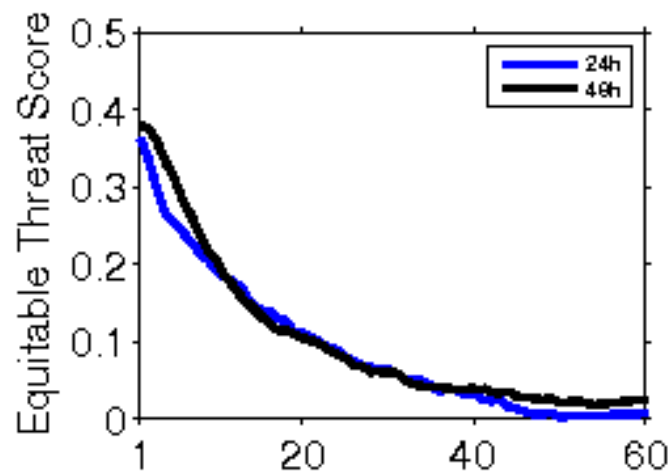


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 03-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.94(-0.90)	16.61(7.89)	1.96(0.82)
<b>48 Hour</b>	1.86(-0.92)	17.73(5.90)	2.25(0.97)
<b>72 Hour</b>	1.87(-0.86)	19.18(3.93)	2.08(1.05)

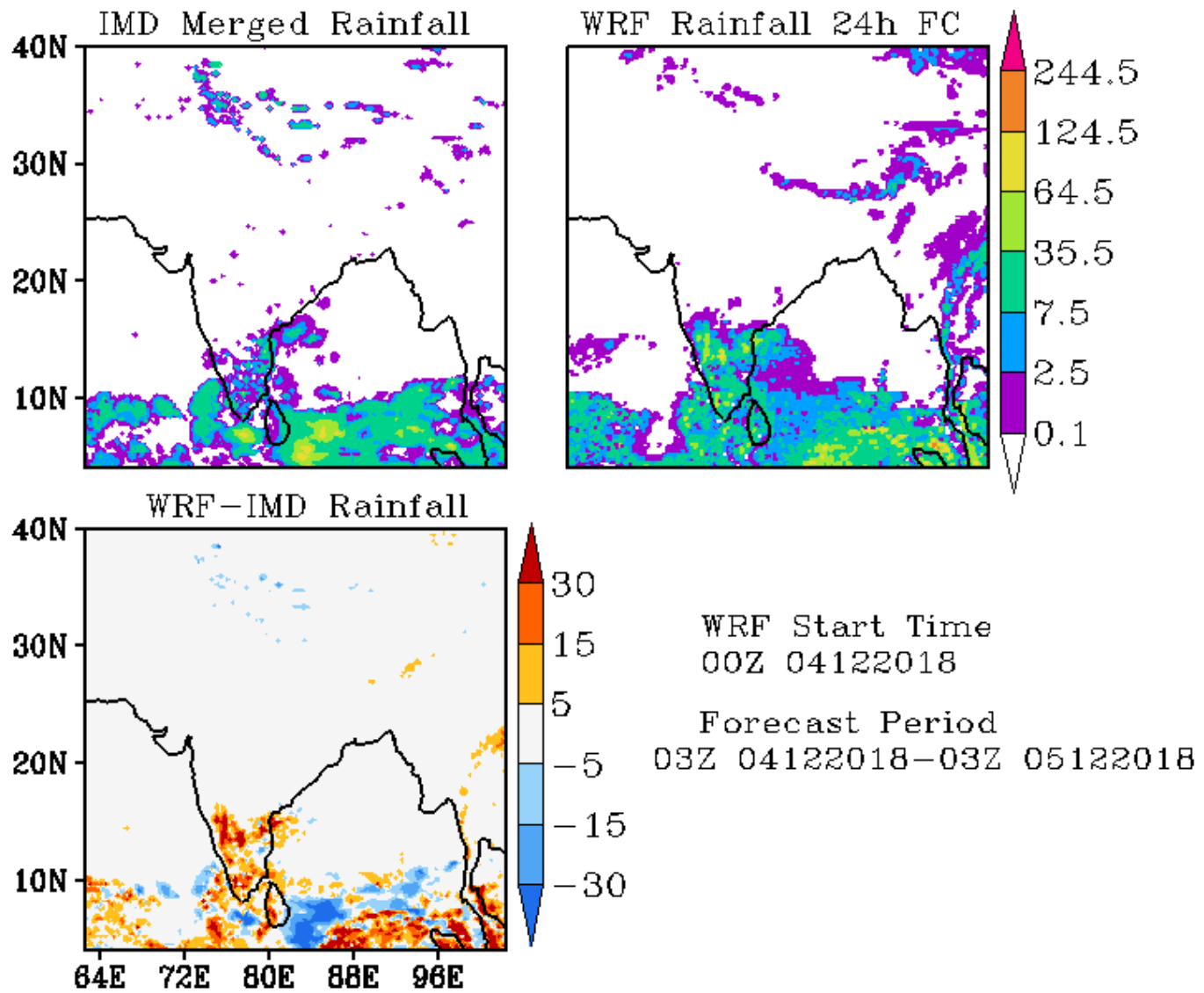


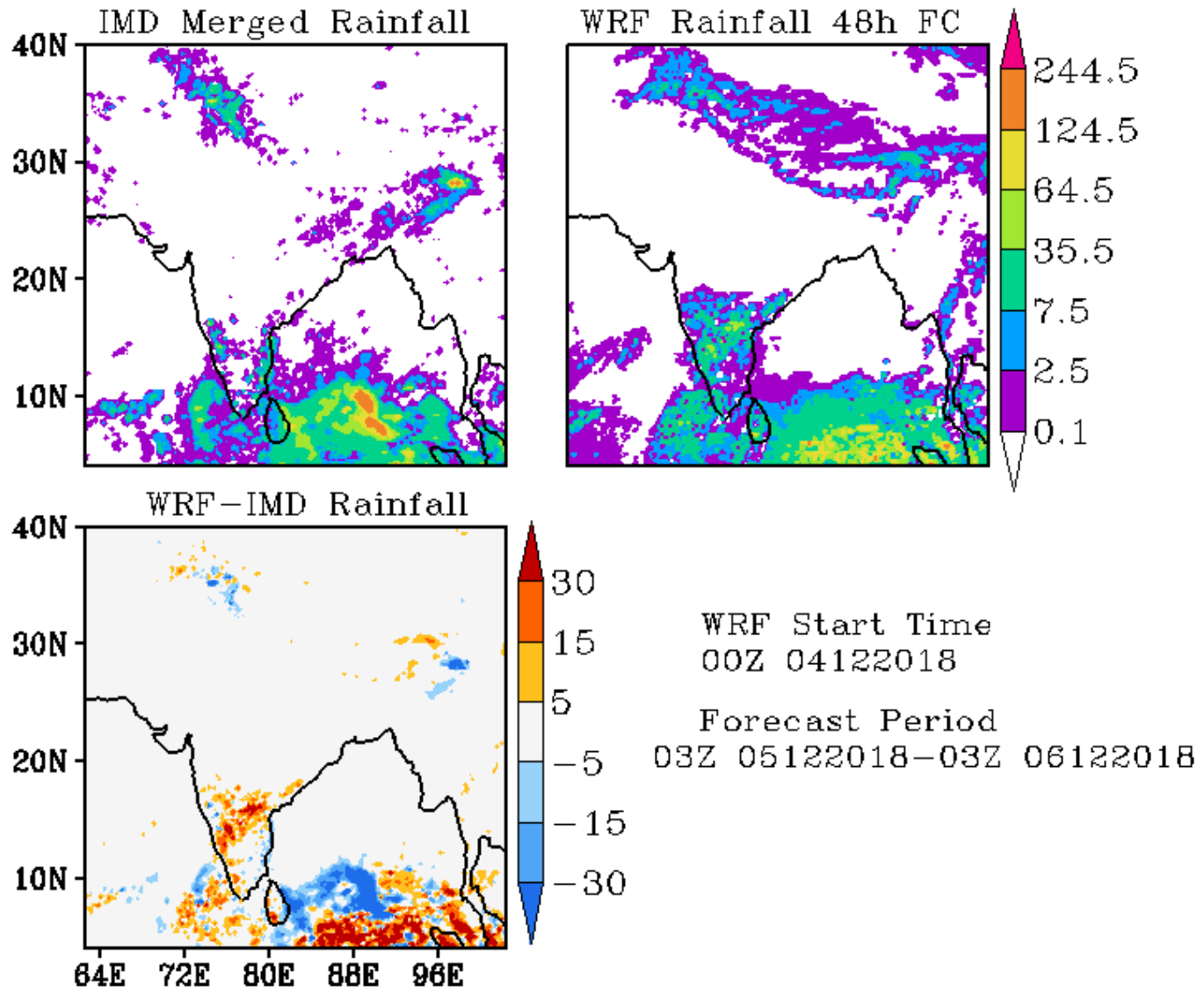


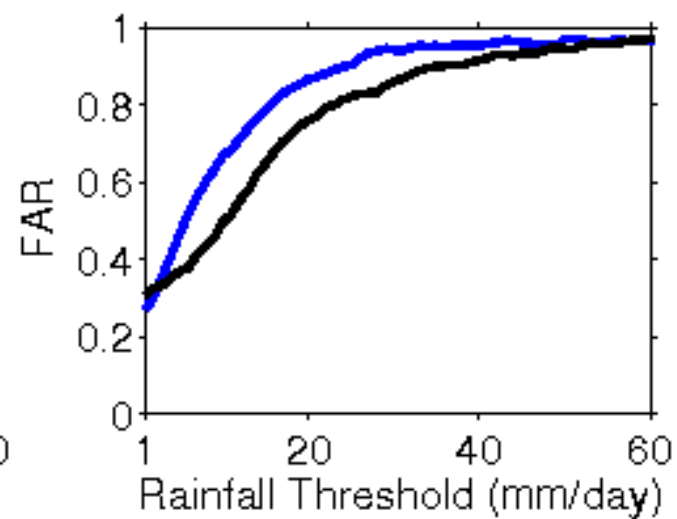
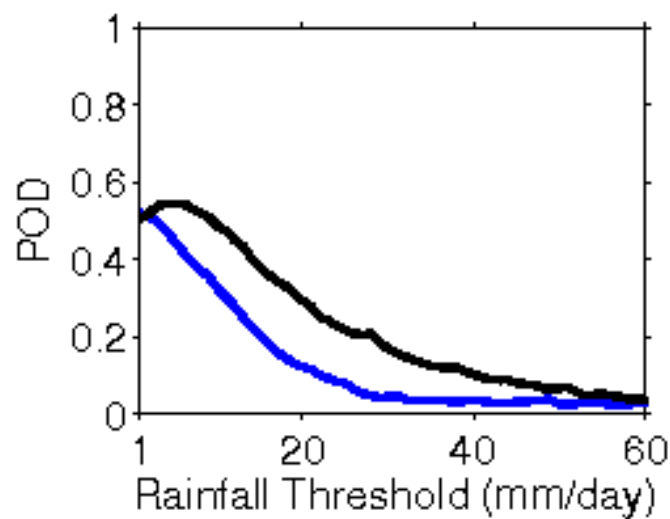
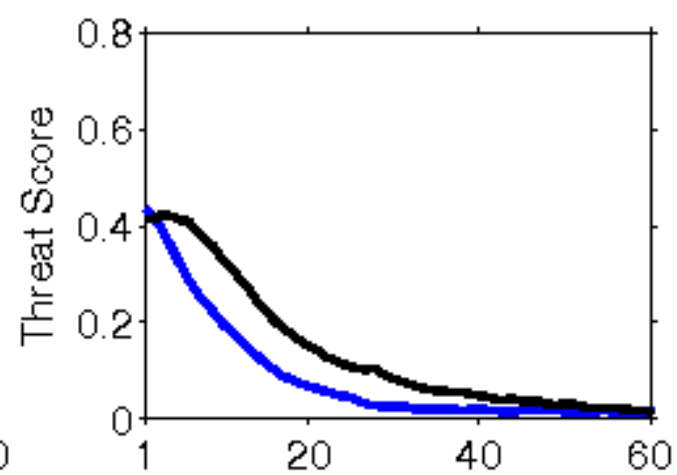
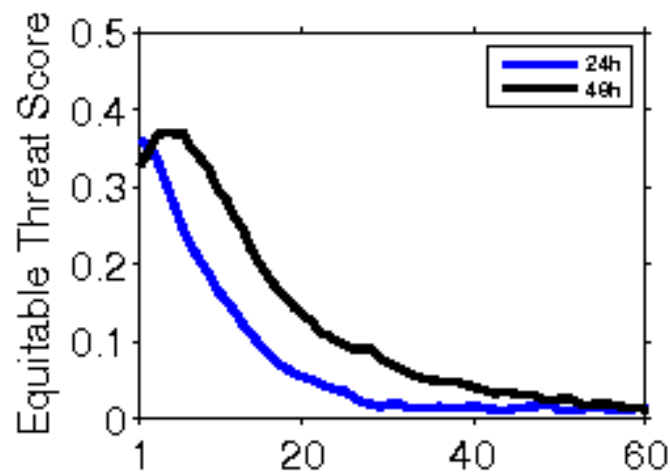


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 04-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.82(-0.67)	16.50(7.62)	2.02(0.99)
<b>48 Hour</b>	1.81(-0.53)	20.21(5.87)	2.06(1.14)
<b>72 Hour</b>	2.09(-0.42)	21.94(4.33)	2.27(1.29)



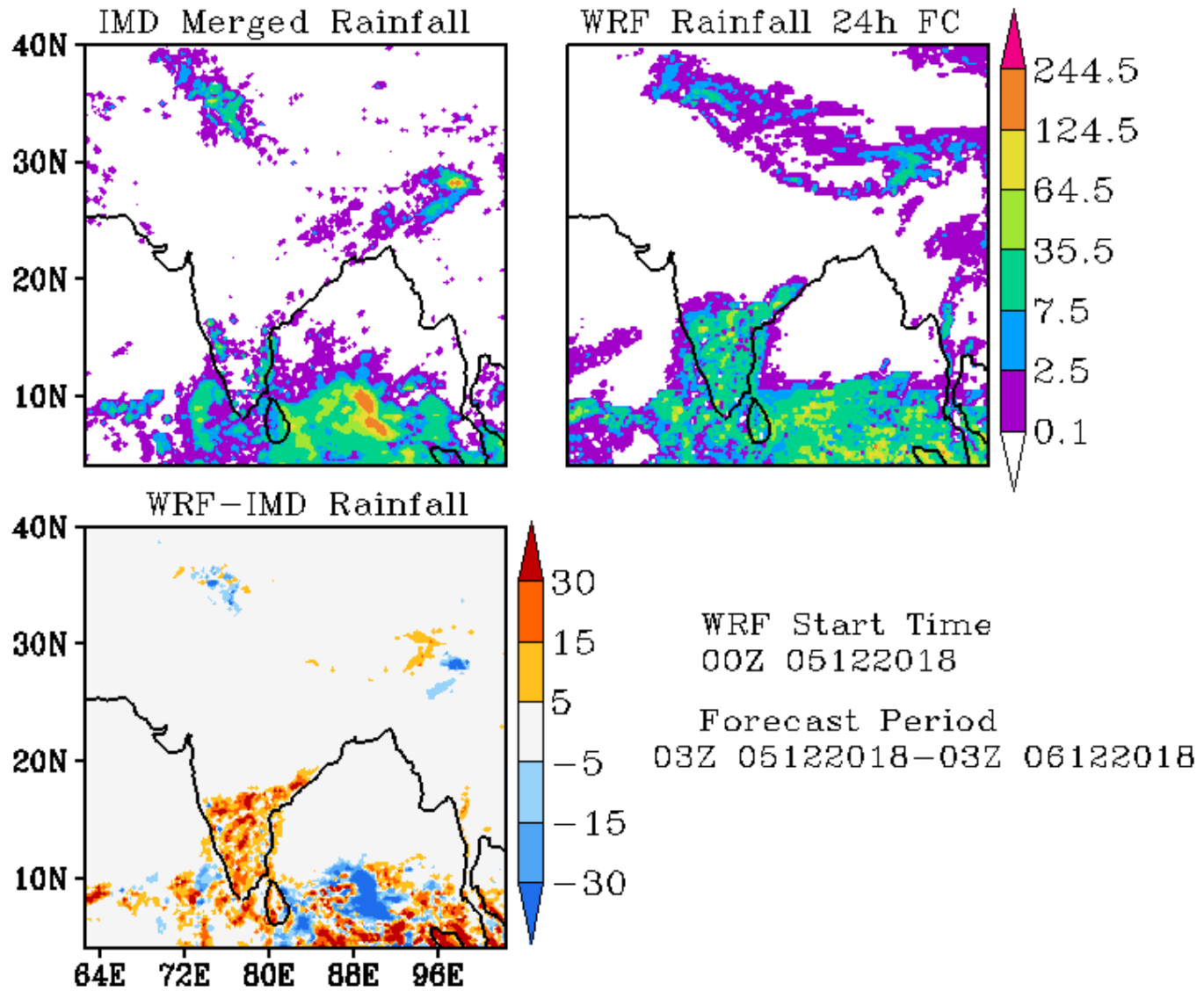


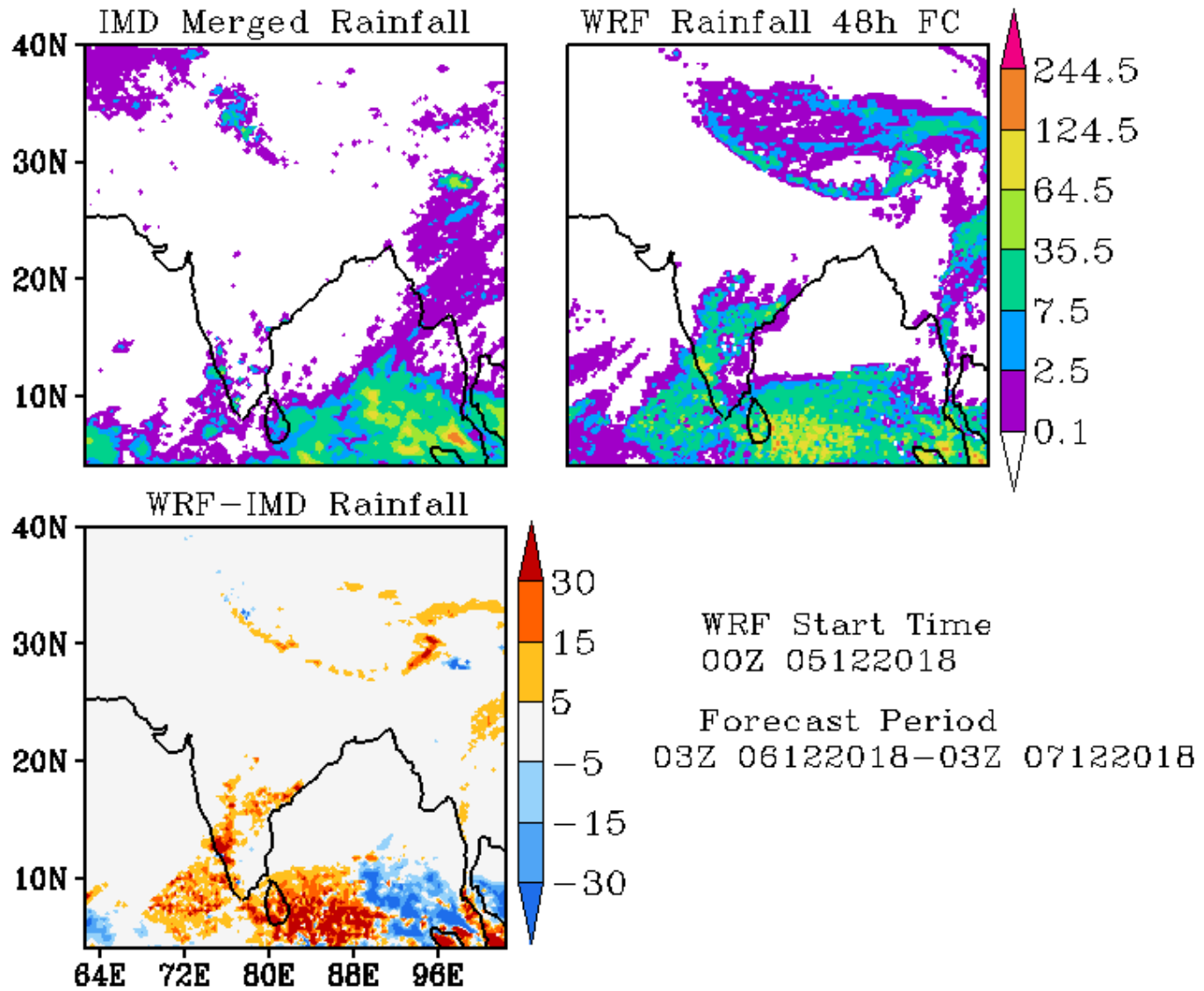


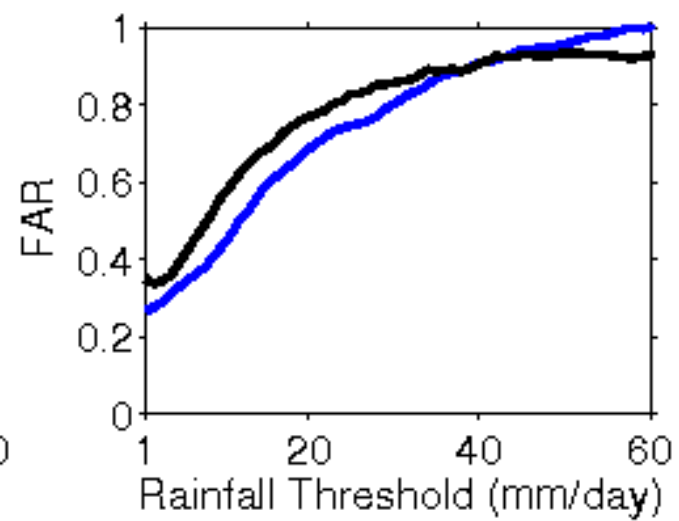
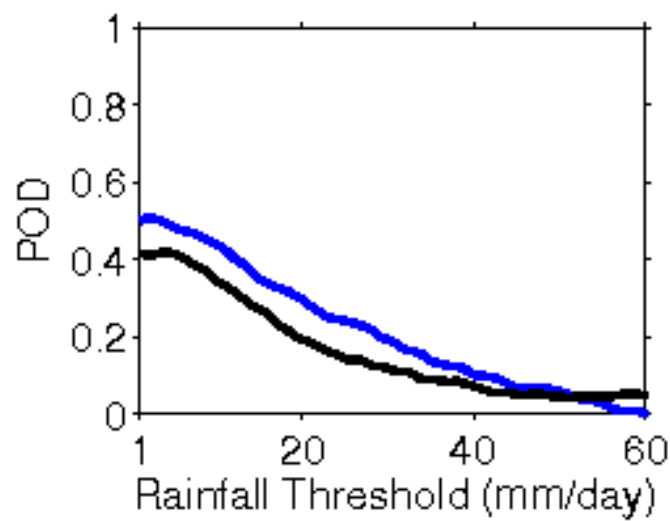
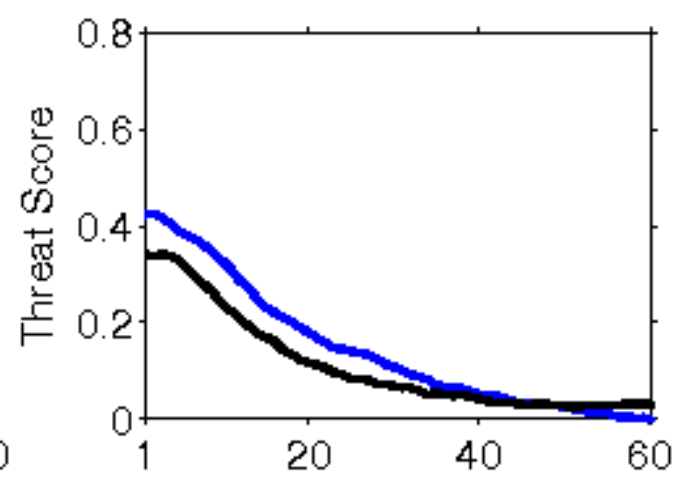
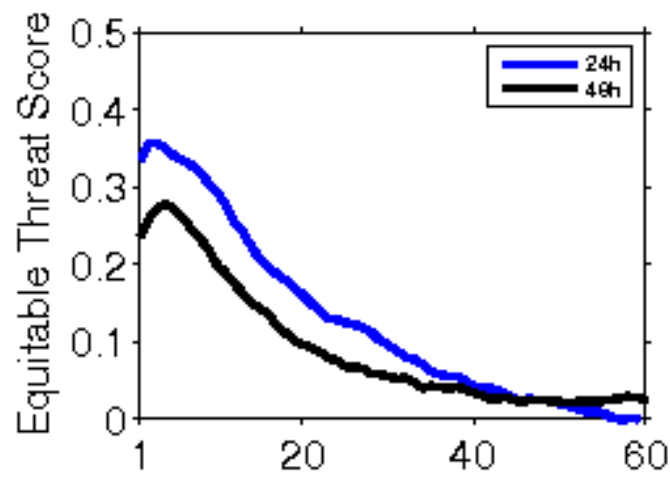


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 05-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.61(-0.74)	17.45(7.92)	1.82(0.80)
<b>48 Hour</b>	2.09(-0.68)	21.28(7.57)	2.15(1.07)
<b>72 Hour</b>	2.75(-0.53)	21.52(5.97)	2.28(1.14)

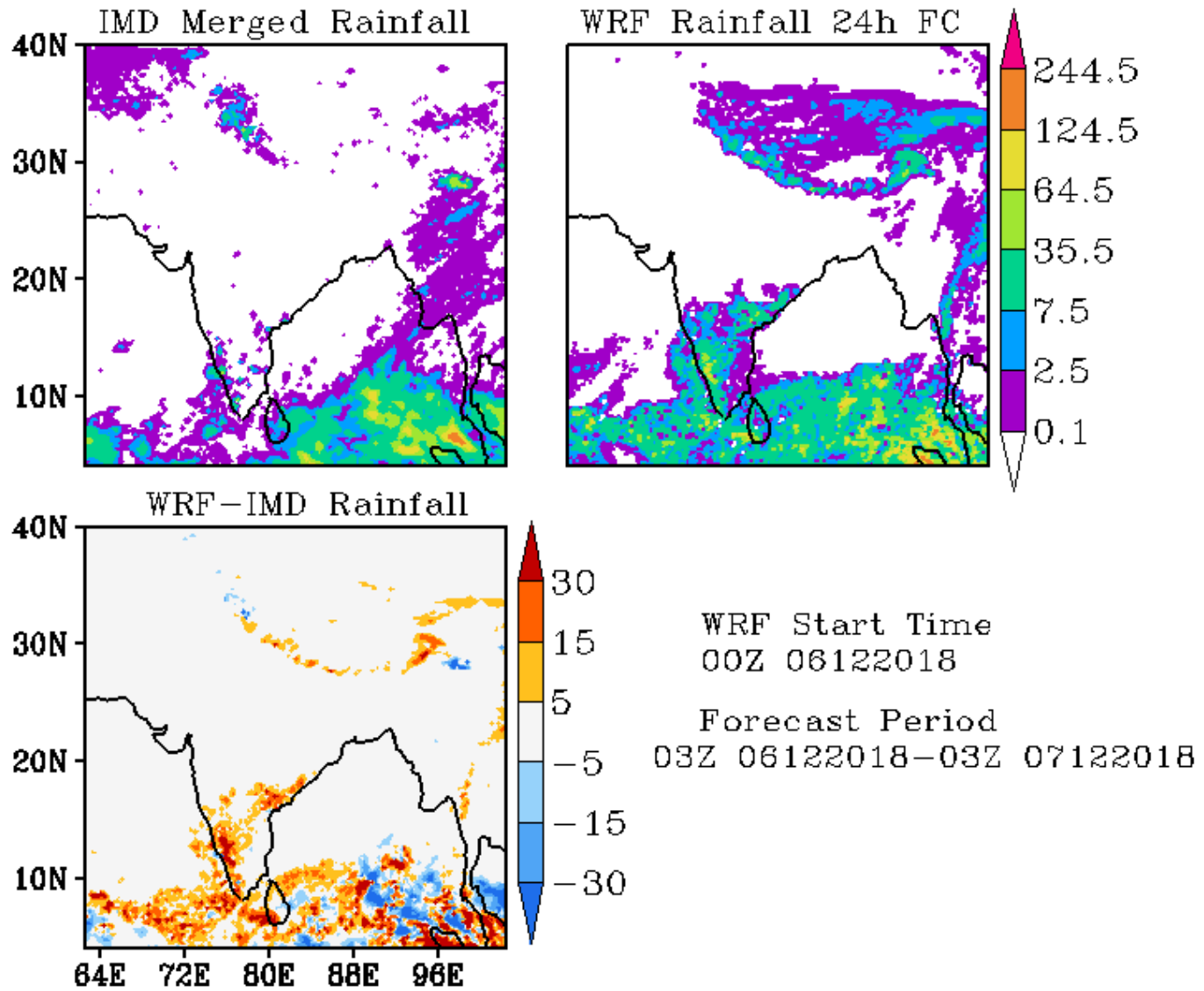




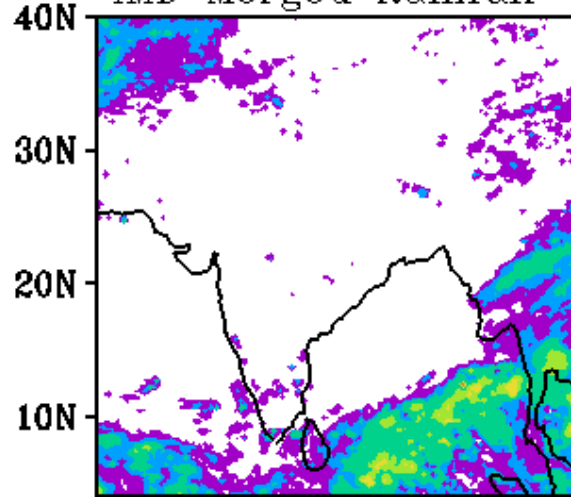


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 06-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

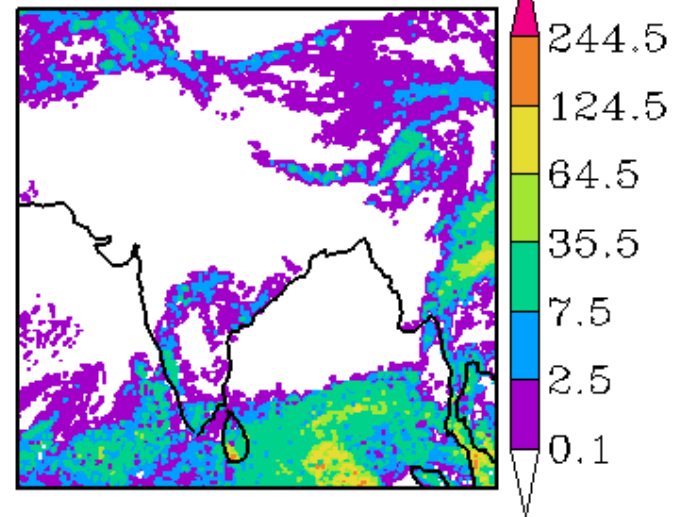
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.80(-0.71)	17.84(8.29)	1.84(0.97)
<b>48 Hour</b>	2.48(-0.49)	19.93(7.68)	2.25(1.23)
<b>72 Hour</b>	2.94(-0.51)	20.84(6.25)	2.73(1.17)



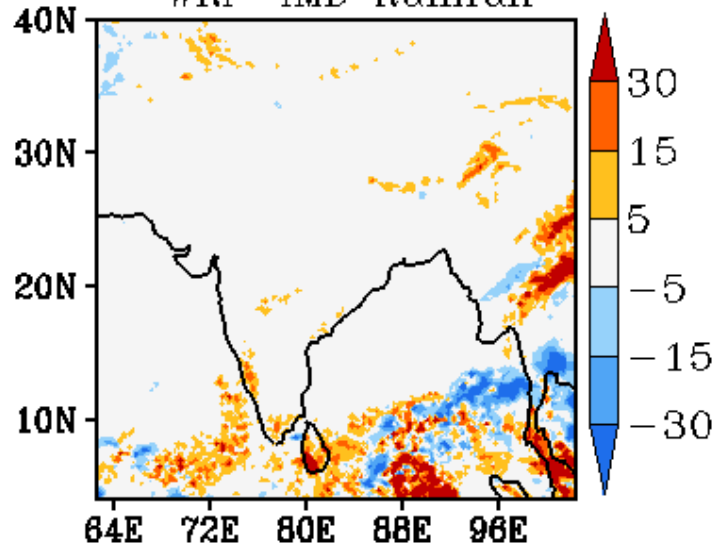
IMD Merged Rainfall



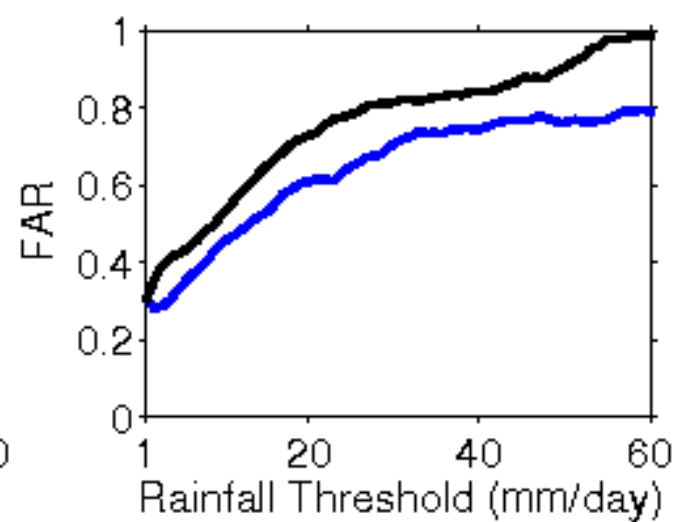
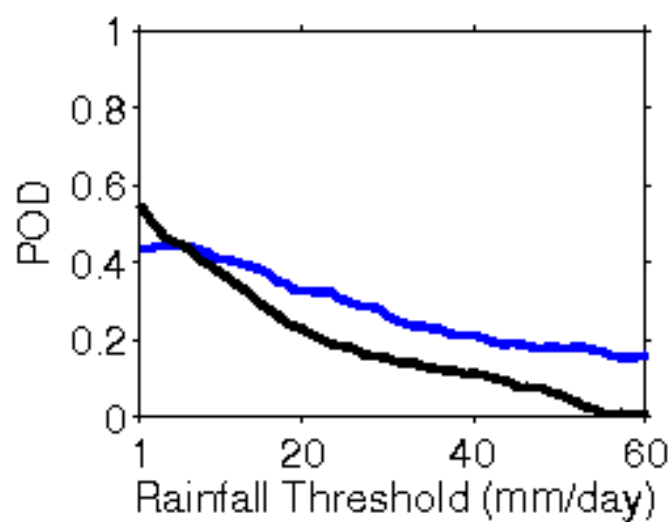
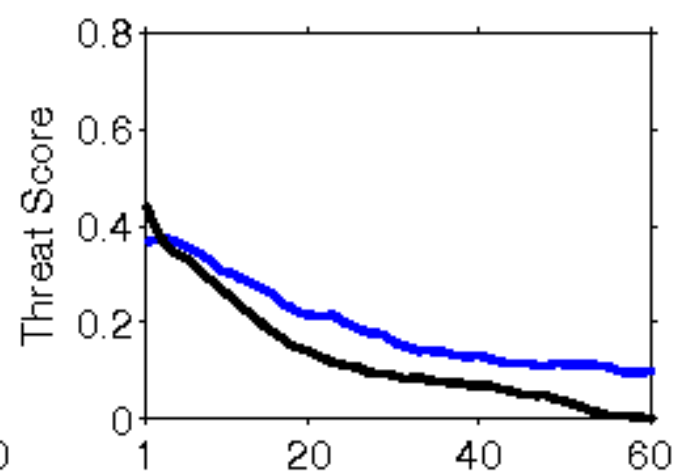
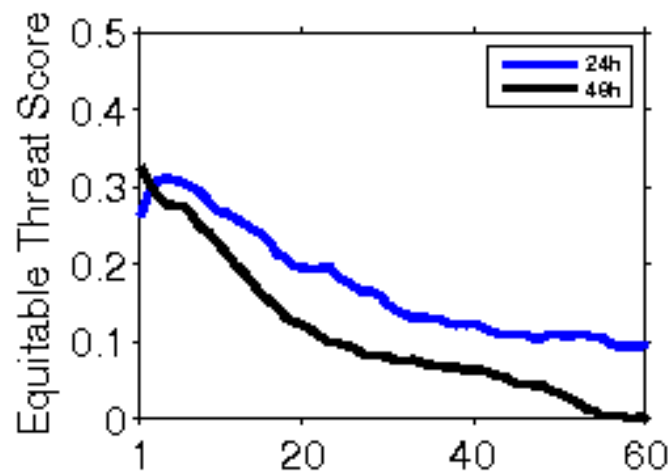
WRF Rainfall 48h FC



WRF-IMD Rainfall



WRF Start Time  
00Z 06122018  
Forecast Period  
03Z 07122018-03Z 08122018

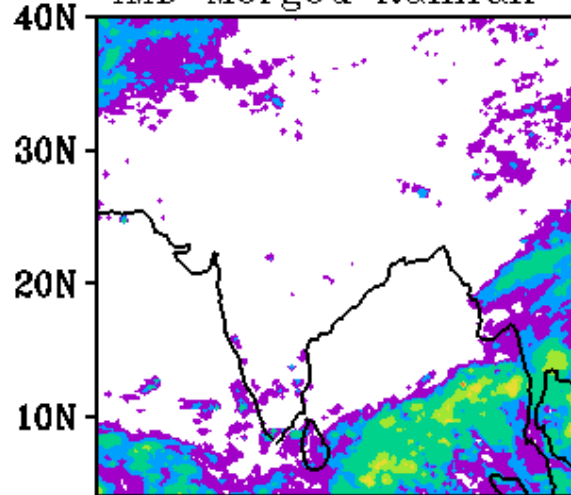




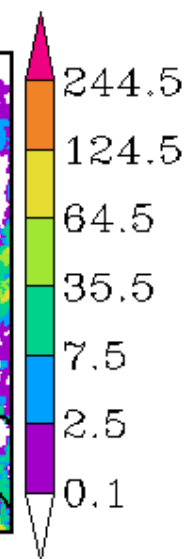
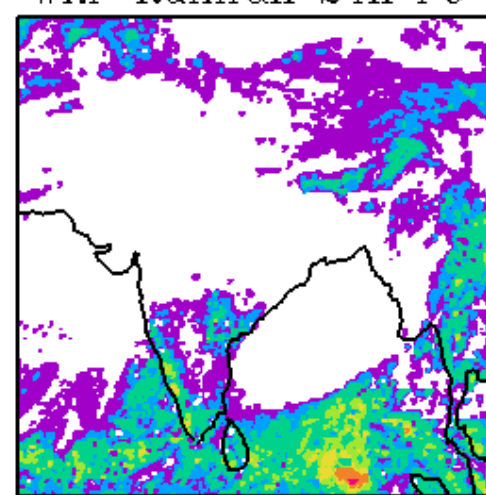
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 07-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.90(-0.92)	16.01(7.41)	1.98(0.68)
<b>48 Hour</b>	2.38(-0.68)	19.81(6.23)	2.53(0.89)
<b>72 Hour</b>	2.44(-0.54)	21.54(6.22)	2.39(0.81)

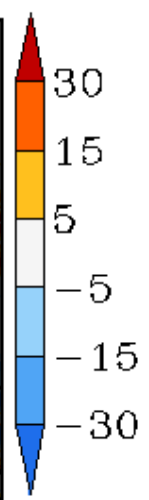
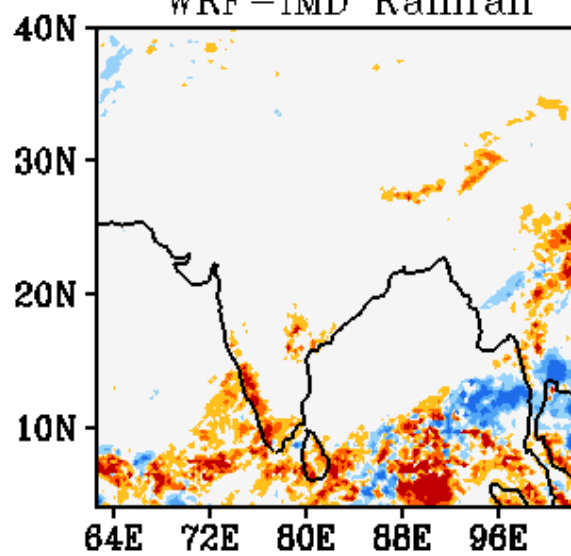
IMD Merged Rainfall



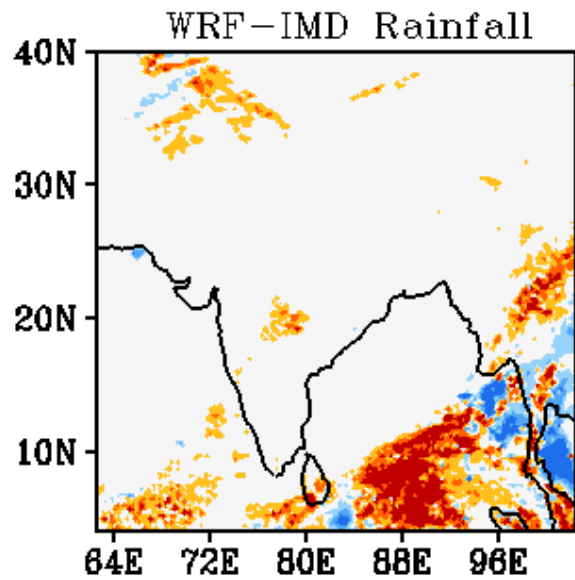
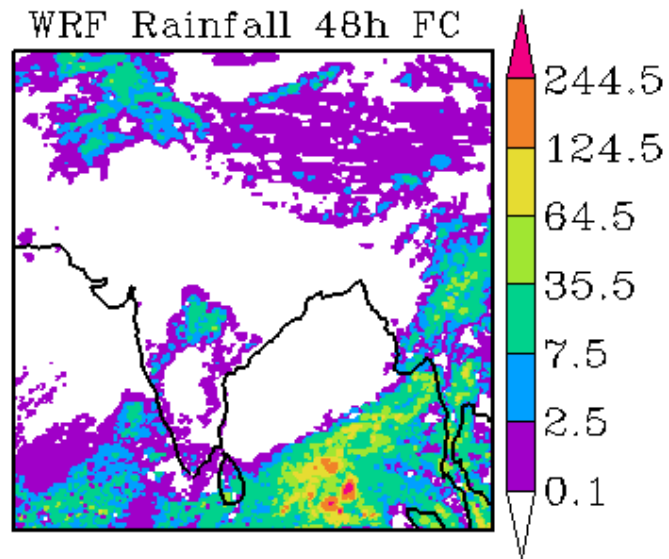
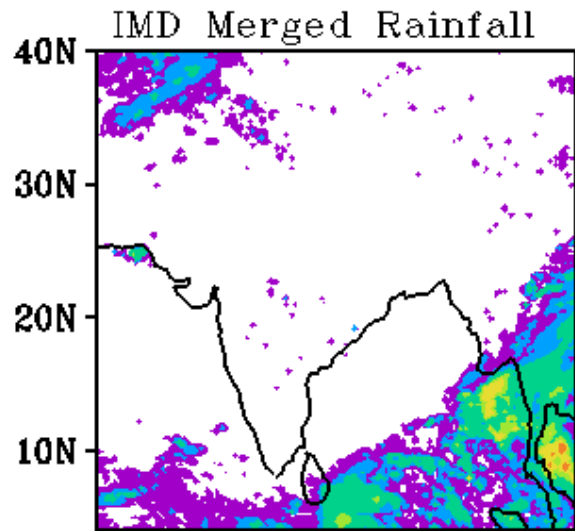
WRF Rainfall 24h FC



WRF-IMD Rainfall

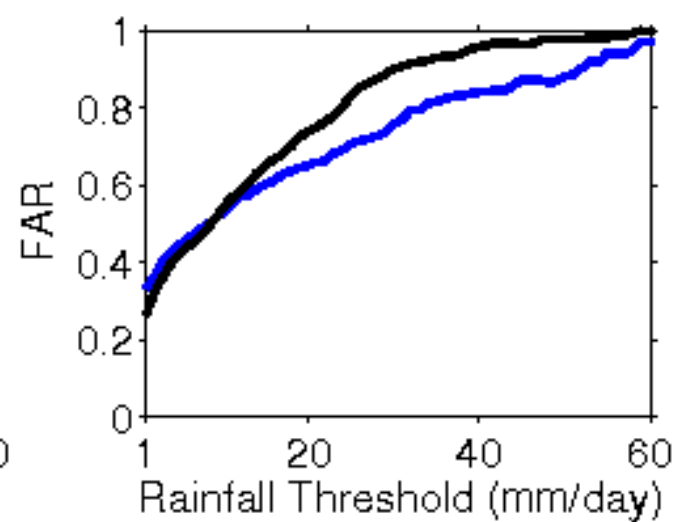
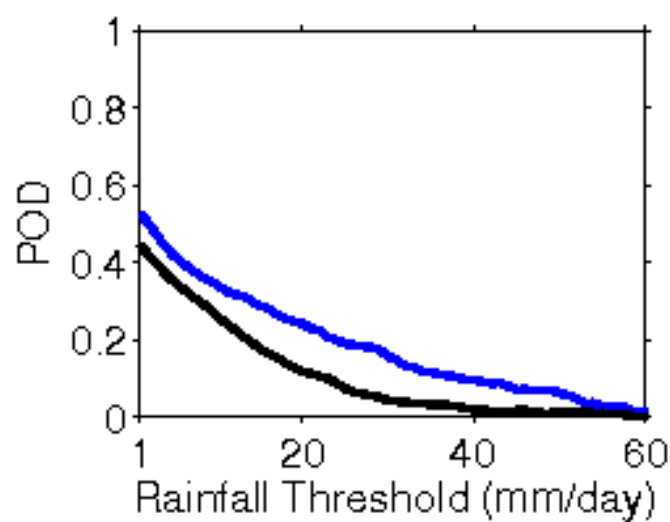
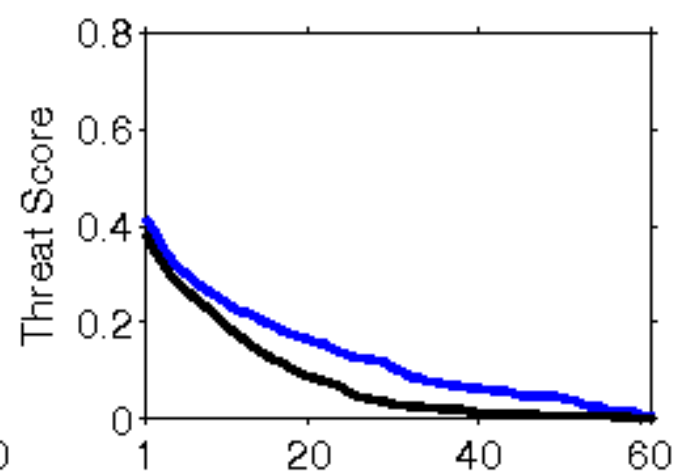
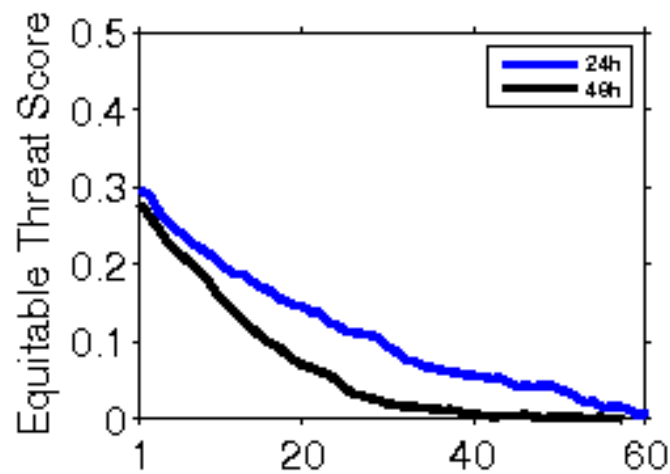


WRF Start Time  
00Z 07122018  
  
Forecast Period  
03Z 07122018-03Z 08122018



WRF Start Time  
00Z 07122018

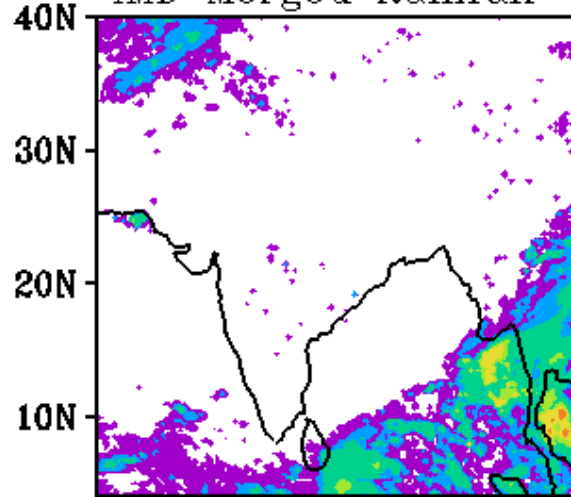
Forecast Period  
03Z 08122018-03Z 09122018



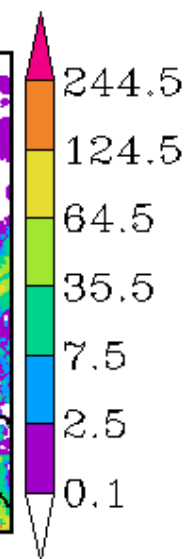
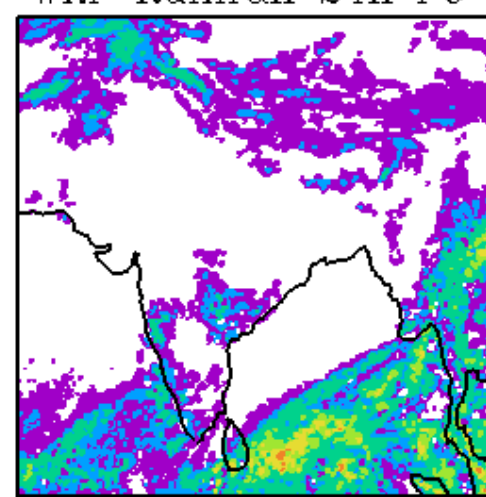
**Error Statistics in Surface Meteorological Parameter**  
**Validation Time 0000 UTC 08-12-18**  
**Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.78(-0.60)	17.17(8.96)	2.01(1.01)
<b>48 Hour</b>	1.85(-0.49)	20.77(8.20)	2.20(1.09)
<b>72 Hour</b>	2.20(-0.26)	23.93(7.30)	2.32(1.07)

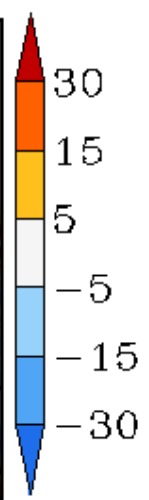
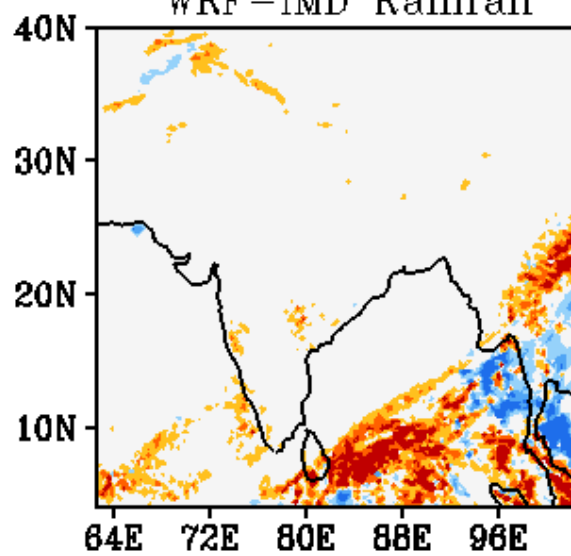
IMD Merged Rainfall



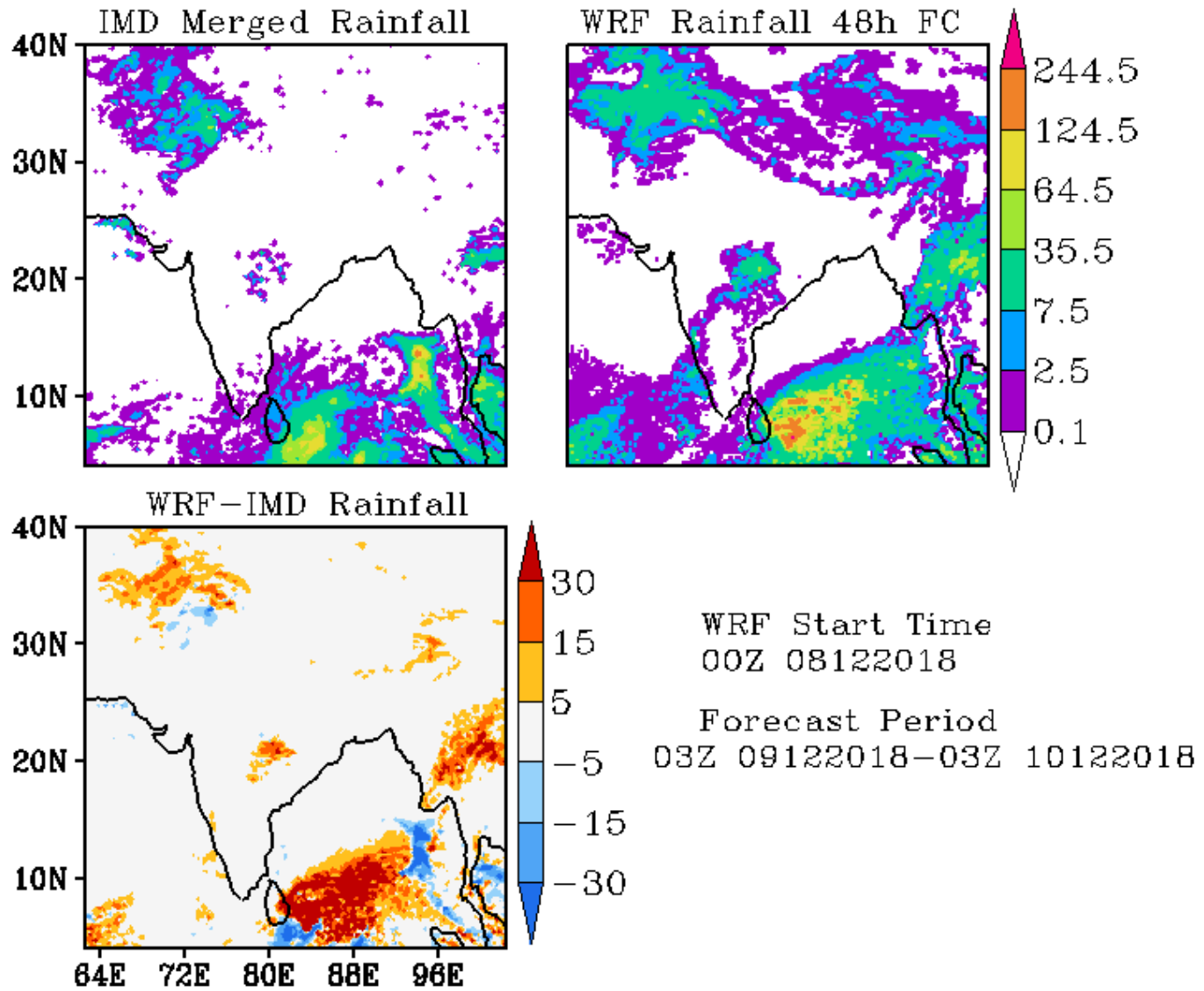
WRF Rainfall 24h FC

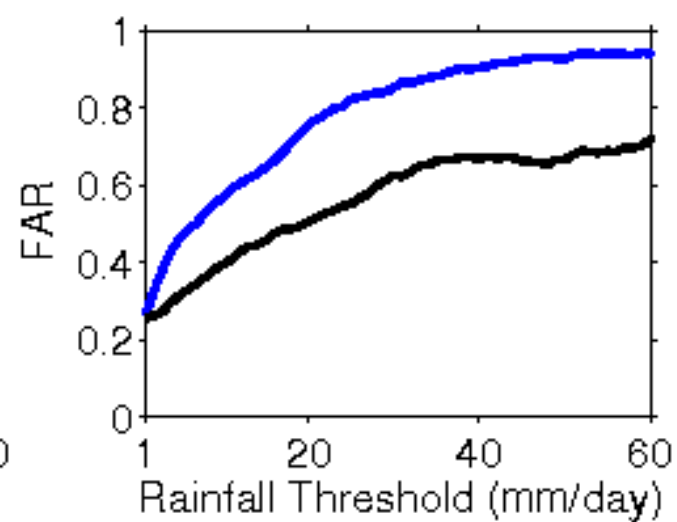
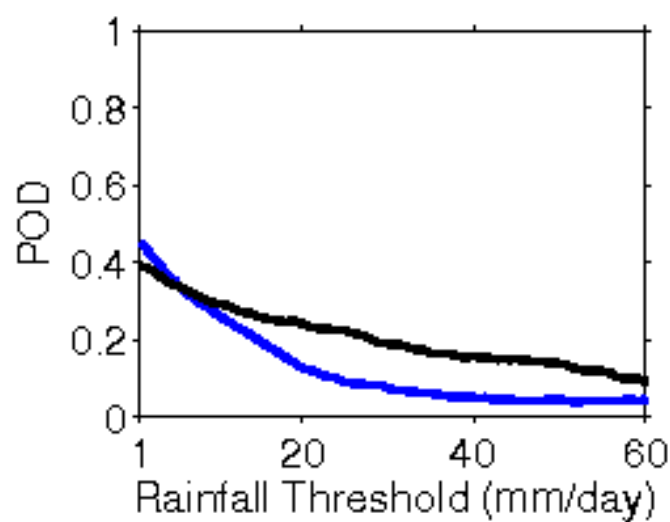
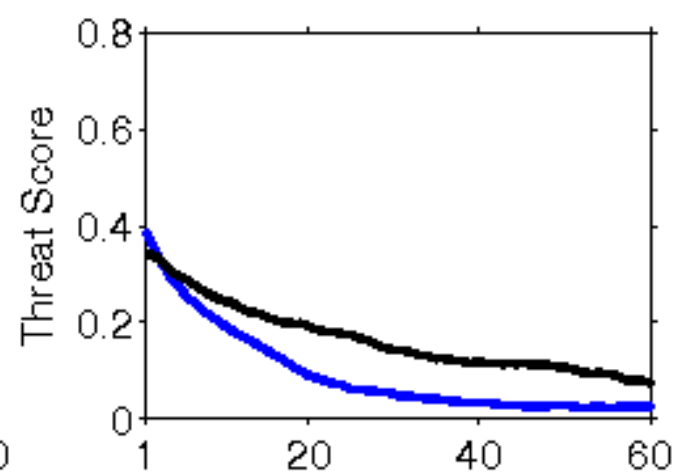
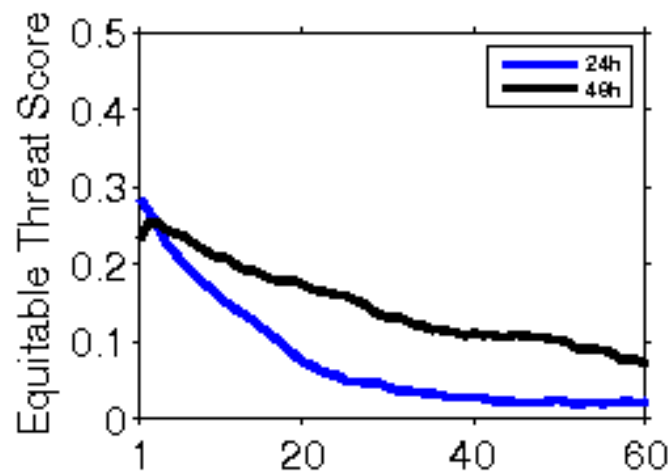


WRF-IMD Rainfall



WRF Start Time  
00Z 08122018  
  
Forecast Period  
03Z 08122018-03Z 09122018

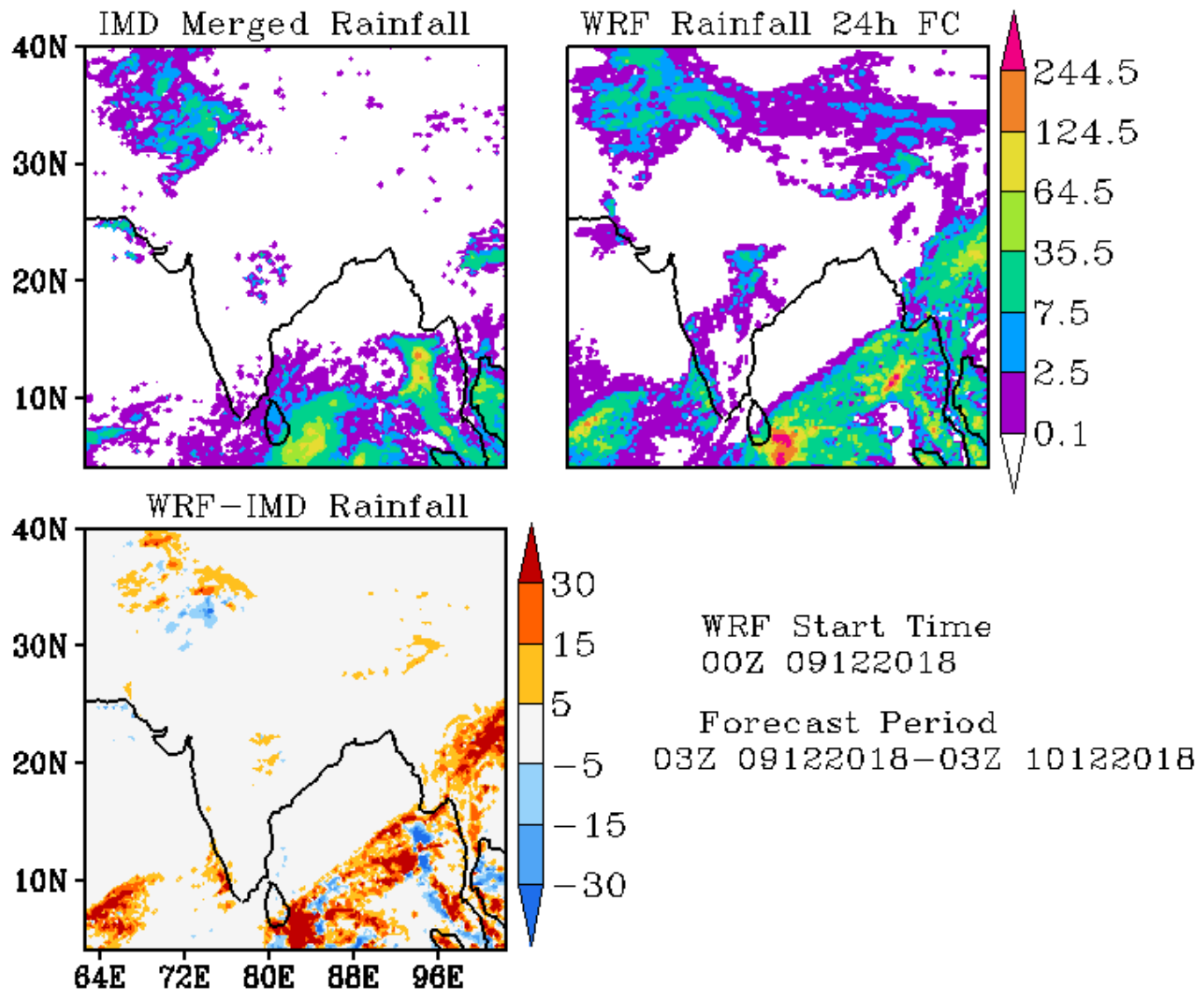


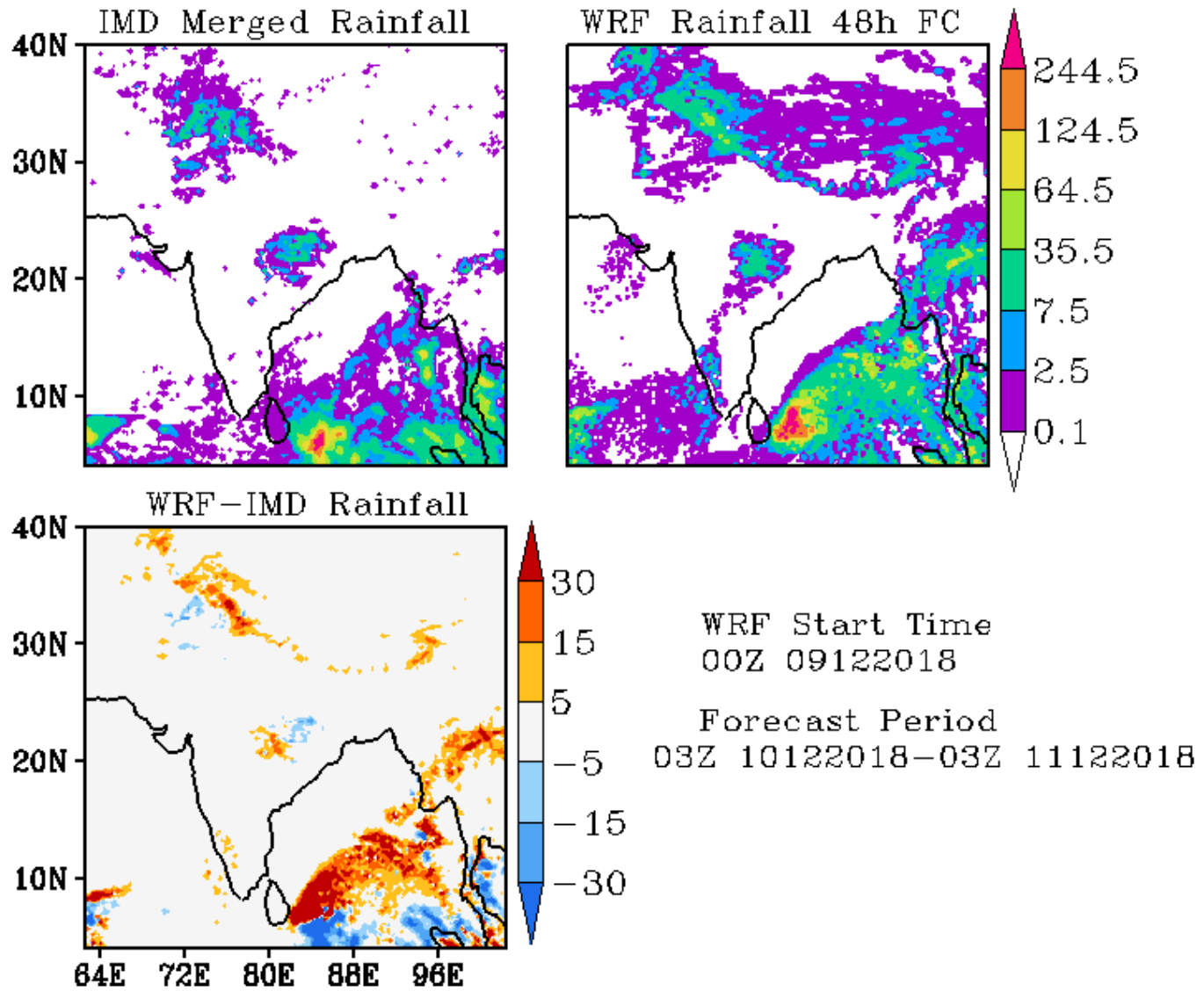


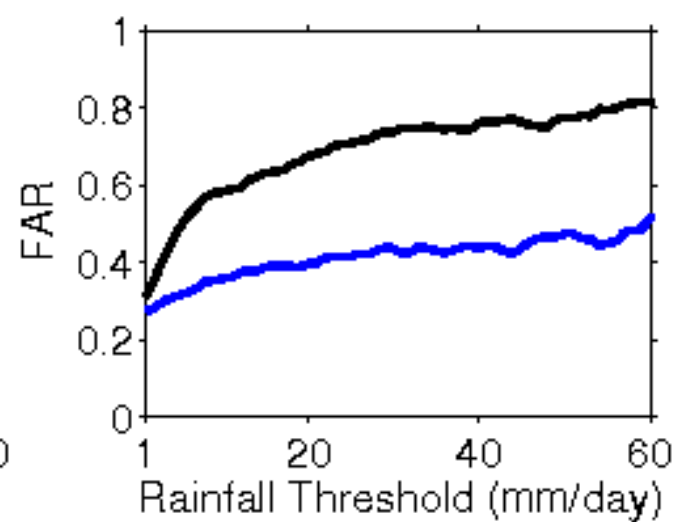
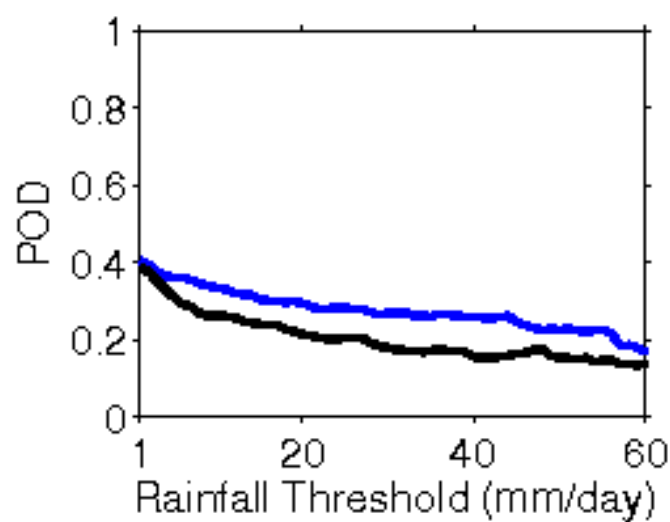
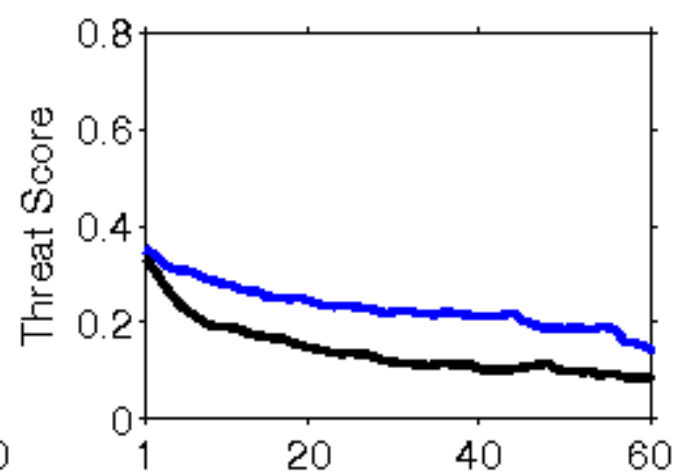
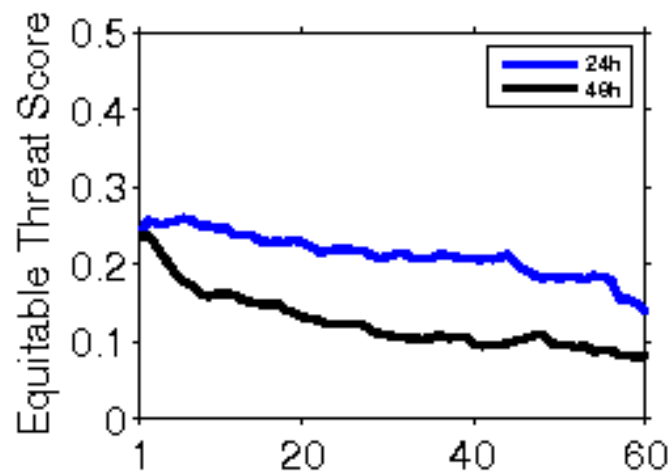


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 09-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.72(-0.60)	16.62(8.25)	1.99(1.00)
<b>48 Hour</b>	2.07(-0.24)	19.77(7.83)	2.12(1.17)
<b>72 Hour</b>	2.71(-0.24)	22.85(6.38)	2.46(0.97)

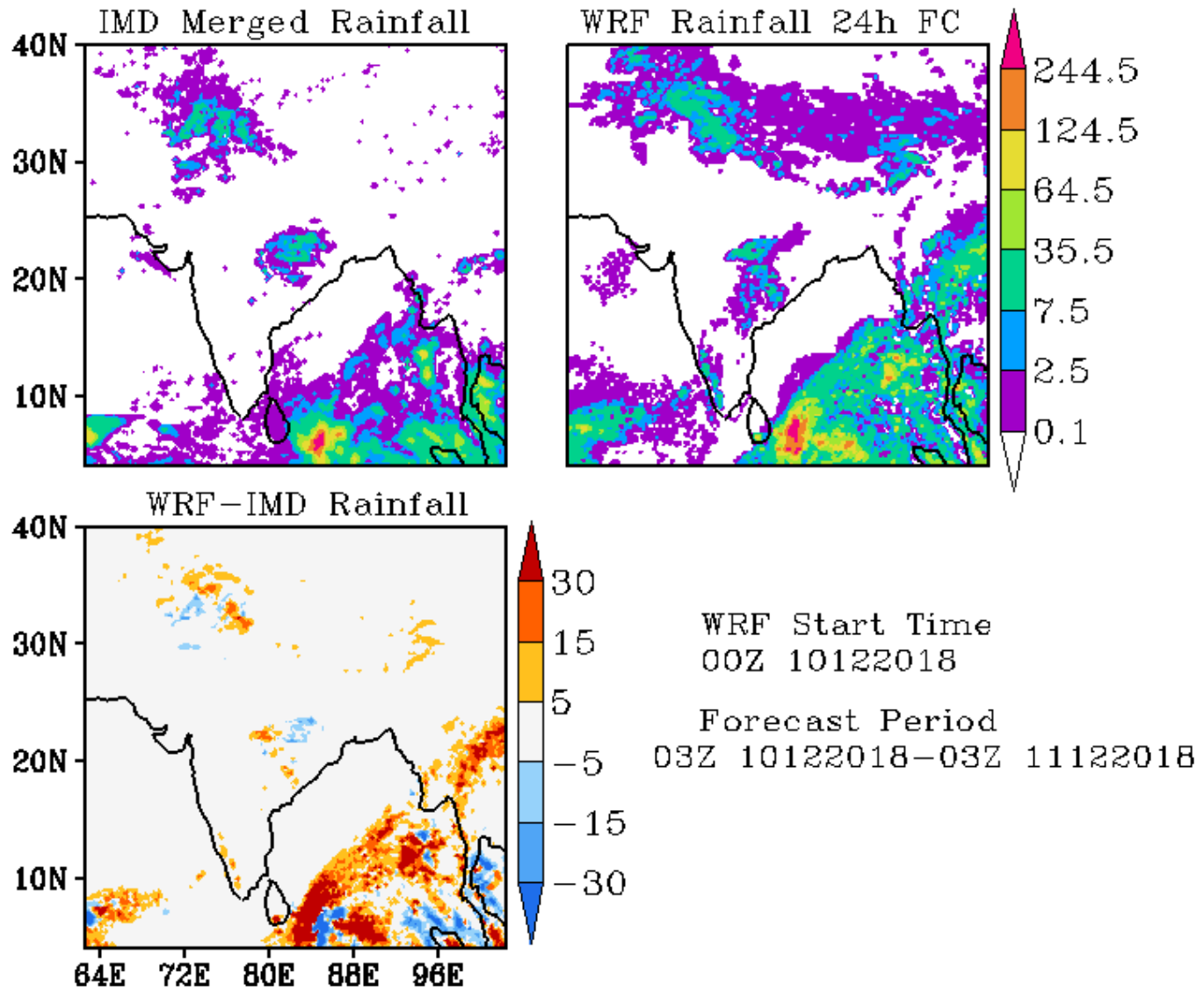




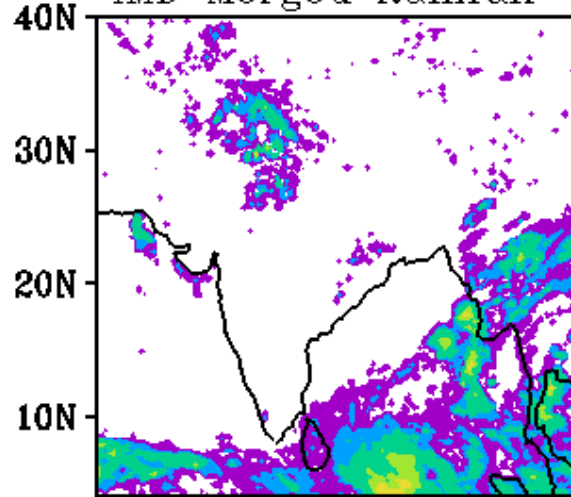


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 10-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

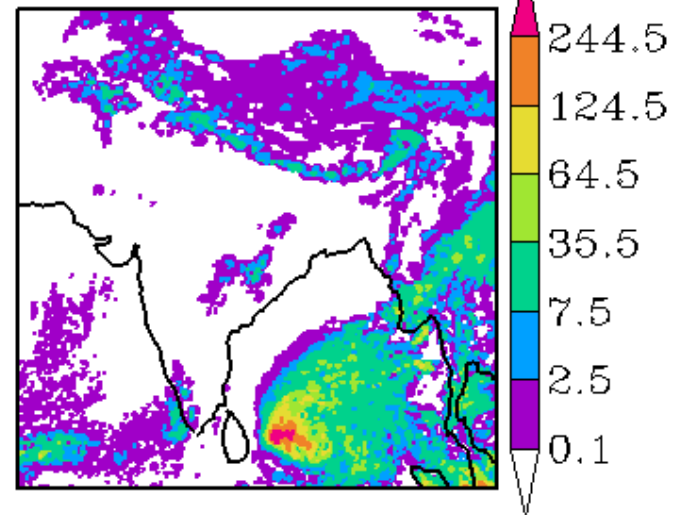
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.64(-0.63)	16.64(7.90)	1.82(0.87)
<b>48 Hour</b>	2.42(-0.43)	20.55(7.87)	2.15(1.21)
<b>72 Hour</b>	2.78(-0.20)	20.70(7.06)	2.66(1.26)



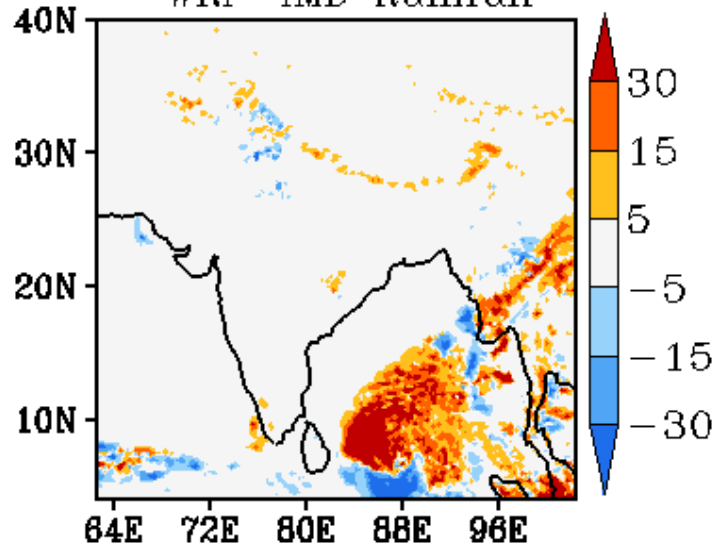
IMD Merged Rainfall



WRF Rainfall 48h FC

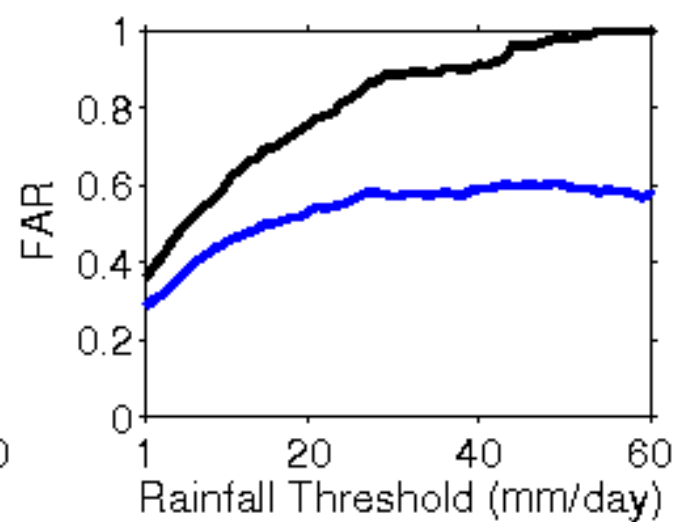
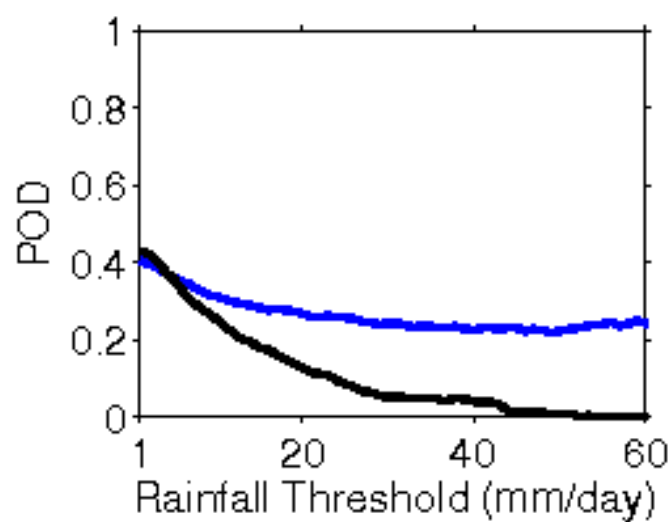
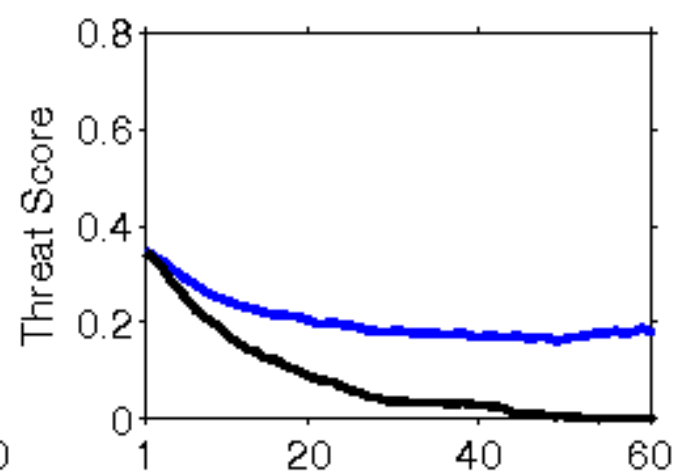
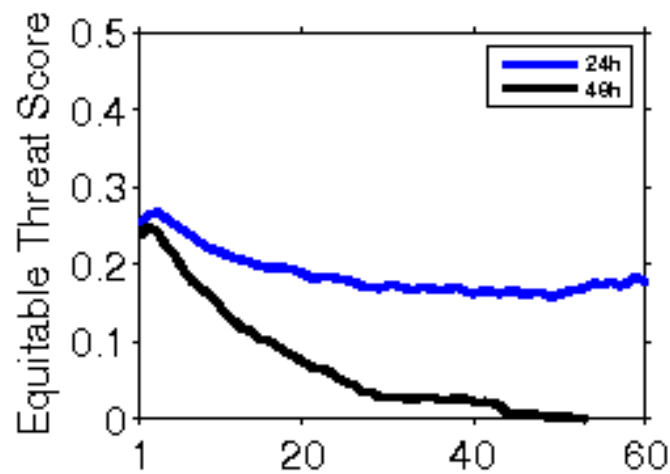


WRF-IMD Rainfall



WRF Start Time  
00Z 10122018

Forecast Period  
03Z 11122018-03Z 12122018

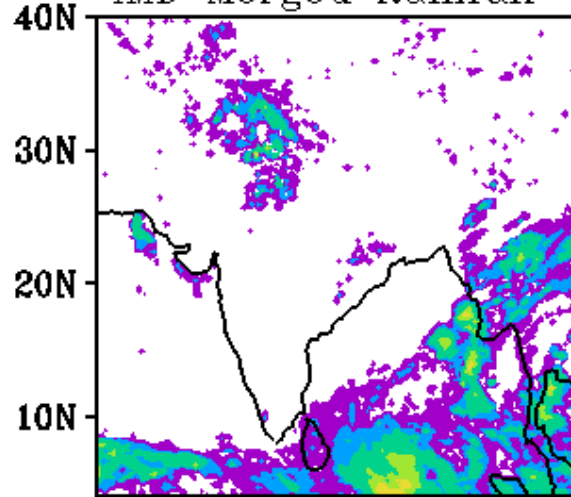




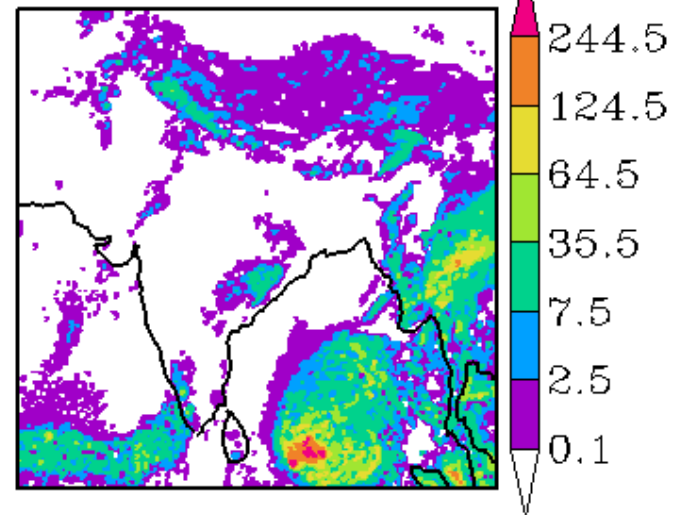
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 11-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	2.11(-1.07)	17.48(7.85)	1.82(0.82)
<b>48 Hour</b>	2.41(-0.77)	18.91(8.45)	2.25(0.99)
<b>72 Hour</b>	2.88(-0.51)	21.47(8.53)	3.02(1.26)

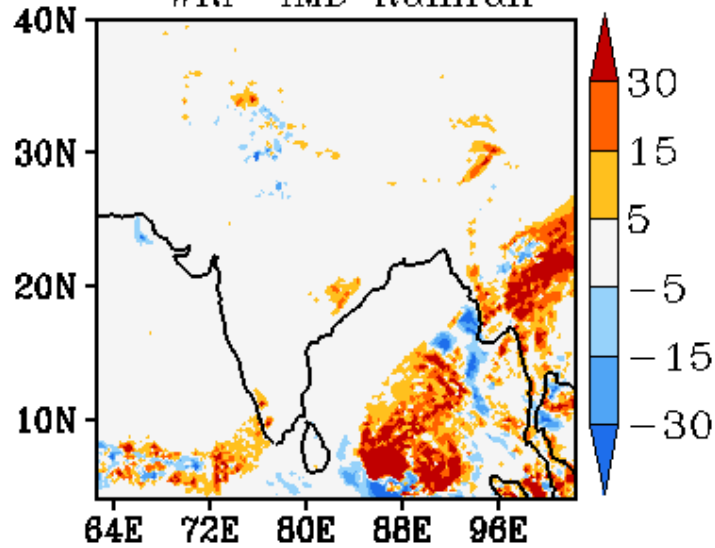
IMD Merged Rainfall



WRF Rainfall 24h FC

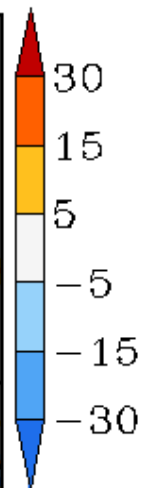
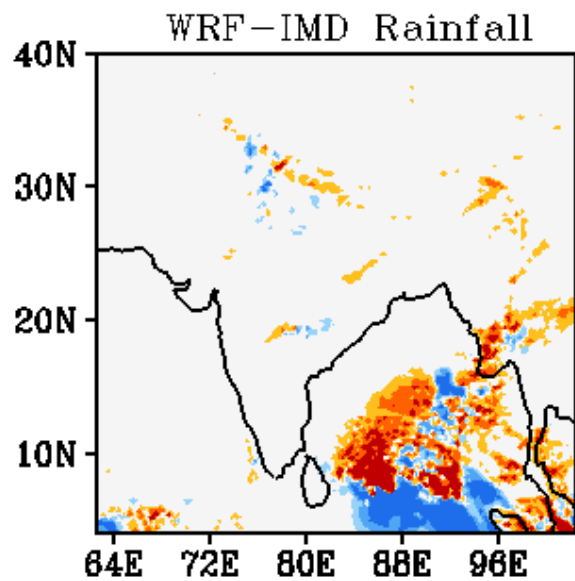
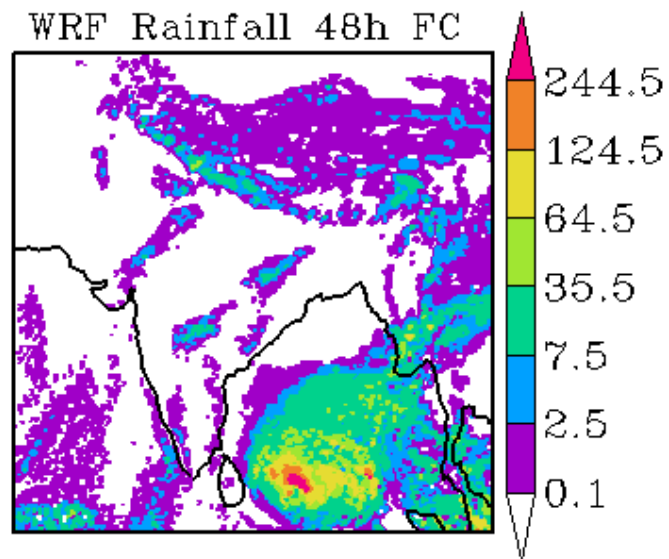
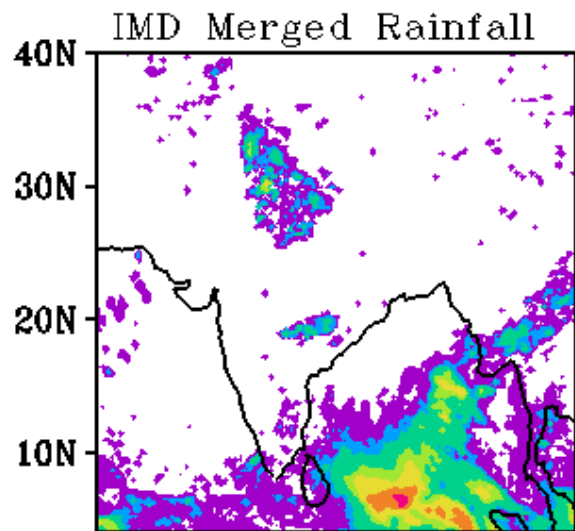


WRF-IMD Rainfall



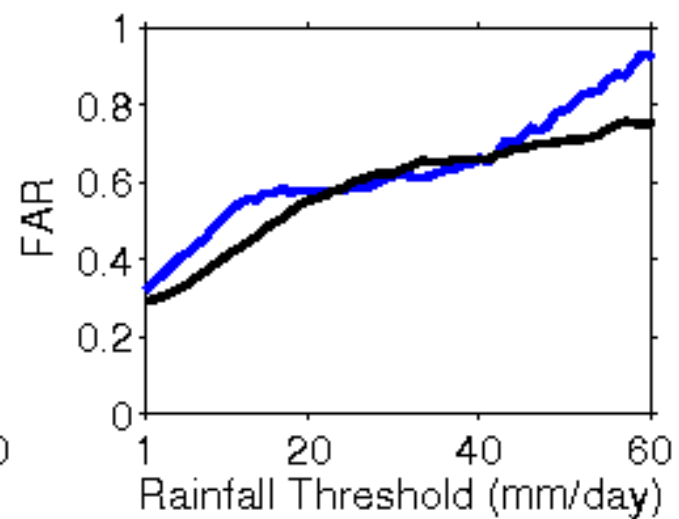
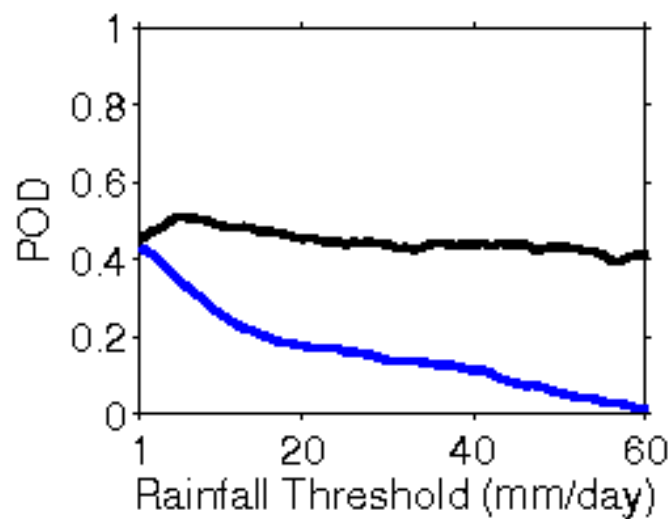
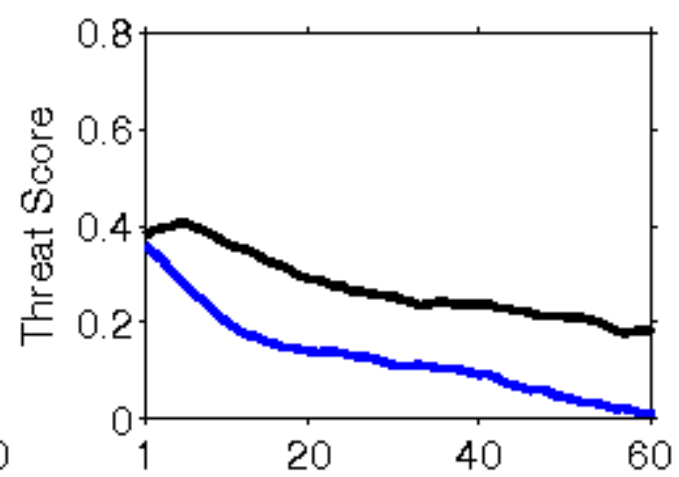
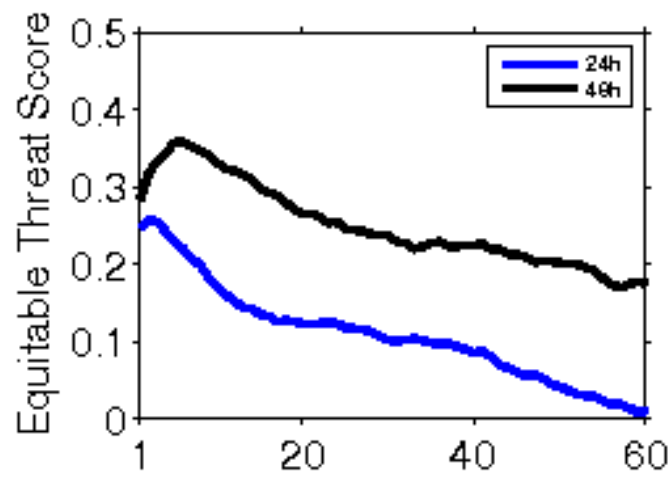
WRF Start Time  
00Z 11122018

Forecast Period  
03Z 11122018-03Z 12122018



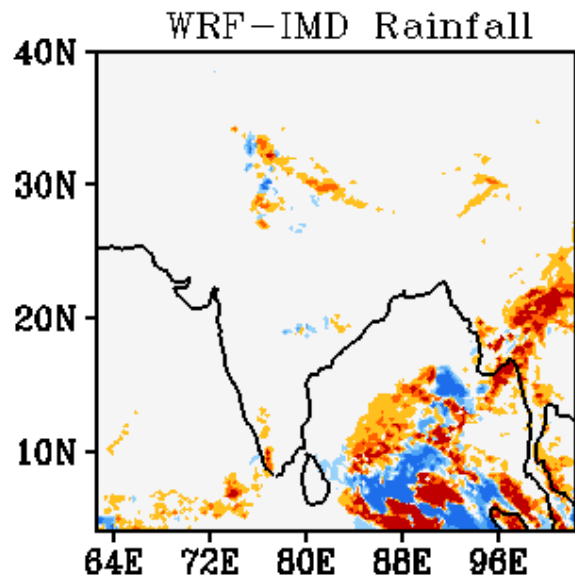
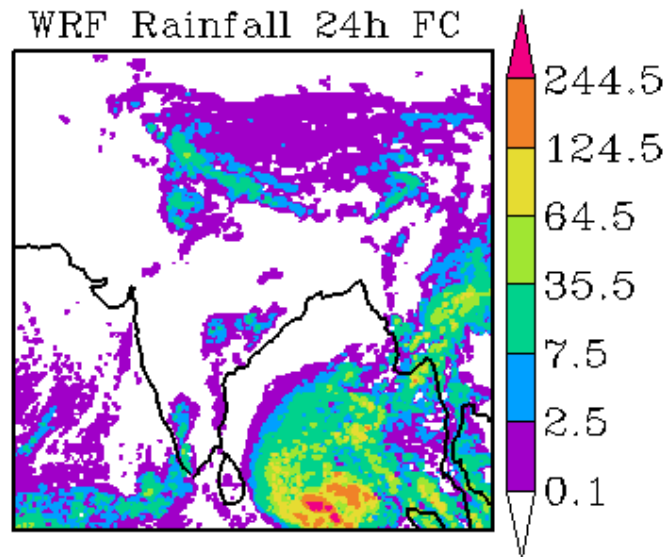
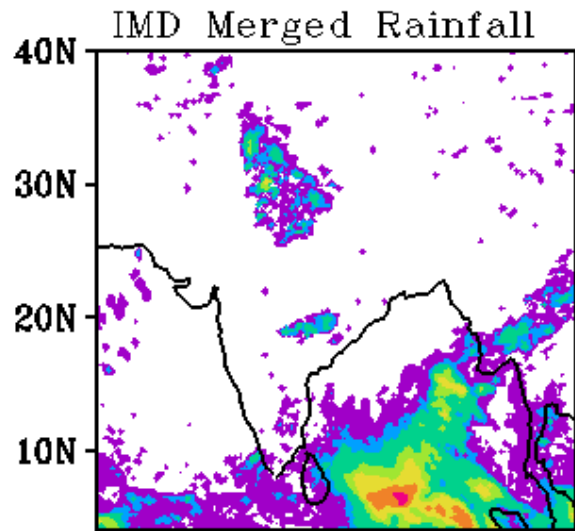
WRF Start Time  
00Z 11122018

Forecast Period  
03Z 12122018-03Z 13122018



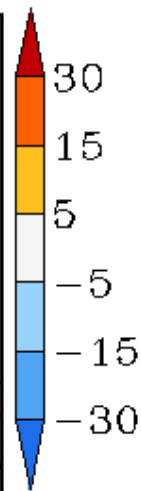
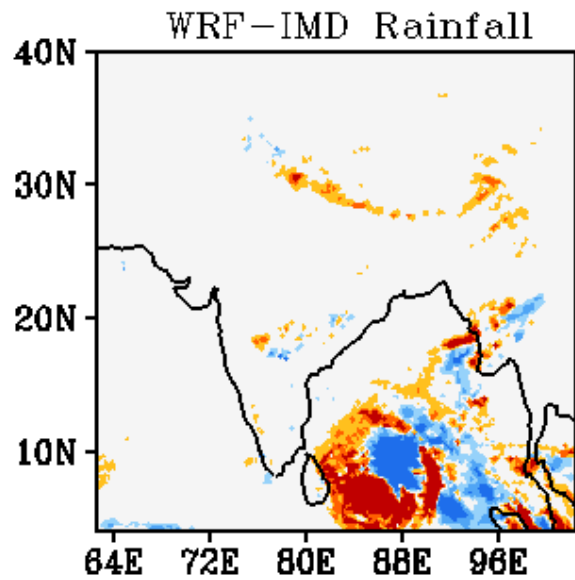
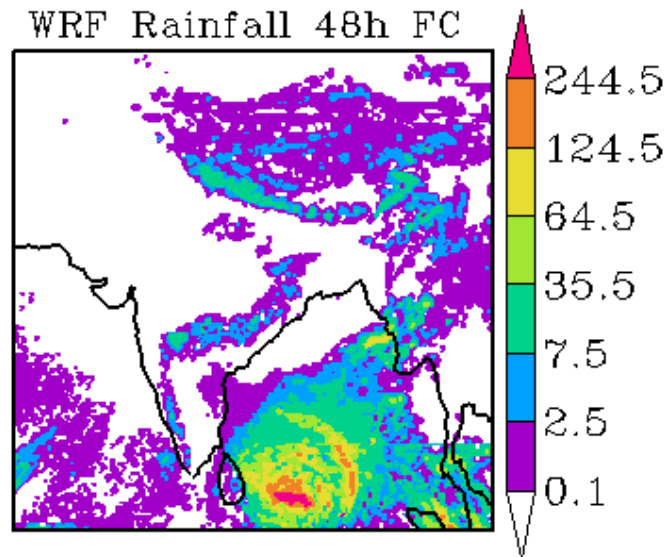
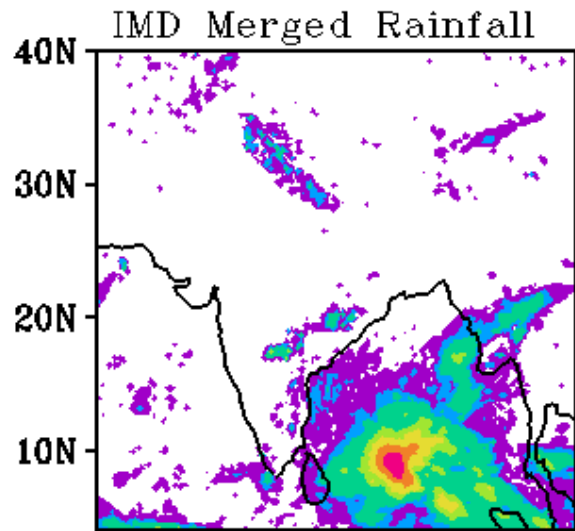
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 12-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.92(-0.84)	15.18(6.38)	1.84(0.80)
<b>48 Hour</b>	2.34(-0.75)	17.93(5.23)	2.67(1.24)
<b>72 Hour</b>	2.91(-0.33)	20.14(5.00)	3.42(1.31)



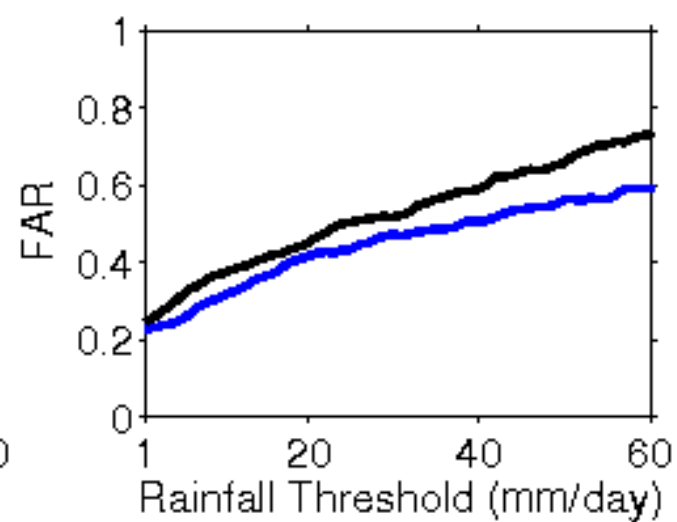
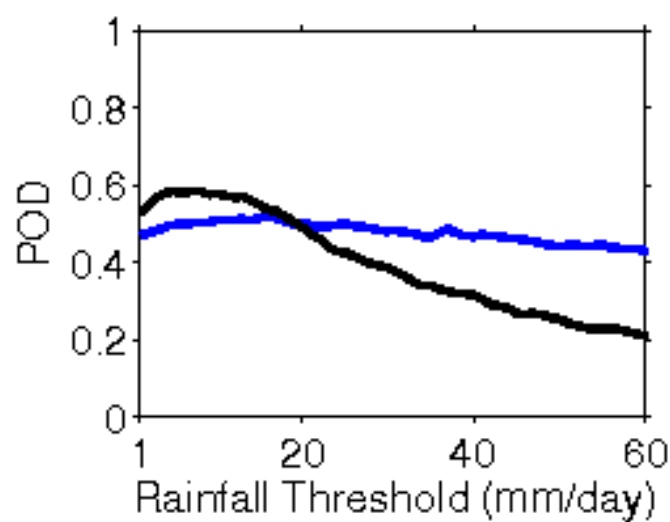
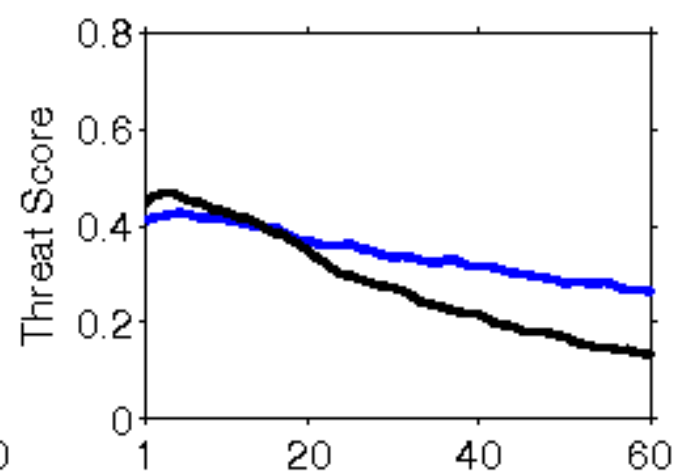
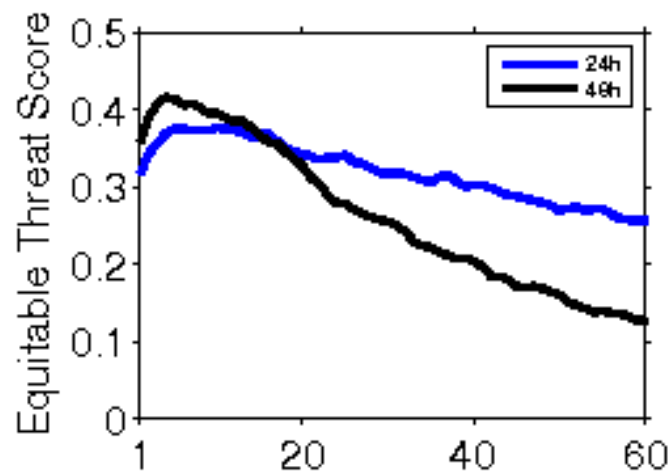
WRF Start Time  
00Z 12122018

Forecast Period  
03Z 12122018-03Z 13122018



WRF Start Time  
00Z 12122018

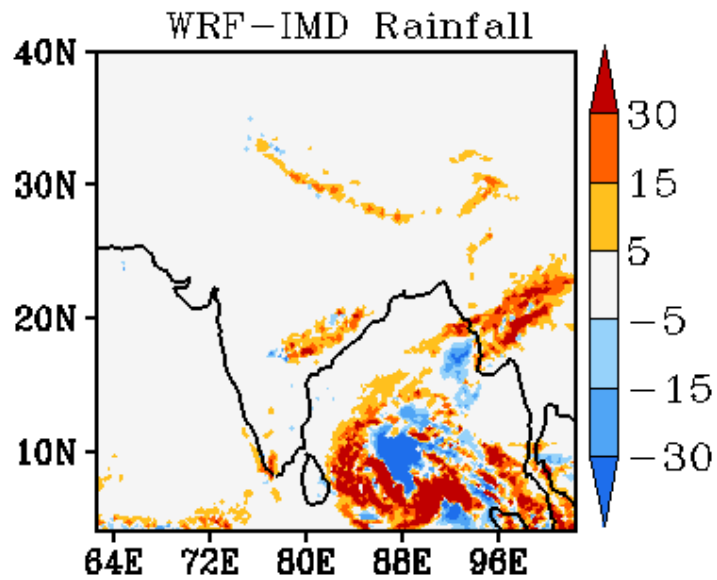
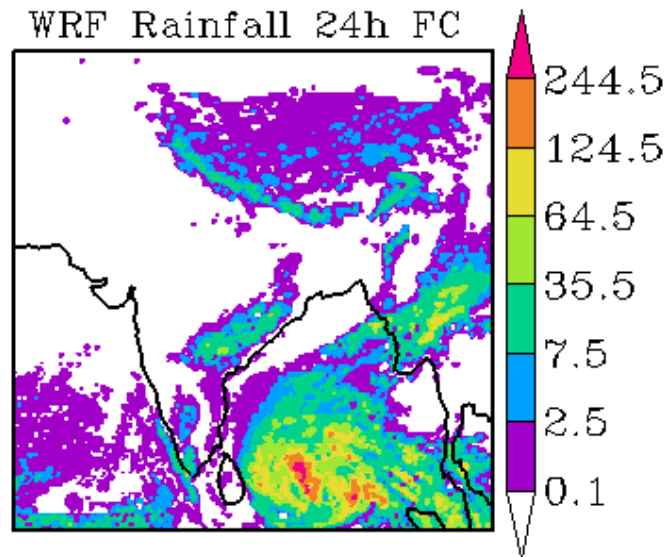
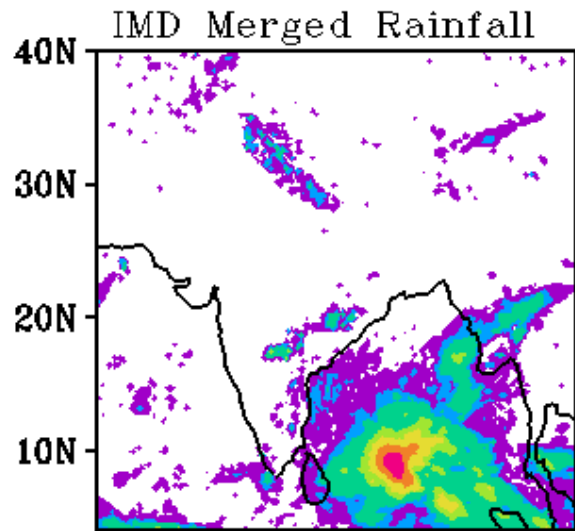
Forecast Period  
03Z 13122018-03Z 14122018





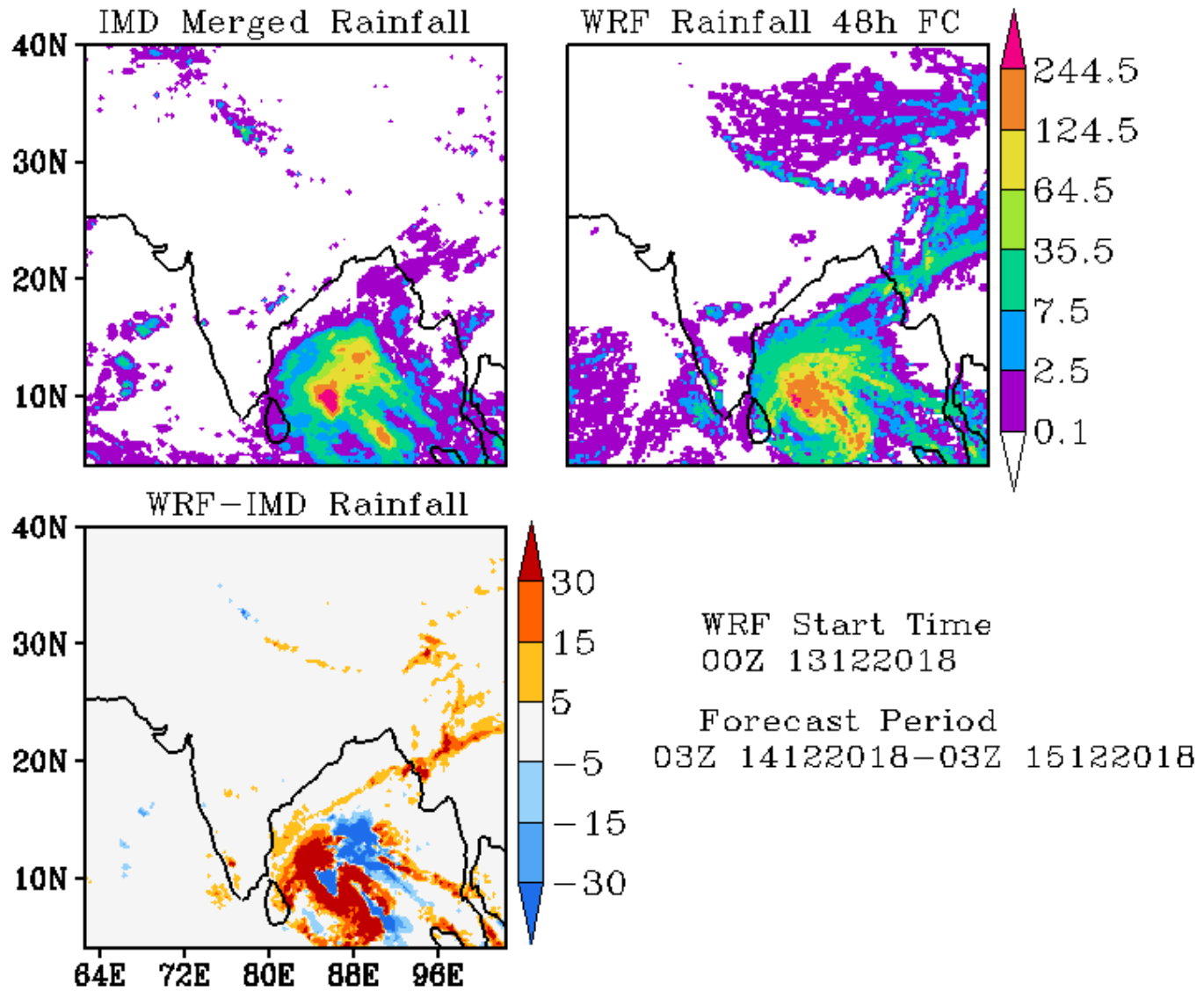
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 13-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

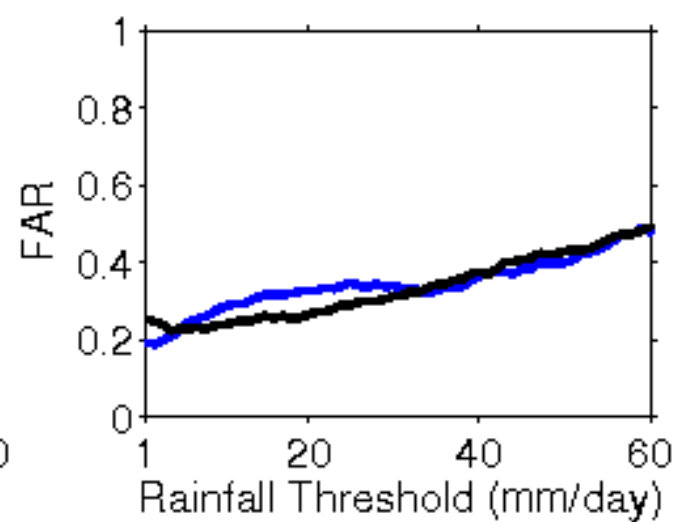
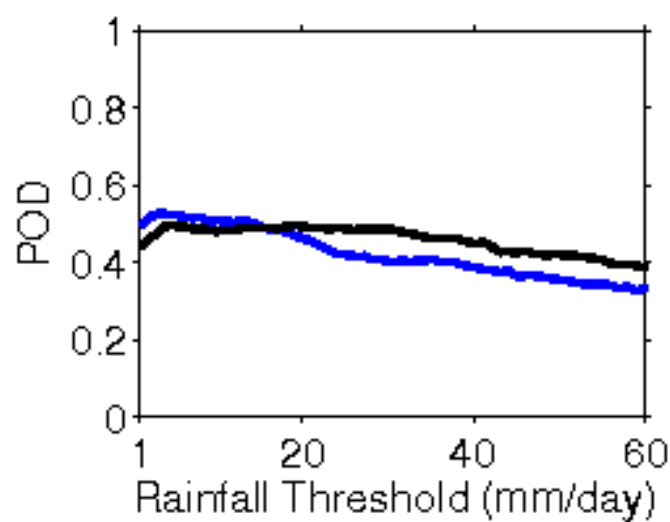
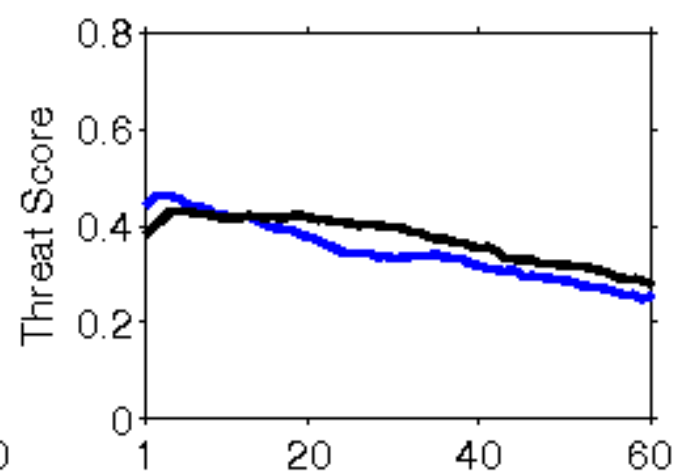
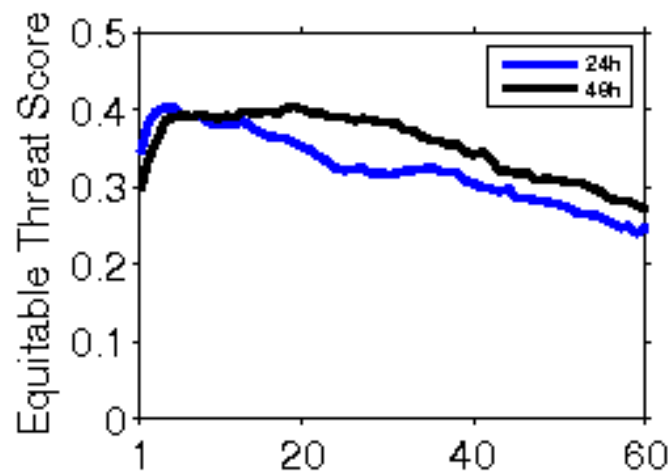
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.94(-0.88)	15.83(6.99)	1.94(0.94)
<b>48 Hour</b>	2.67(-0.68)	17.81(5.70)	2.64(1.39)
<b>72 Hour</b>	3.11(-0.48)	19.89(4.15)	3.40(1.61)



WRF Start Time  
00Z 13122018

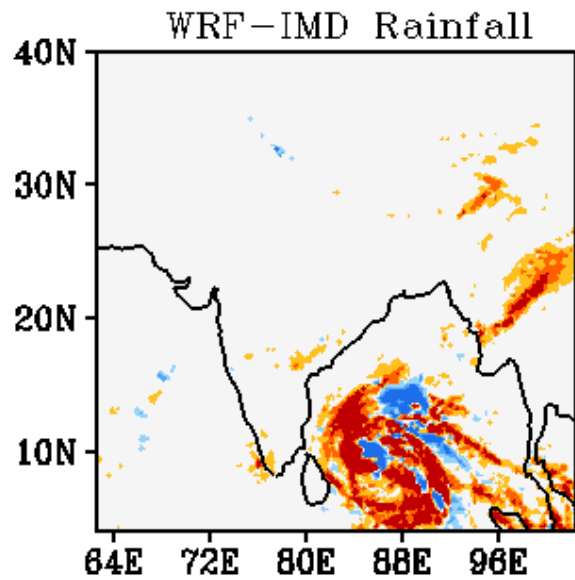
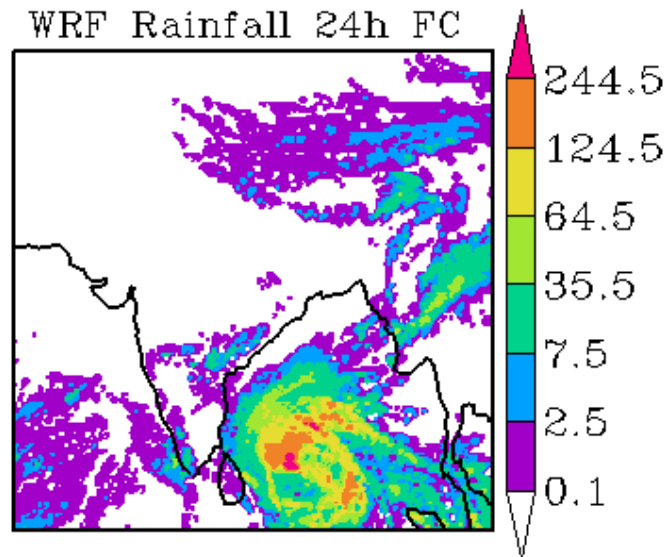
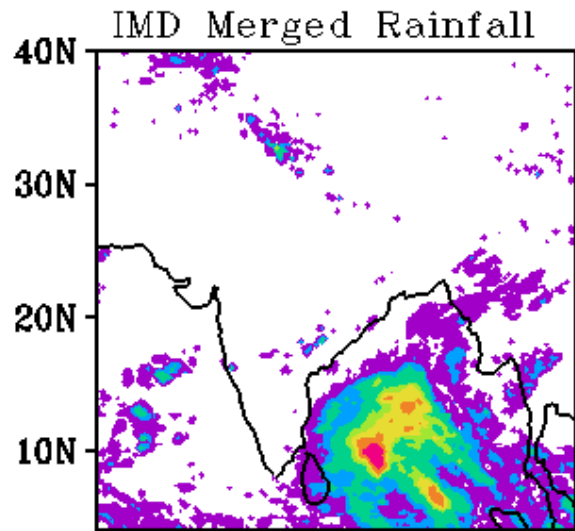
Forecast Period  
03Z 13122018-03Z 14122018





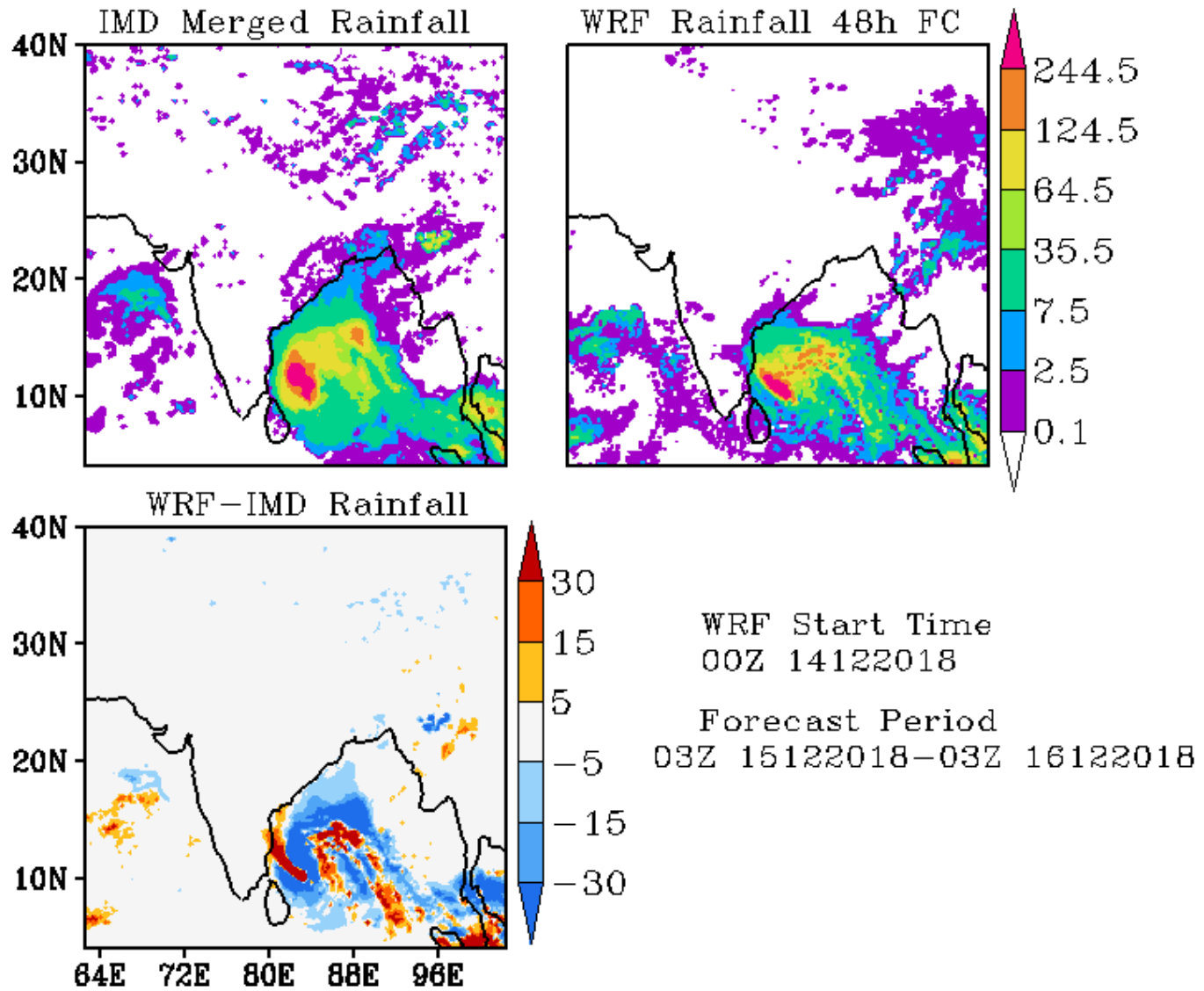
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 14-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

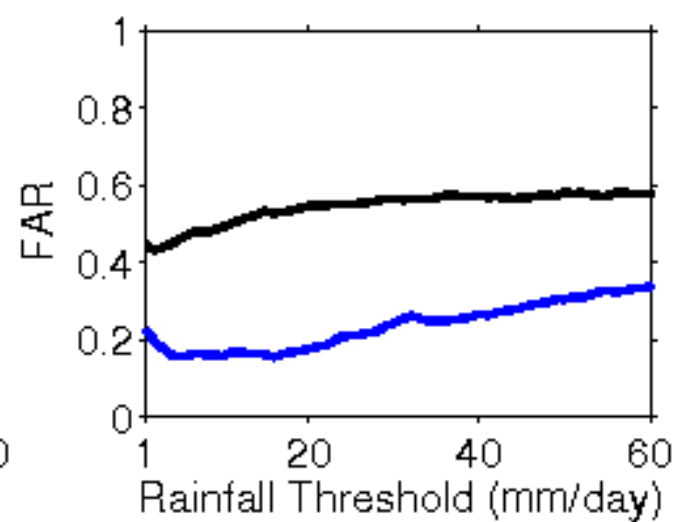
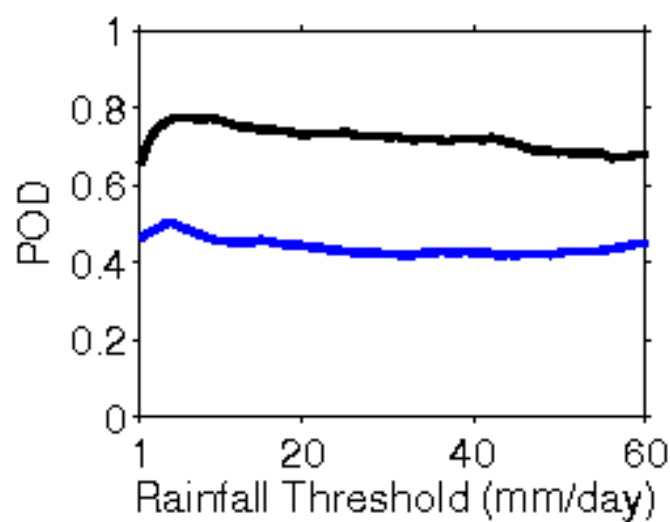
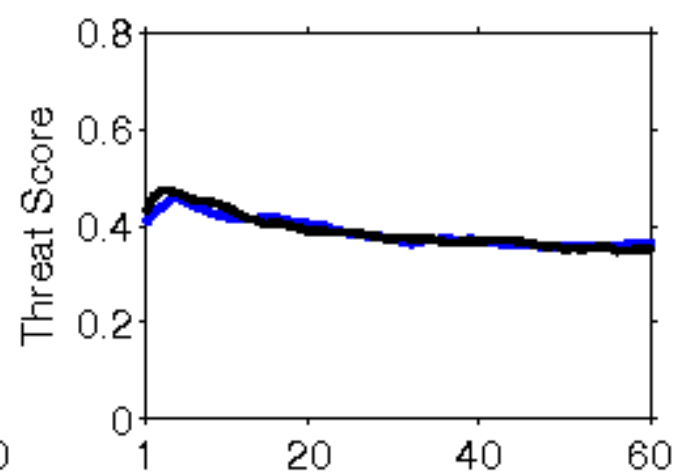
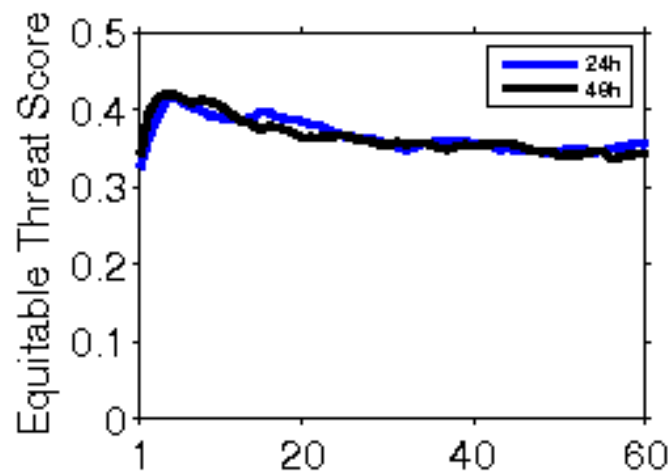
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.93(-0.85)	15.15(5.86)	1.96(0.81)
<b>48 Hour</b>	2.58(-0.75)	17.18(4.35)	2.73(1.15)
<b>72 Hour</b>	2.69(-0.39)	20.01(4.45)	3.30(1.42)



WRF Start Time  
00Z 14122018

Forecast Period  
03Z 14122018-03Z 15122018

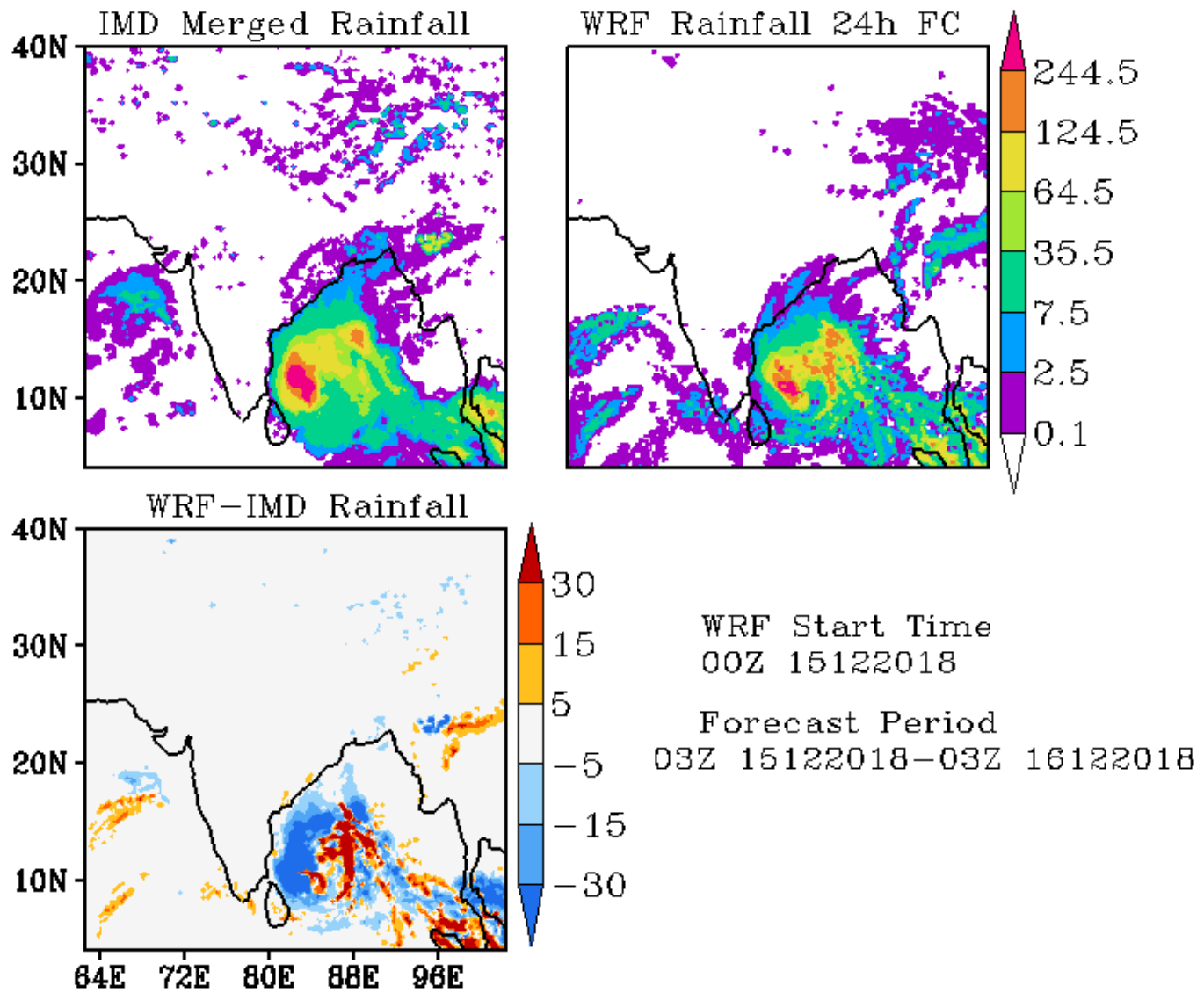


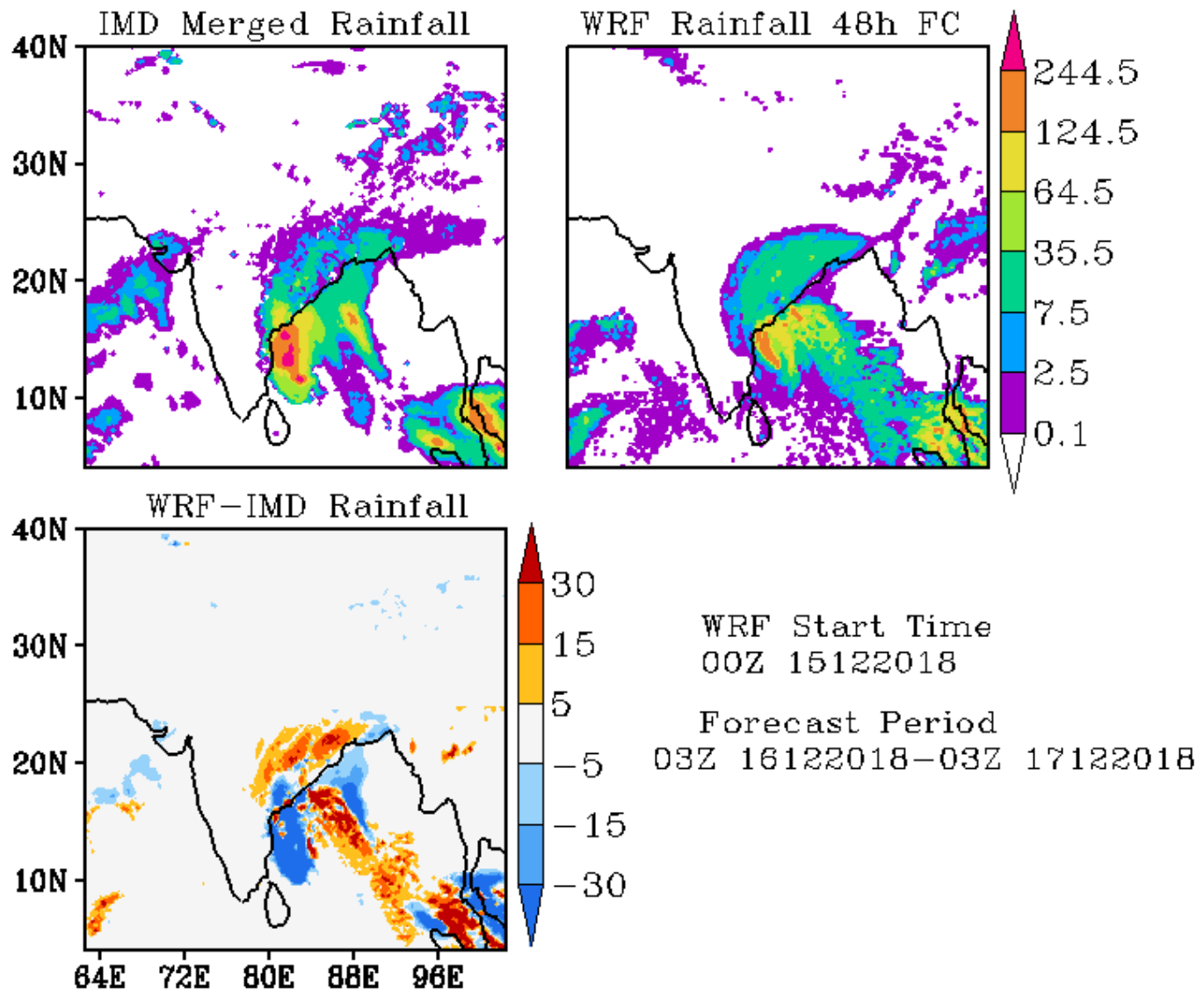


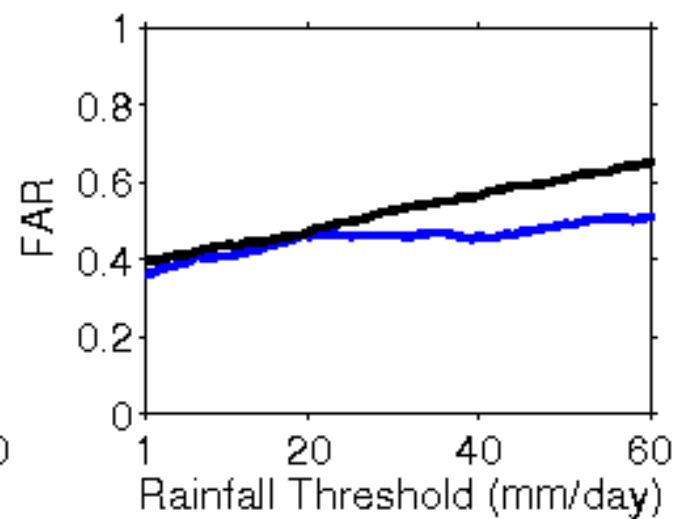
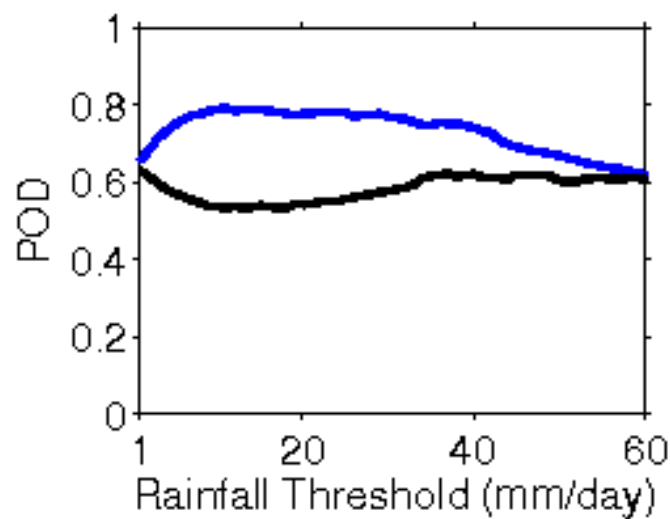
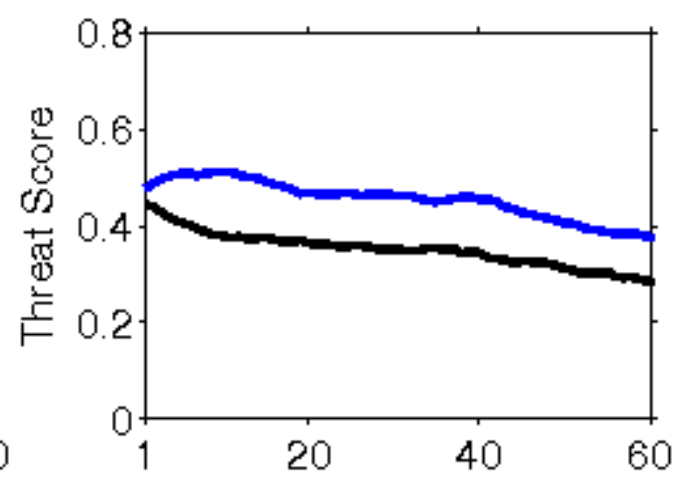
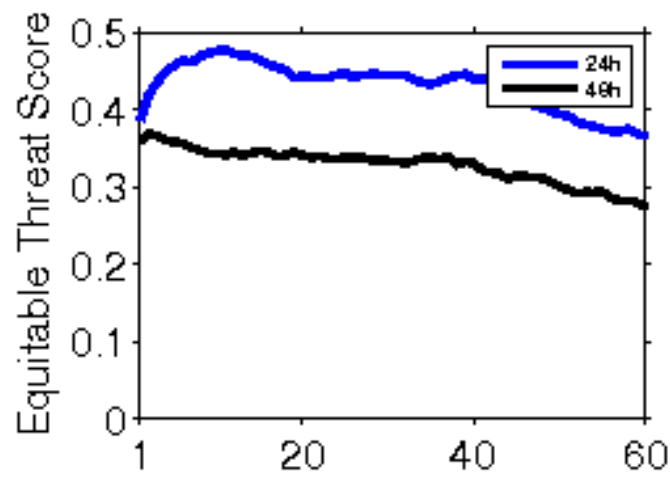


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 15-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.97(-0.80)	14.44(5.66)	2.17(0.91)
<b>48 Hour</b>	2.34(-0.78)	16.60(4.25)	2.60(0.92)
<b>72 Hour</b>	2.46(-0.56)	17.39(3.91)	3.30(0.97)

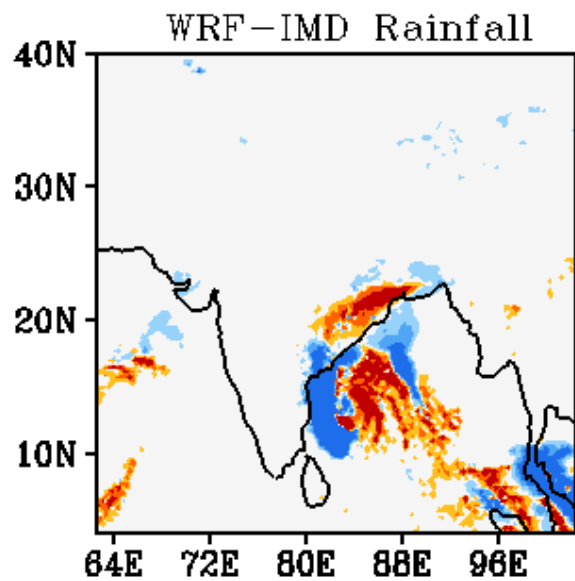
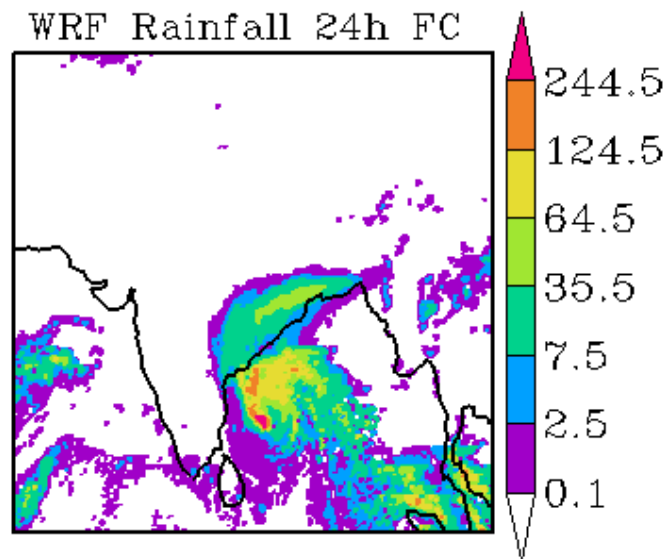
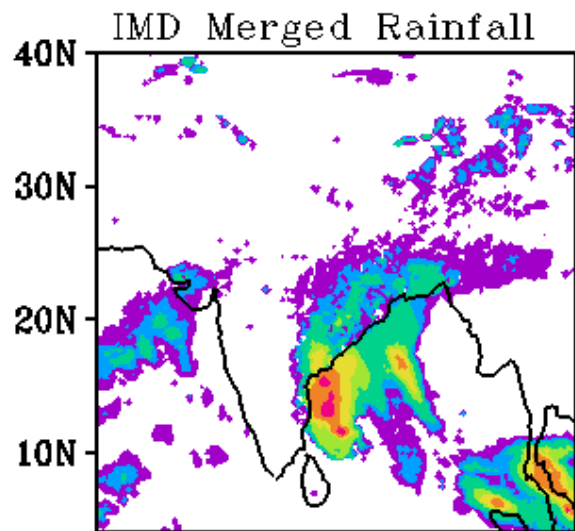






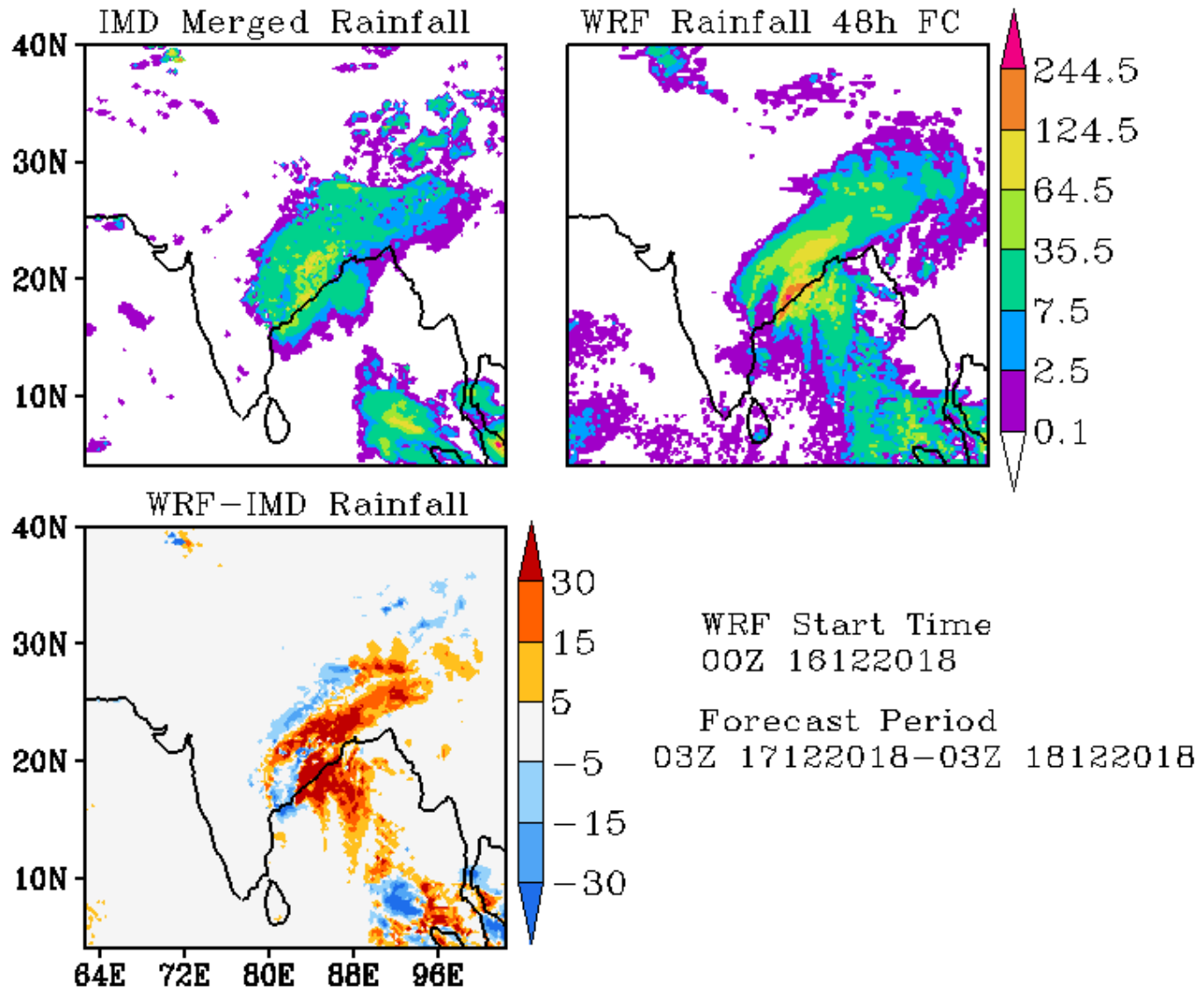
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 16-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

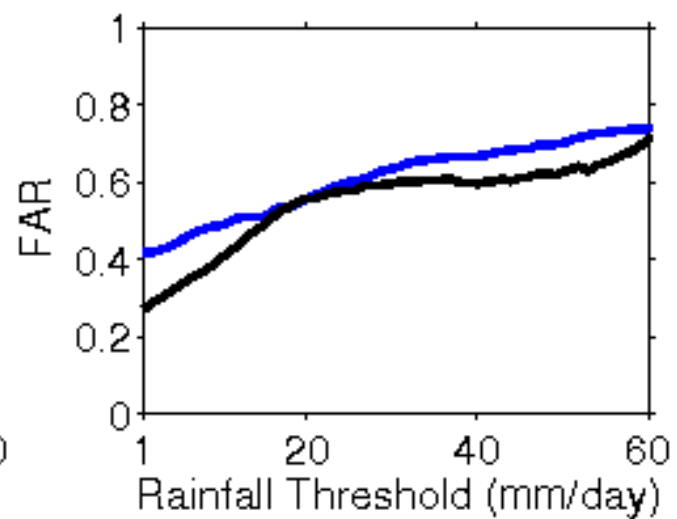
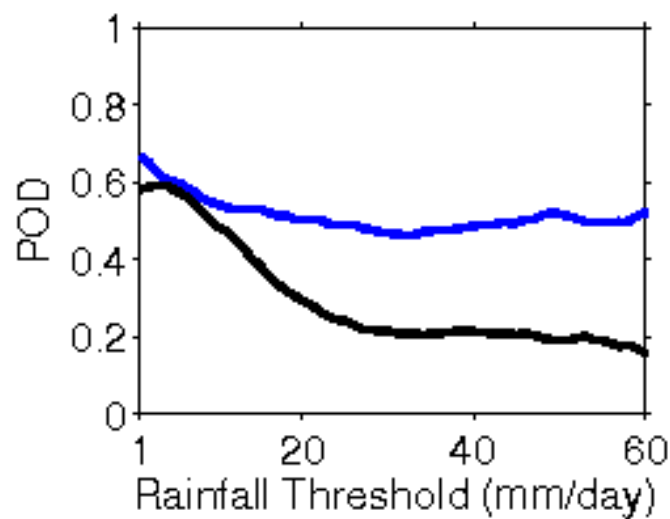
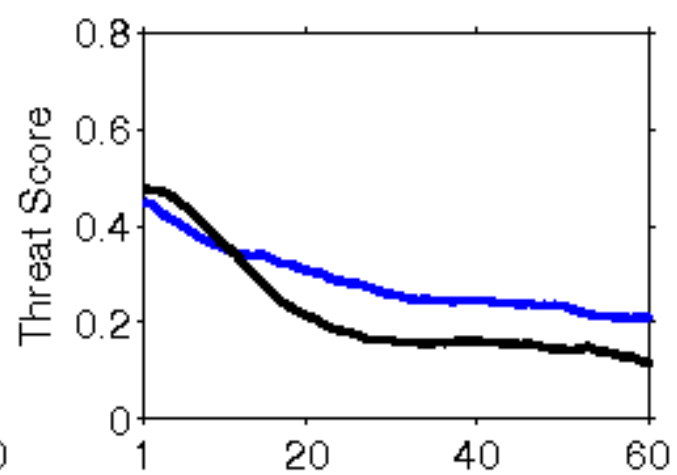
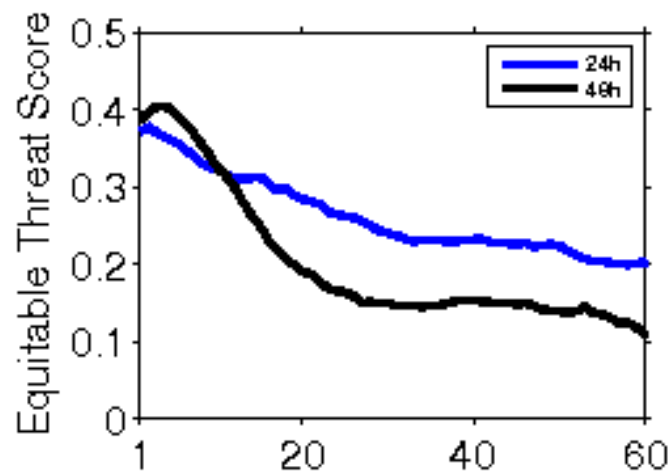
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.79(-0.58)	15.13(6.47)	2.28(0.77)
<b>48 Hour</b>	2.14(-0.34)	19.45(5.52)	3.46(1.05)
<b>72 Hour</b>	3.11(-0.39)	27.56(4.83)	4.10(1.12)



WRF Start Time  
00Z 16122018

Forecast Period  
03Z 16122018-03Z 17122018

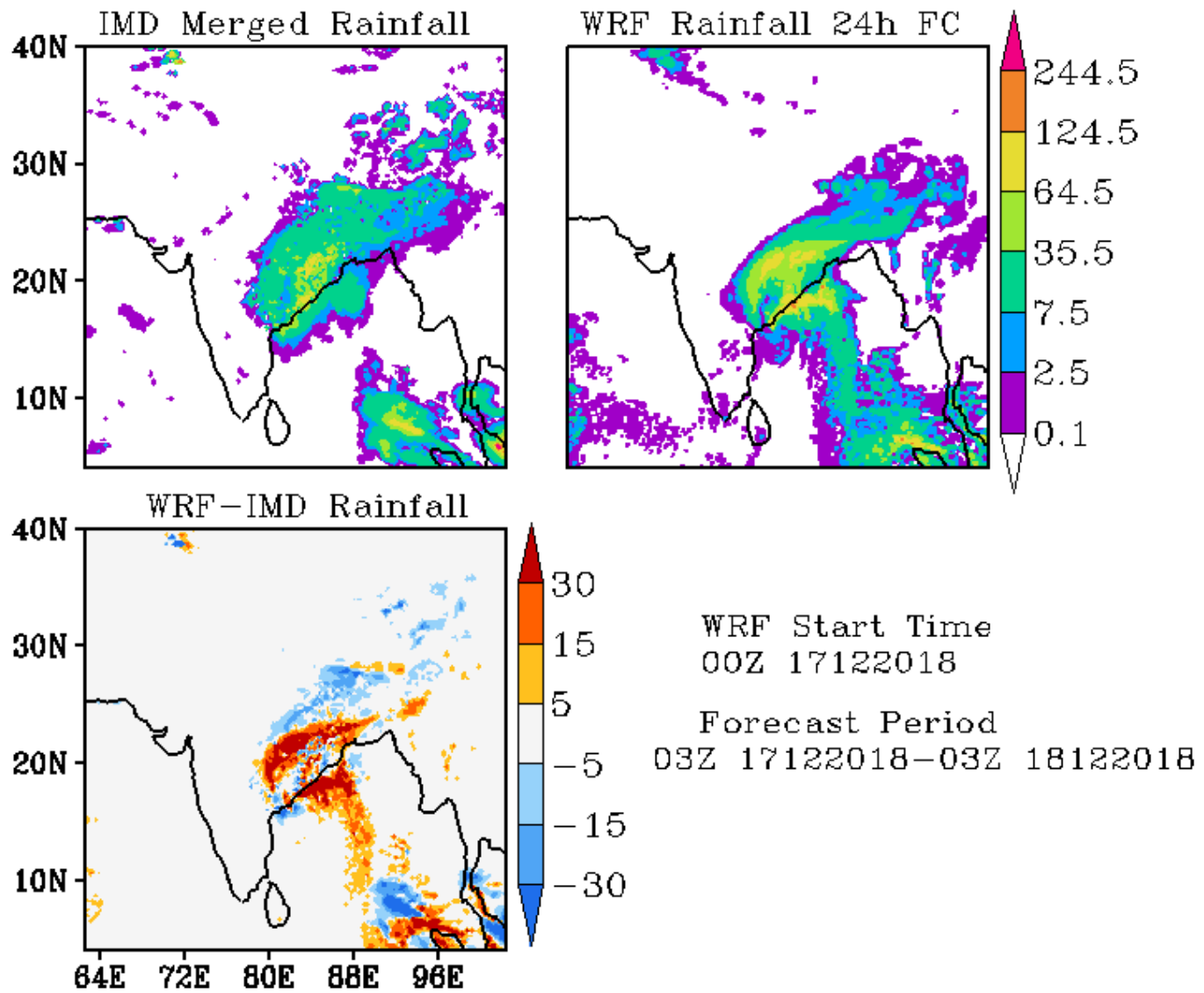


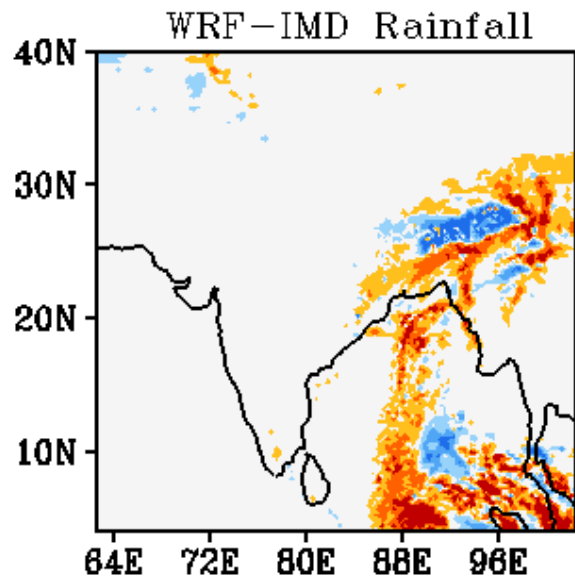
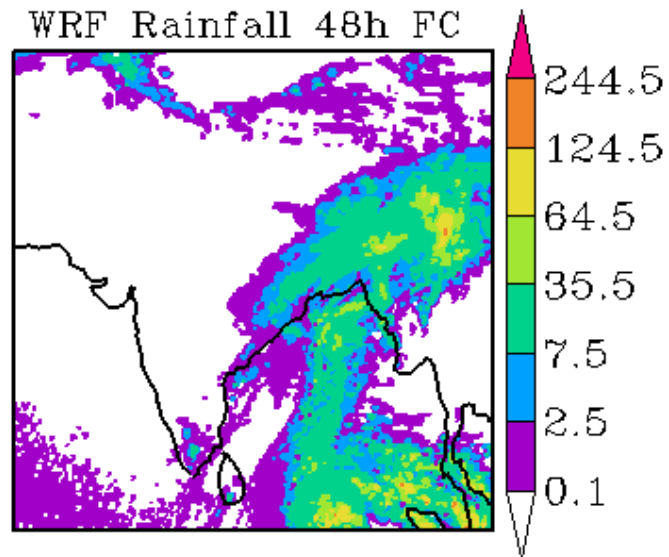
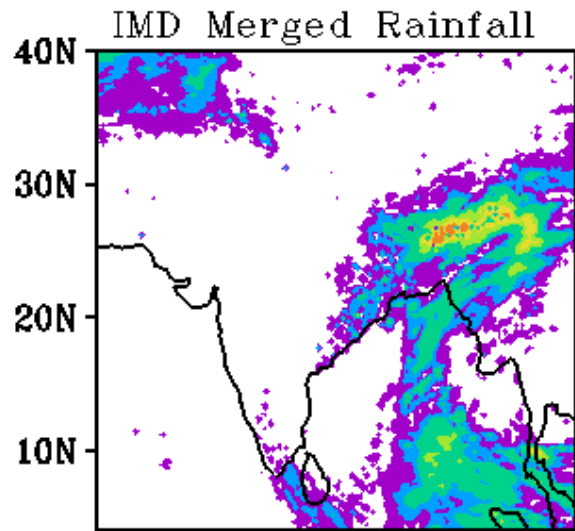




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 17-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

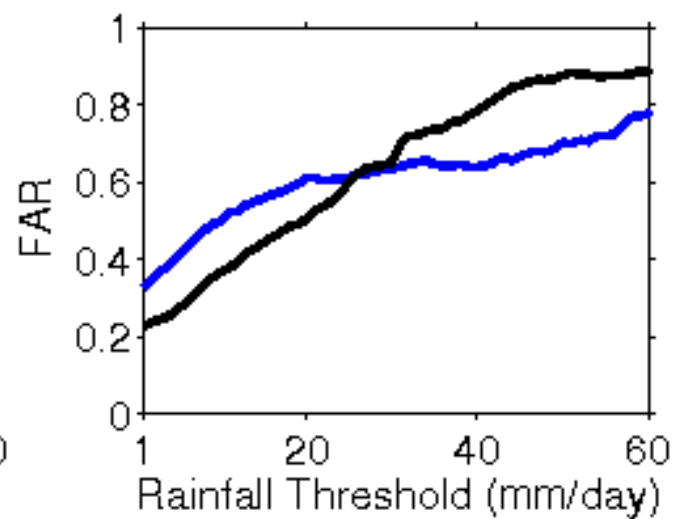
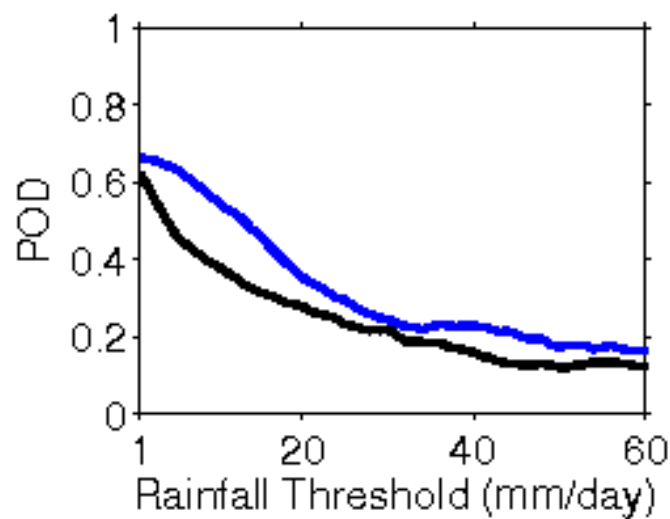
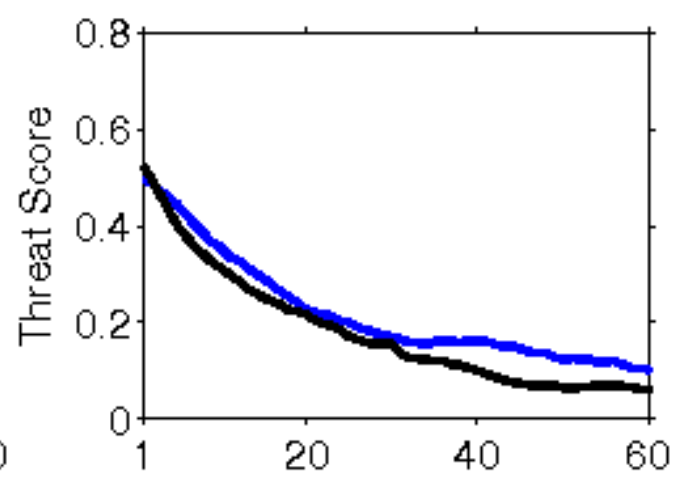
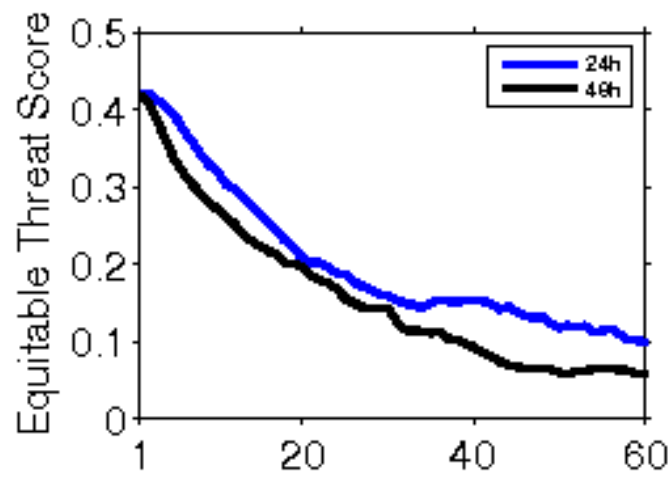
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.81(-0.32)	15.53(8.12)	2.12(1.06)
<b>48 Hour</b>	2.69(-0.09)	26.41(10.06)	3.05(1.06)
<b>72 Hour</b>	3.04(0.10)	22.99(7.97)	3.49(1.12)





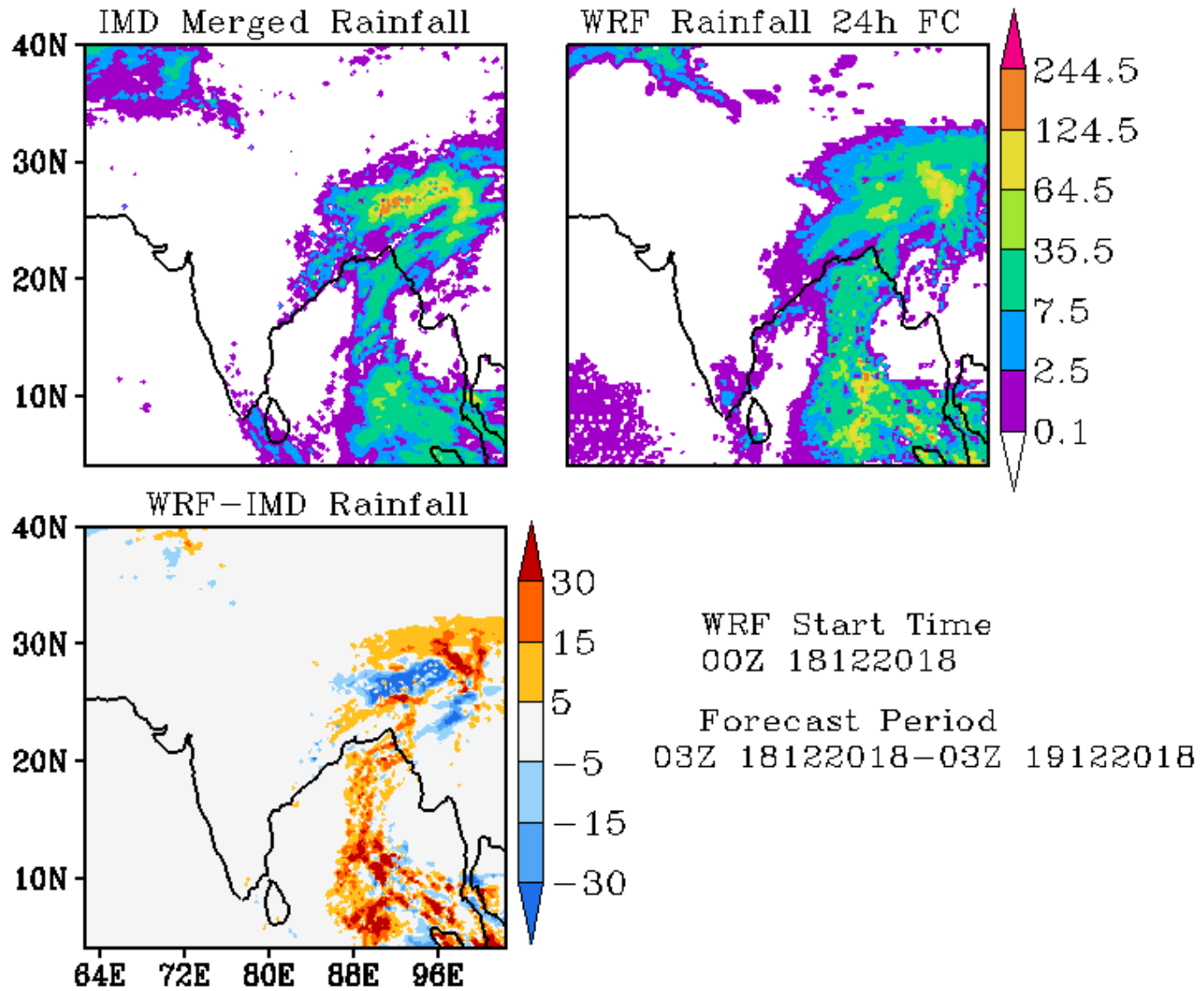
WRF Start Time  
00Z 17122018

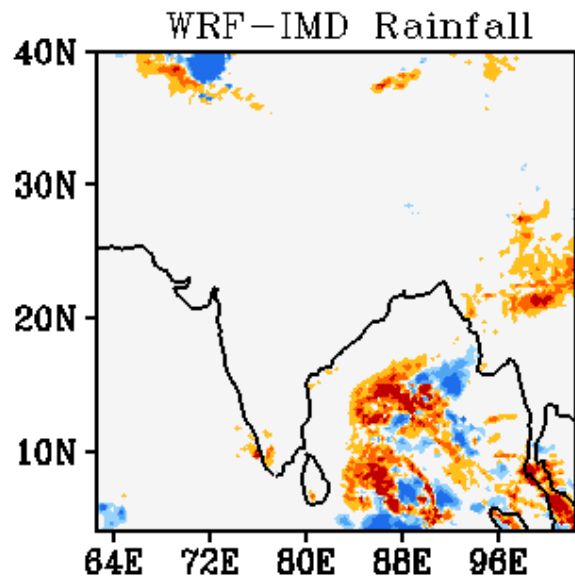
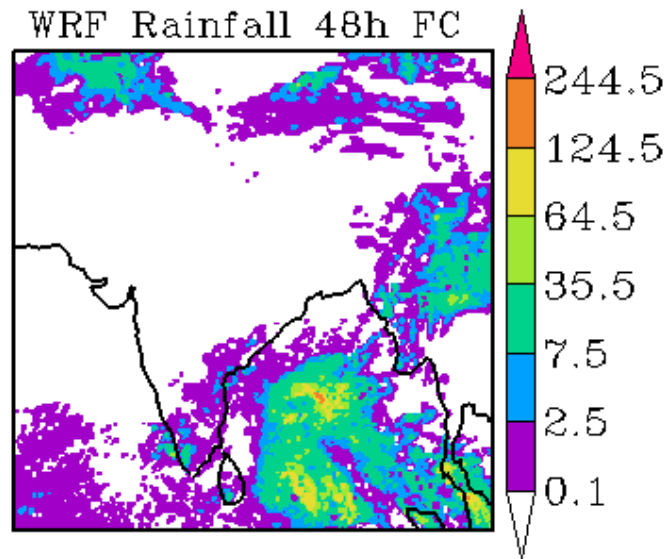
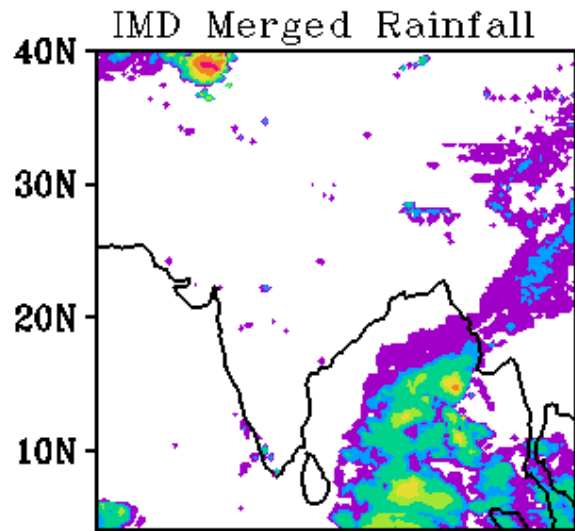
Forecast Period  
03Z 18122018-03Z 19122018



**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 18-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

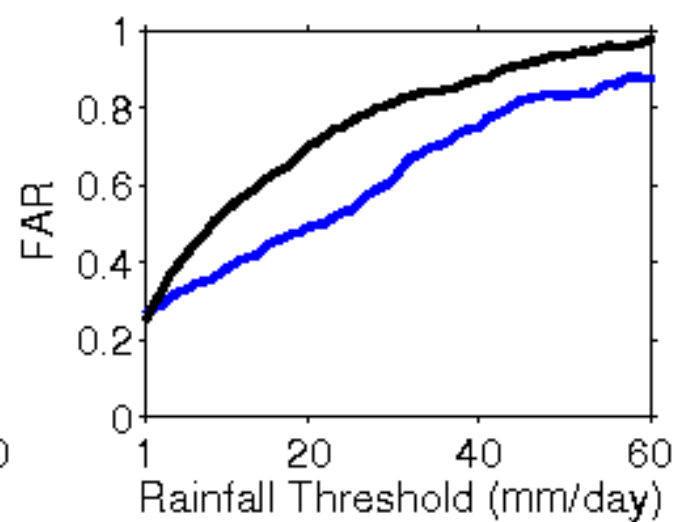
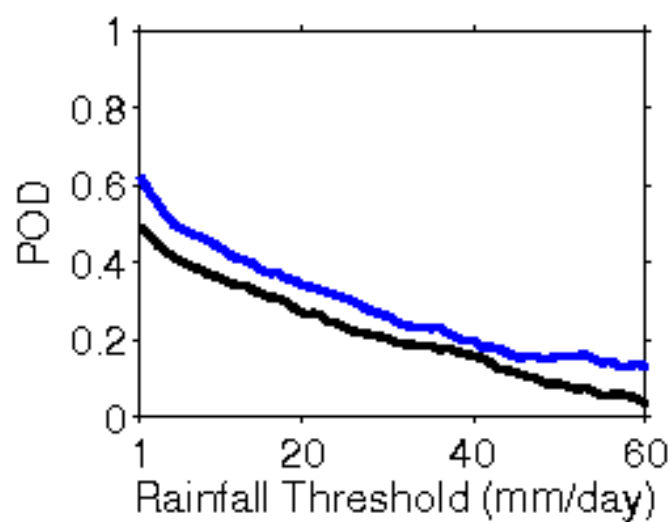
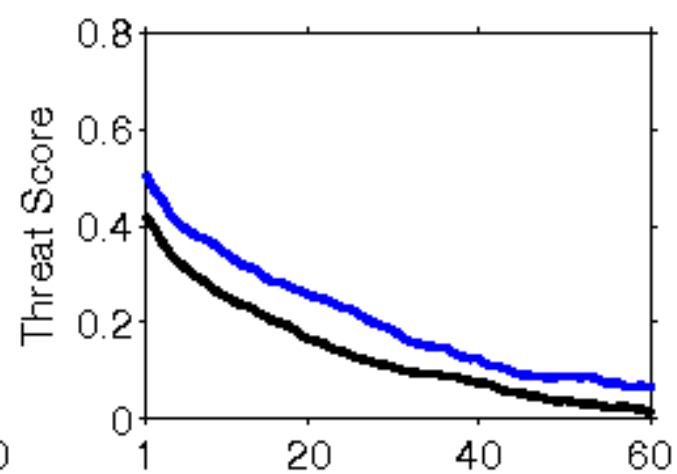
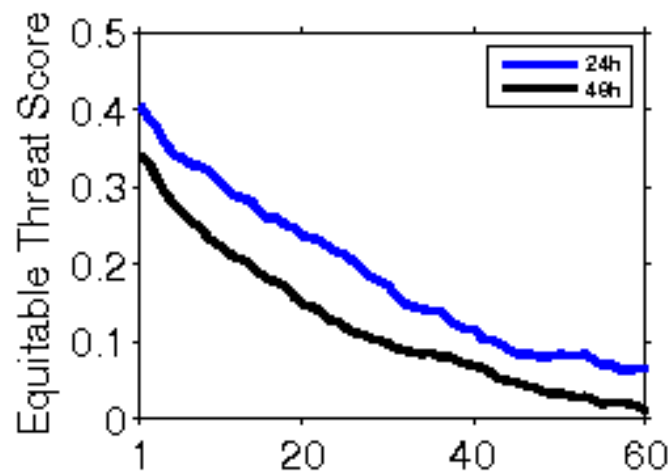
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.66(-0.44)	15.93(7.84)	2.33(1.12)
<b>48 Hour</b>	2.96(-0.28)	19.44(9.08)	3.24(1.22)
<b>72 Hour</b>	2.58(-0.16)	22.71(10.91)	3.45(1.24)





WRF Start Time  
00Z 18122018

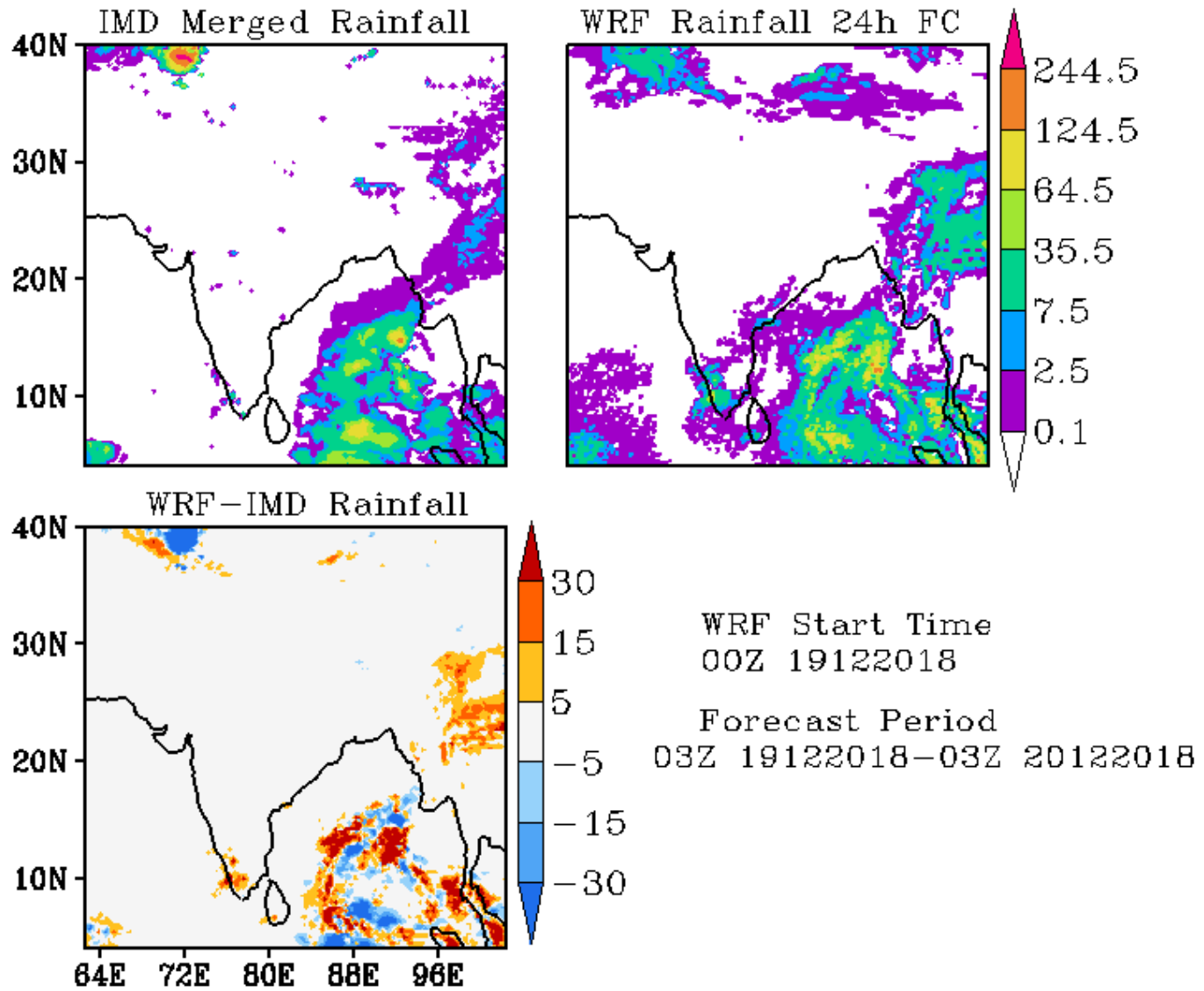
Forecast Period  
03Z 19122018-03Z 20122018

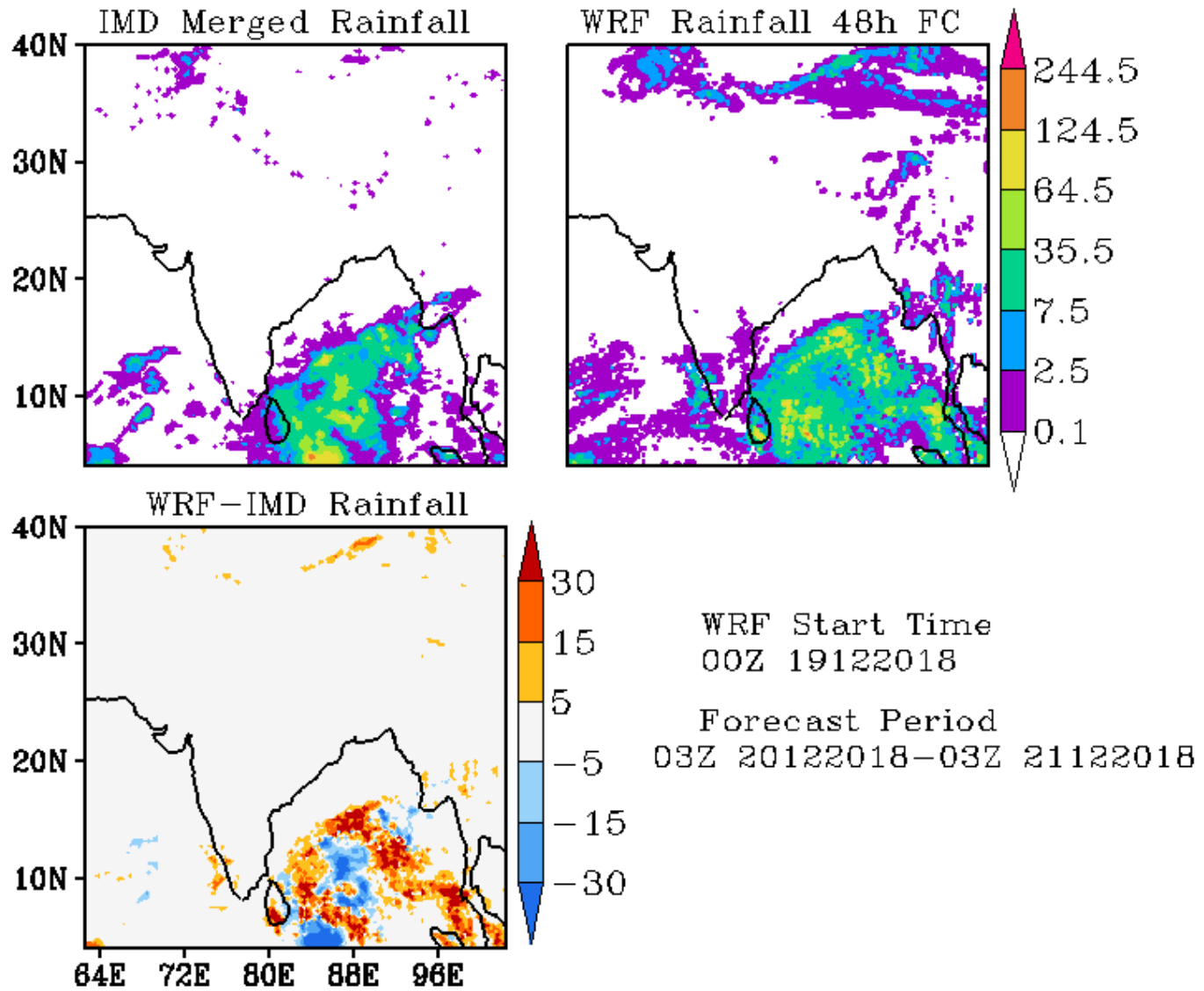


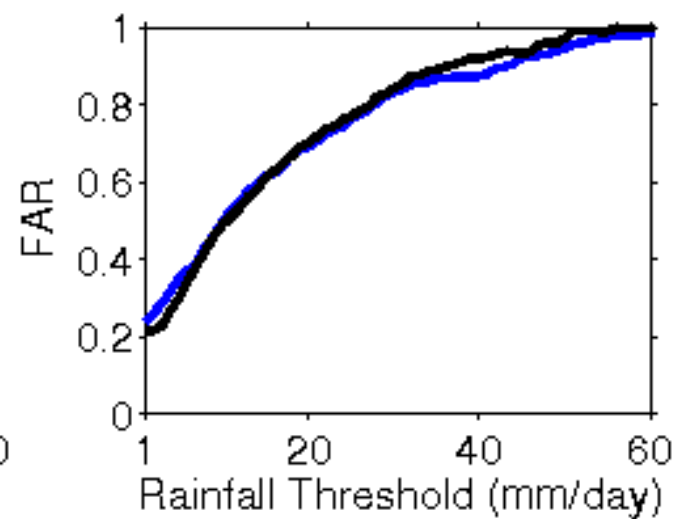
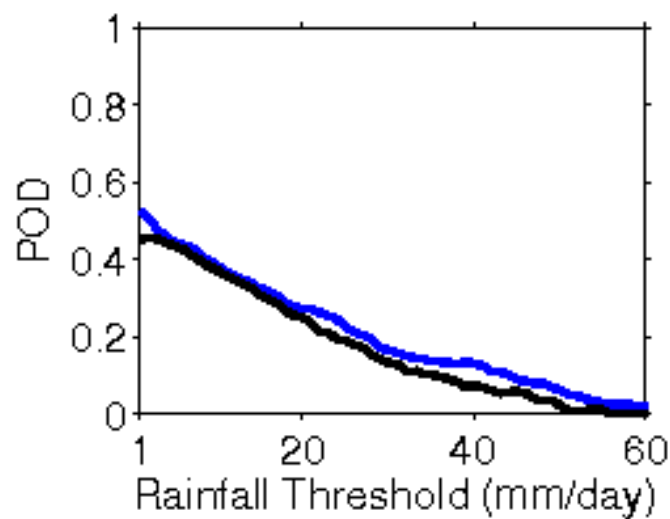
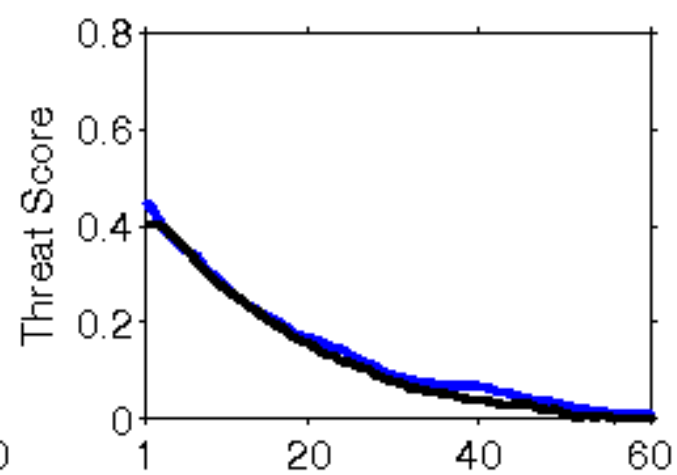
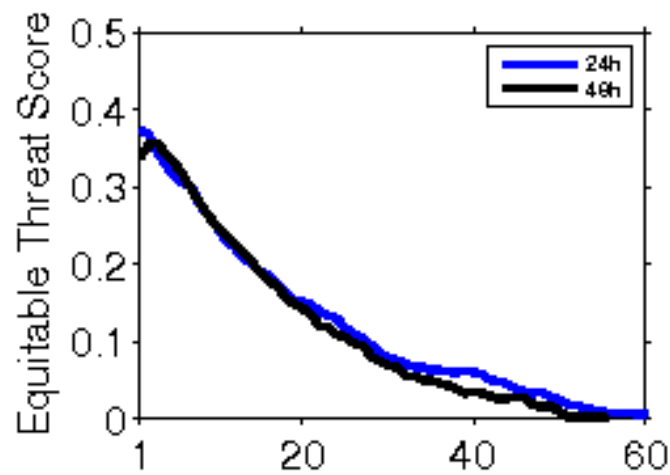


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 19-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.77(-0.52)	15.24(6.49)	2.32(1.04)
<b>48 Hour</b>	2.53(-0.34)	20.65(6.64)	2.94(1.33)
<b>72 Hour</b>	3.02(-0.35)	21.44(4.13)	2.74(1.38)

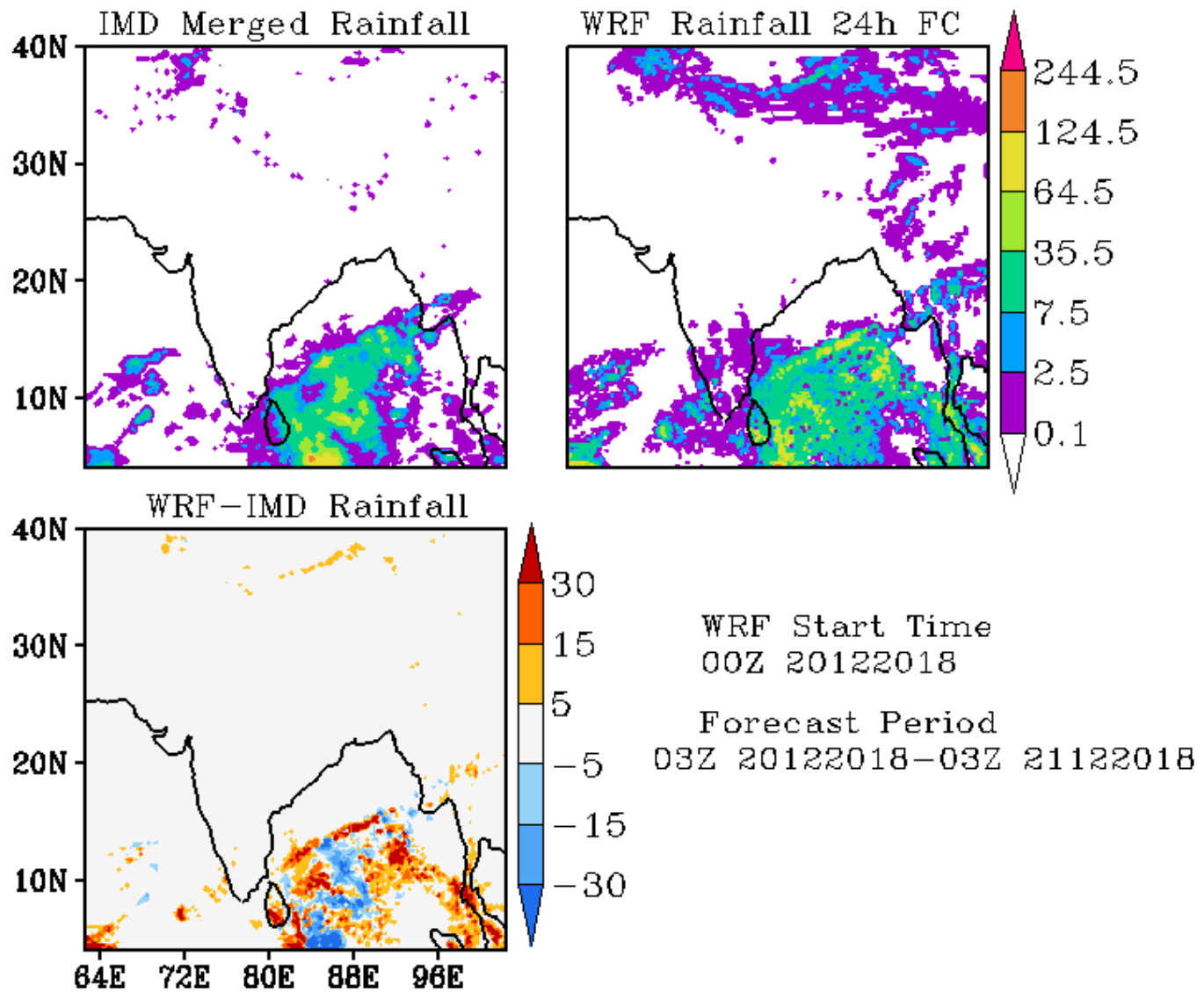


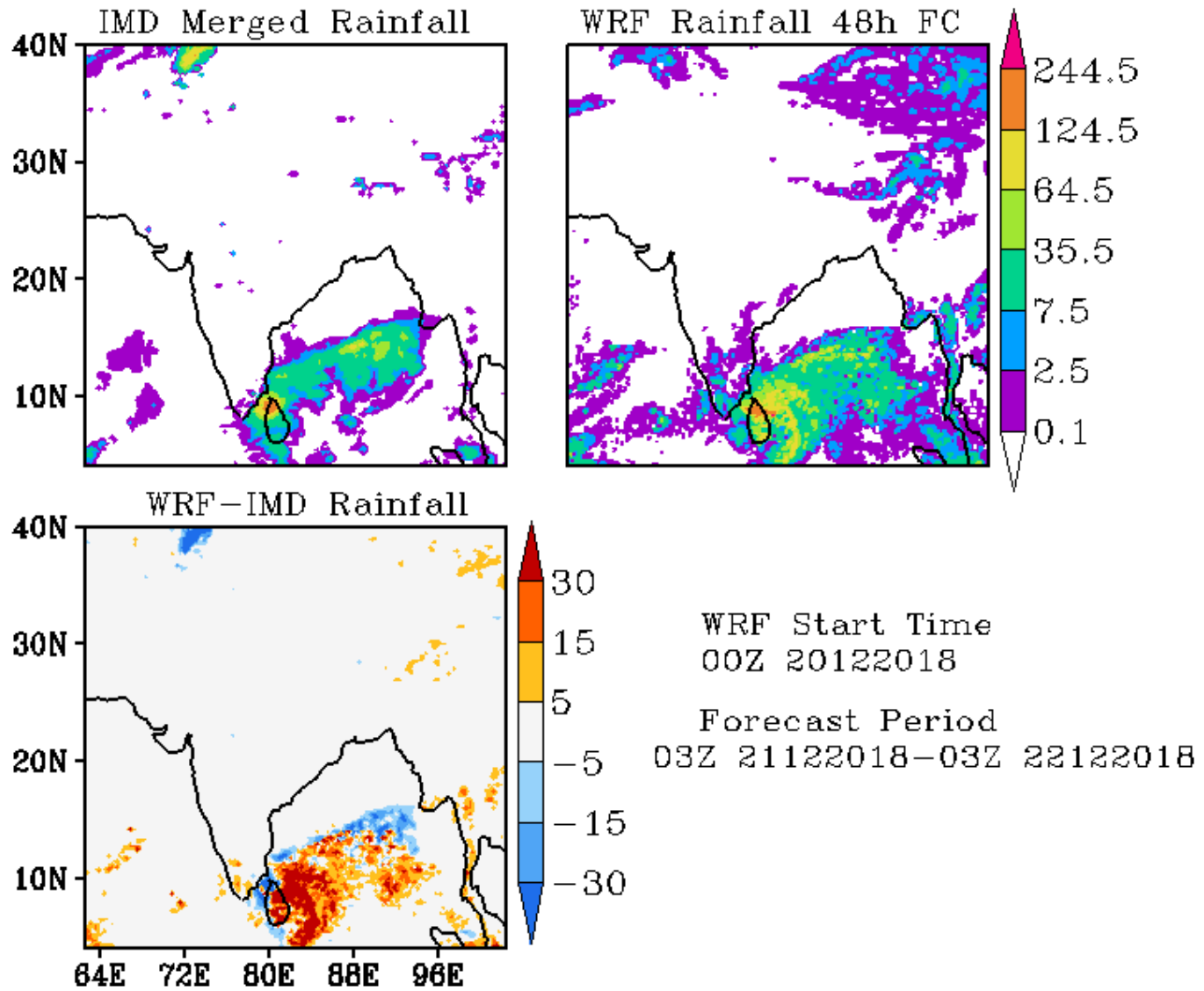


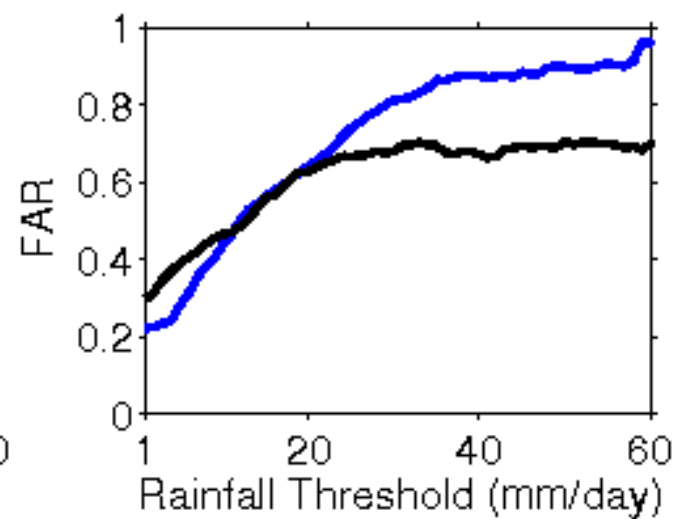
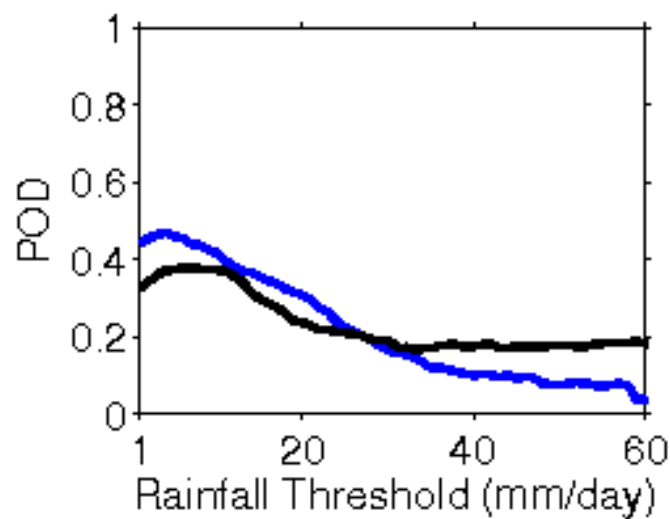
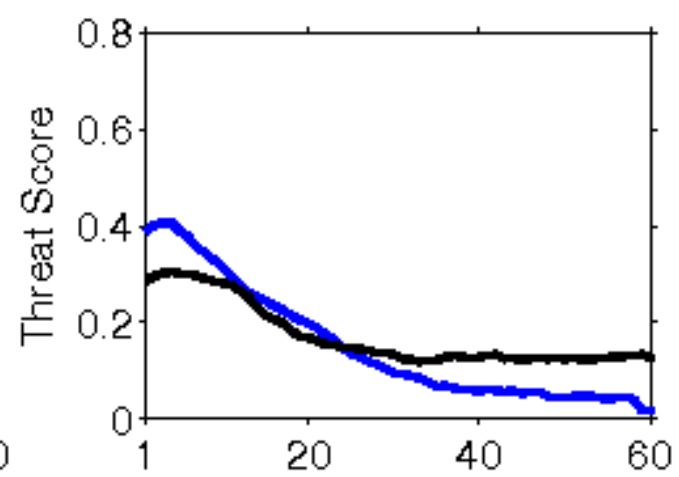
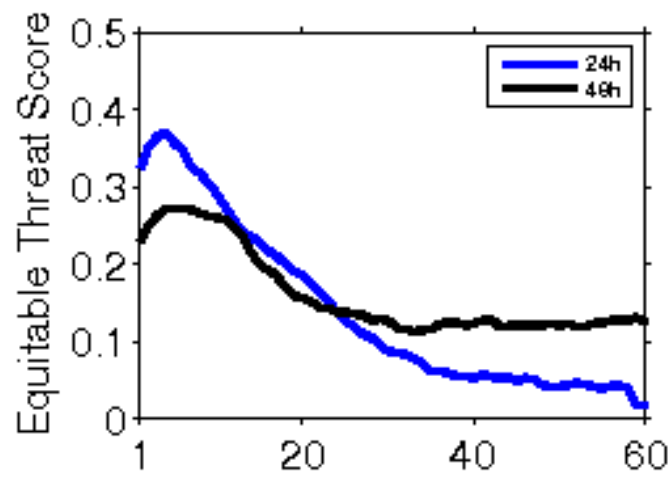


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 20-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.82(-0.32)	13.58(5.83)	2.39(1.10)
<b>48 Hour</b>	2.49(0.08)	16.84(5.97)	2.48(1.43)
<b>72 Hour</b>	2.87(-0.04)	18.78(4.74)	2.69(1.40)



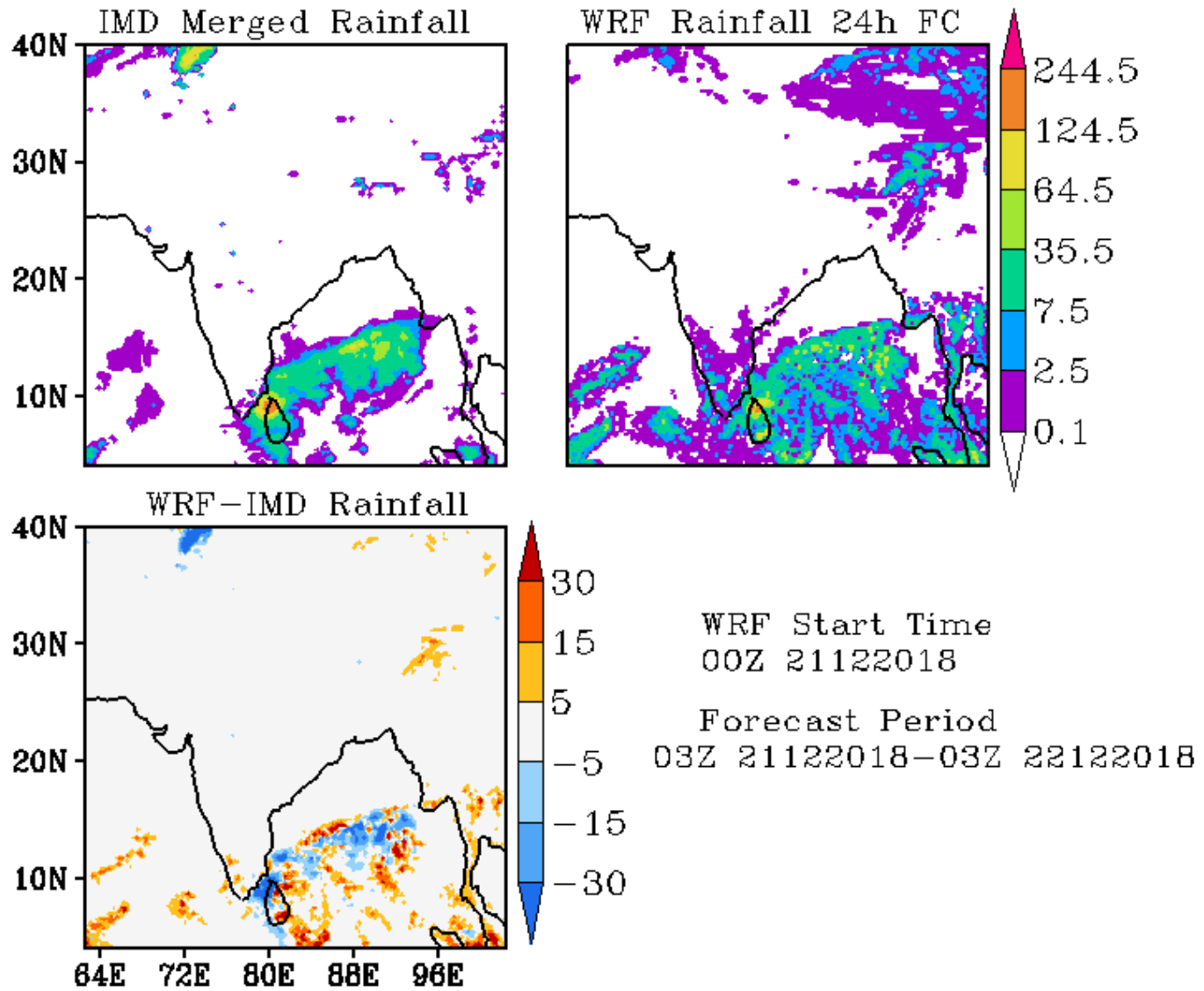


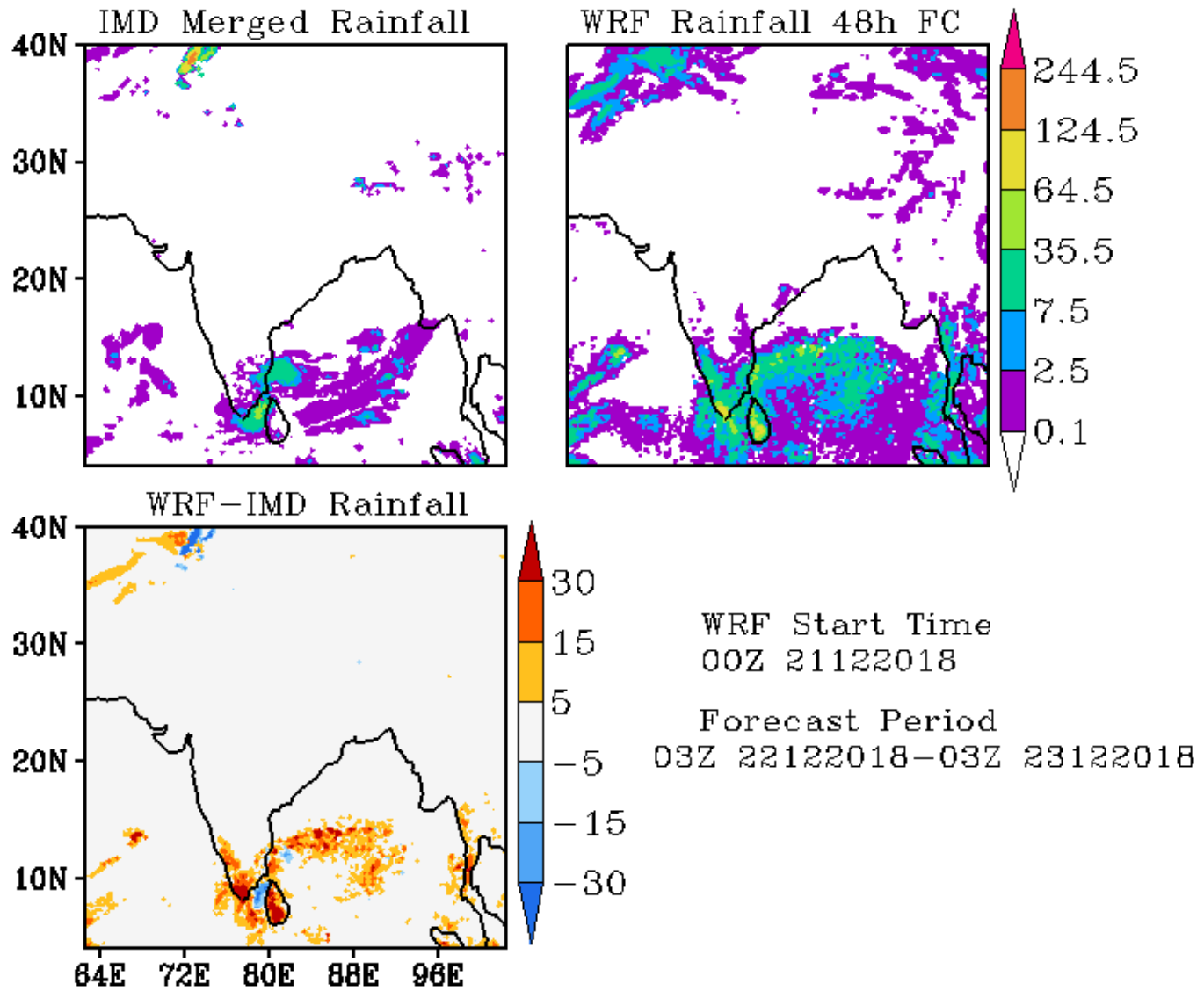


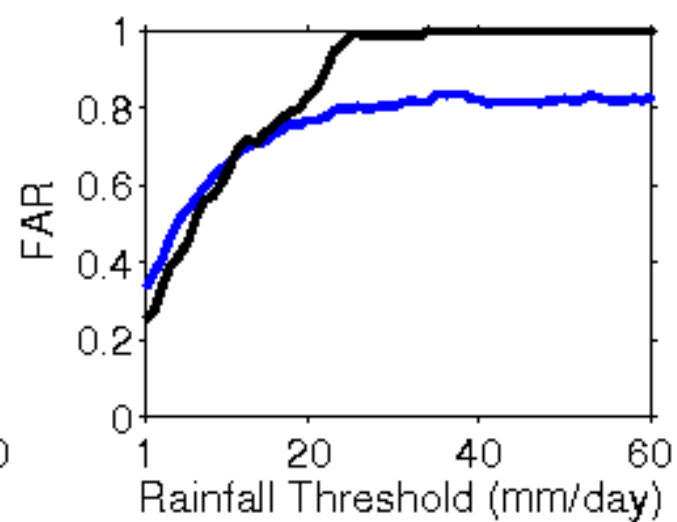
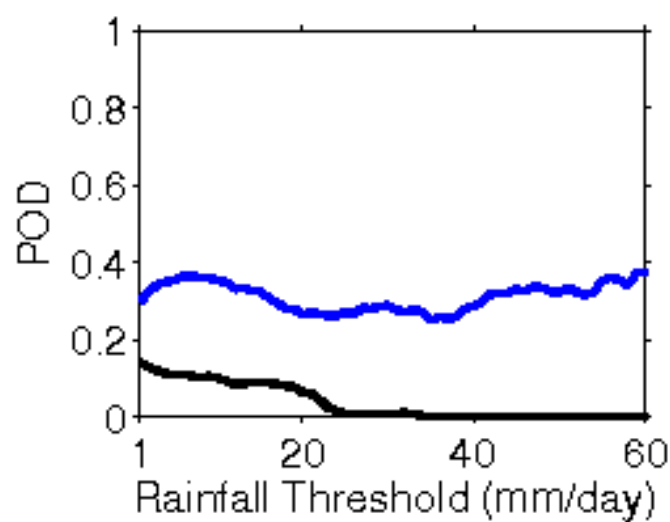
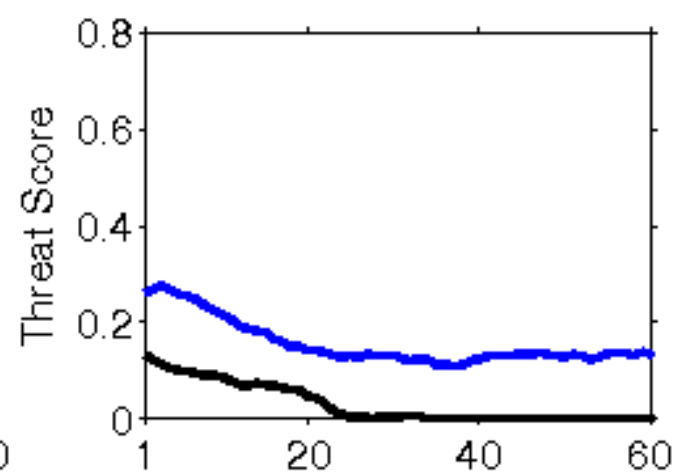
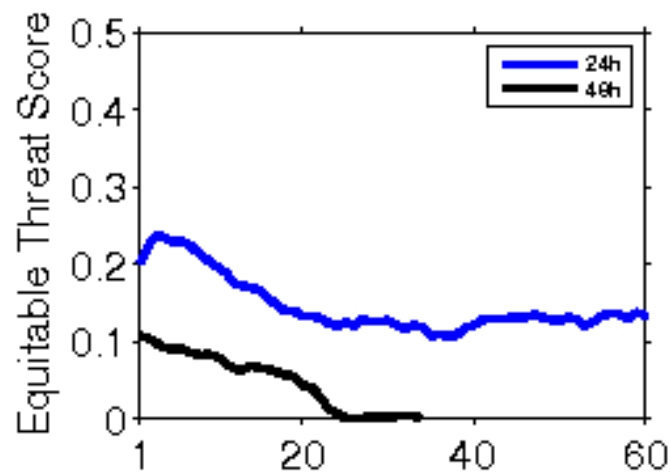


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 21-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	2.01(-0.77)	14.99(5.34)	2.21(0.99)
<b>48 Hour</b>	2.40(-0.28)	17.66(3.98)	2.43(1.08)
<b>72 Hour</b>	2.13(0.01)	18.66(3.98)	2.97(1.33)

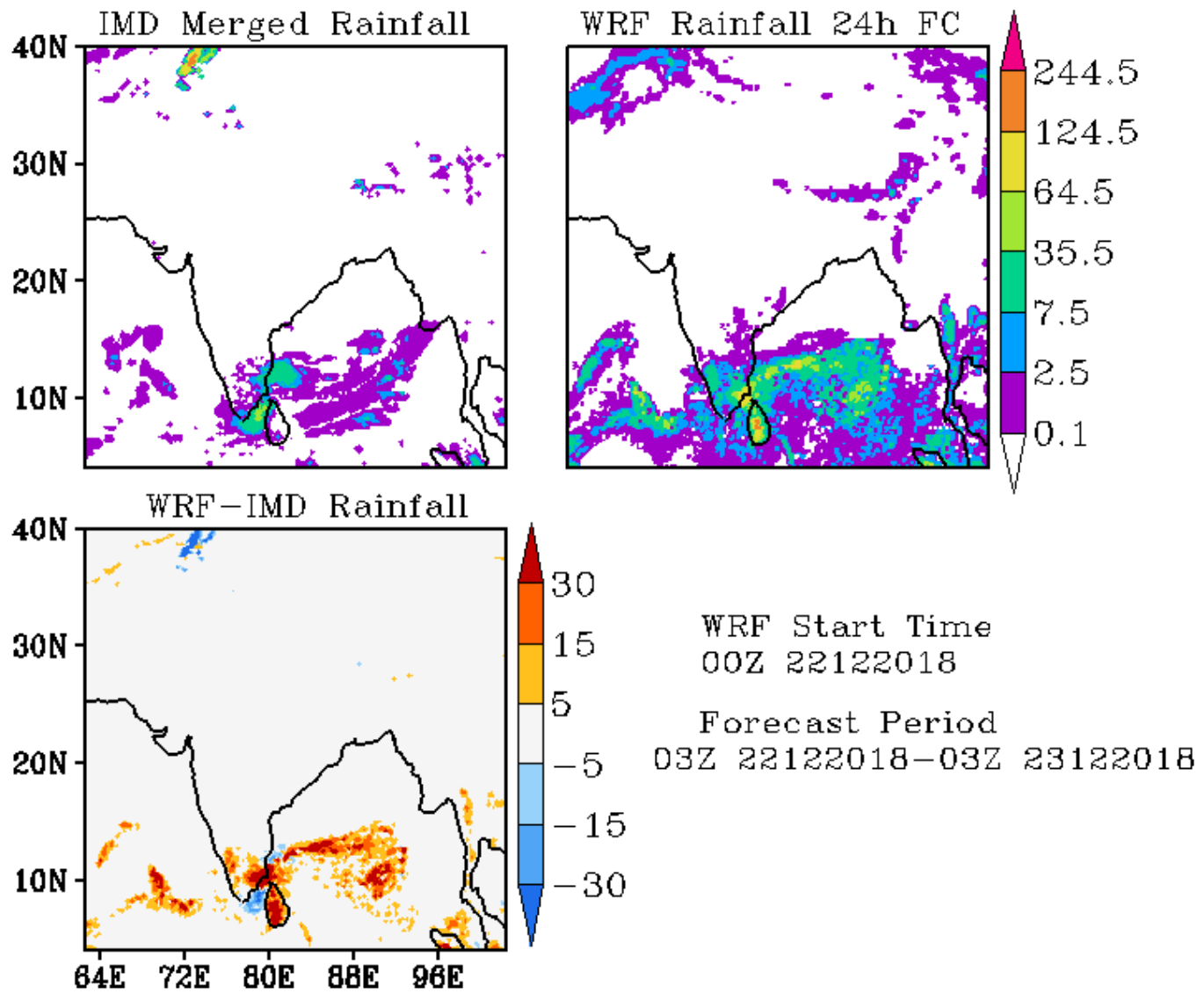


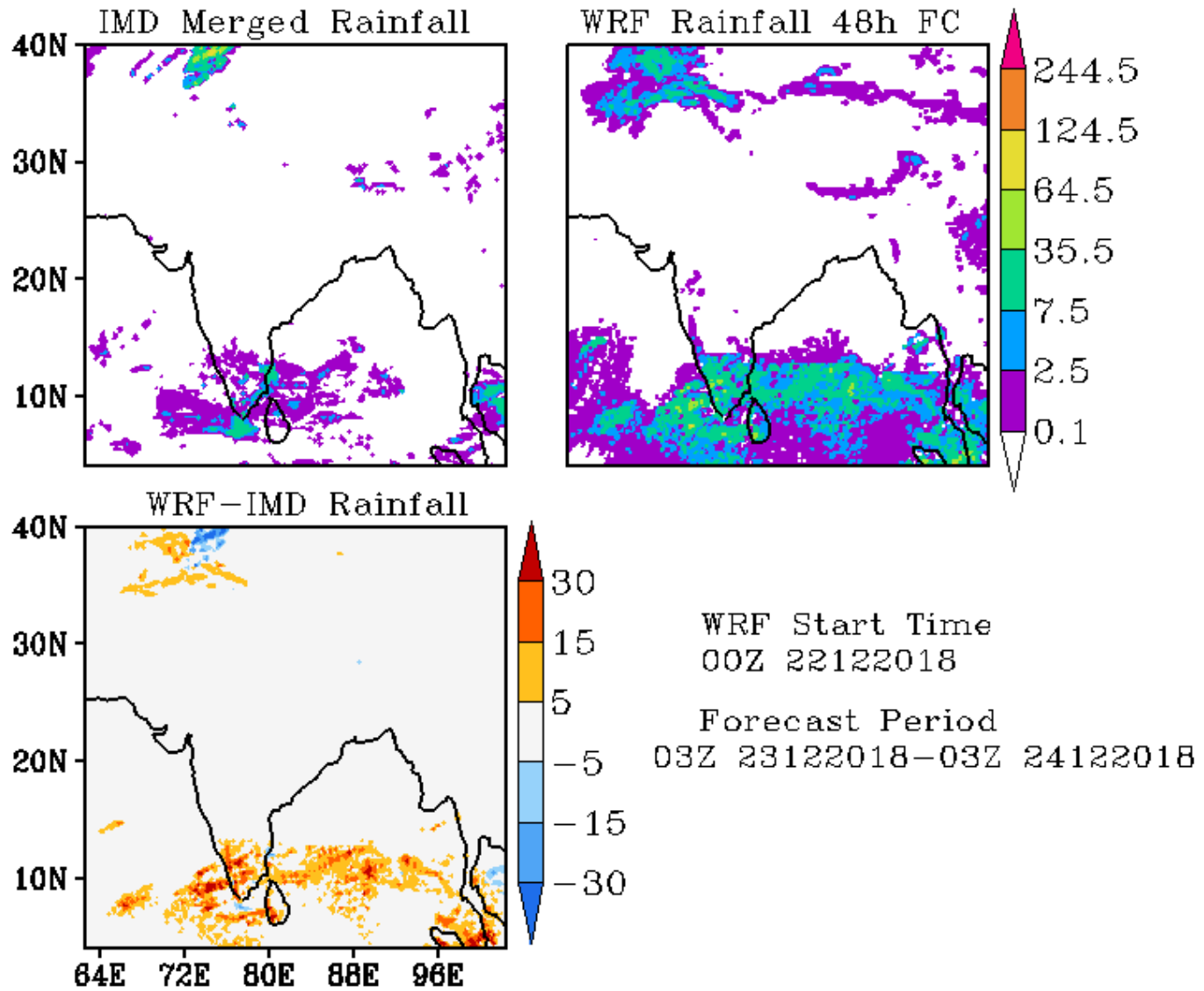




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 22-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.84(-0.67)	16.50(8.06)	2.05(0.95)
<b>48 Hour</b>	1.88(-0.59)	18.78(5.46)	2.83(1.10)
<b>72 Hour</b>	2.55(-0.14)	22.75(4.36)	3.16(1.31)



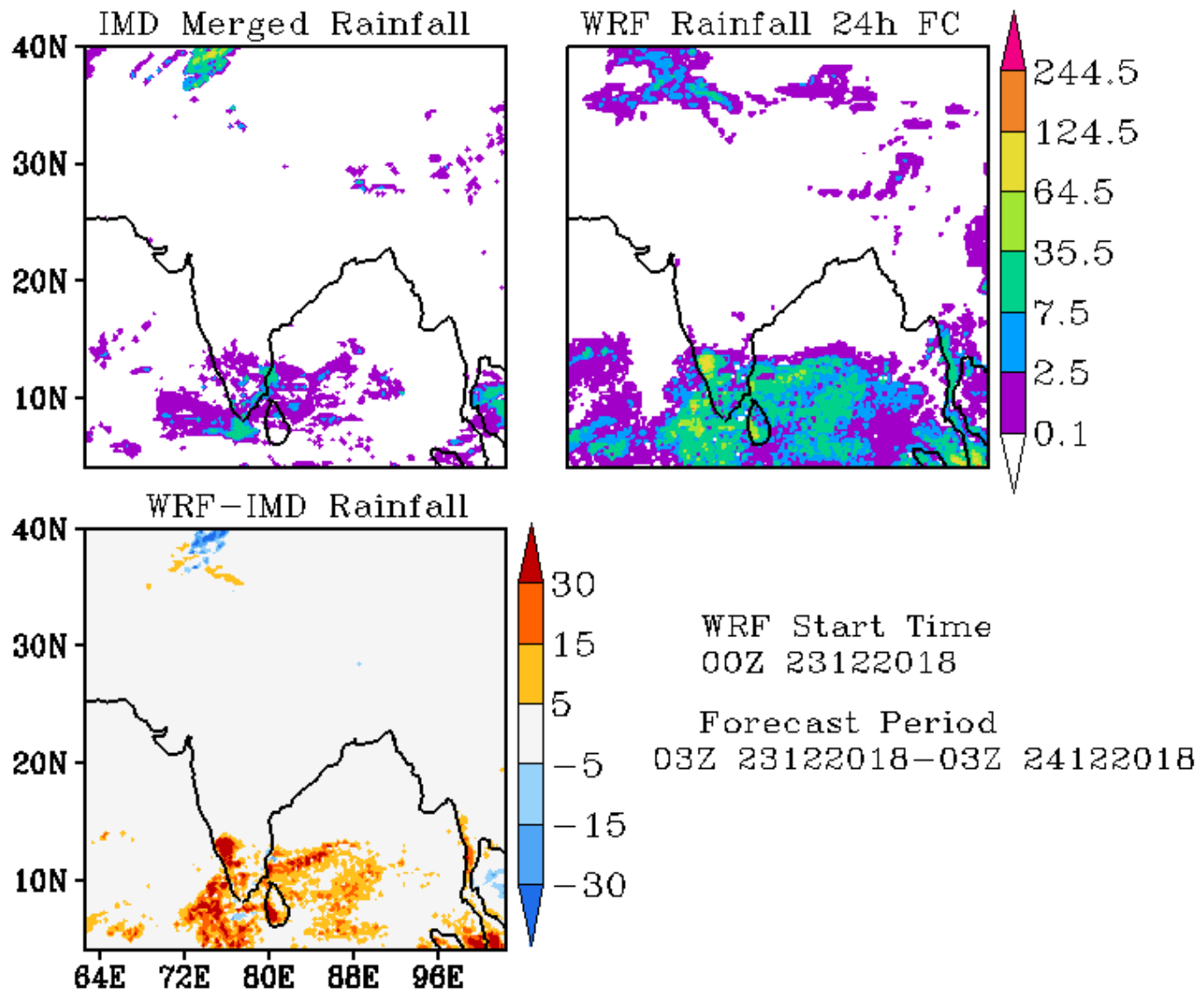


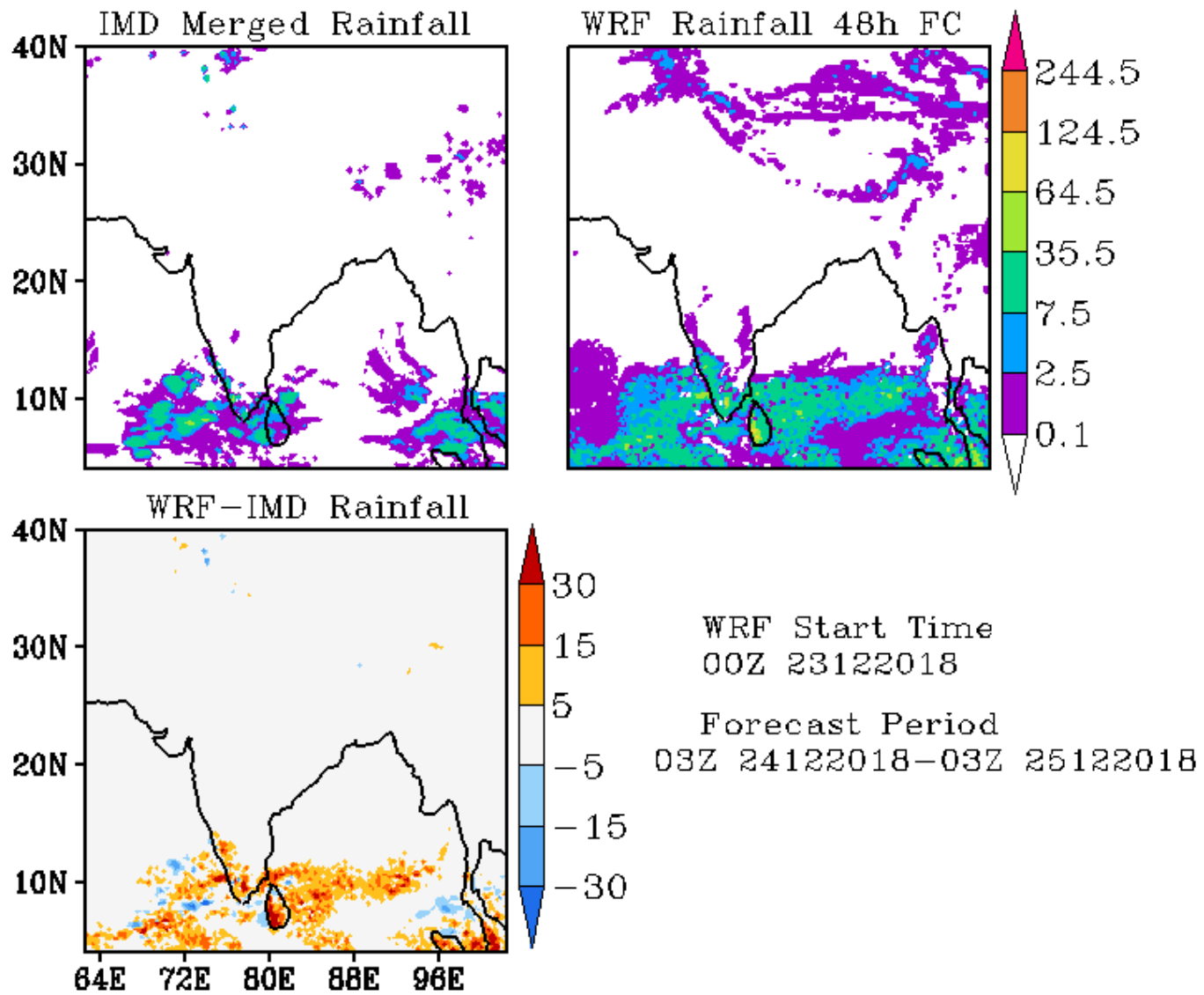




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 23-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.79(-0.44)	16.73(7.43)	2.18(1.04)
<b>48 Hour</b>	2.04(-0.13)	19.86(7.26)	2.60(1.26)
<b>72 Hour</b>	2.45(0.07)	21.11(4.64)	2.60(1.40)

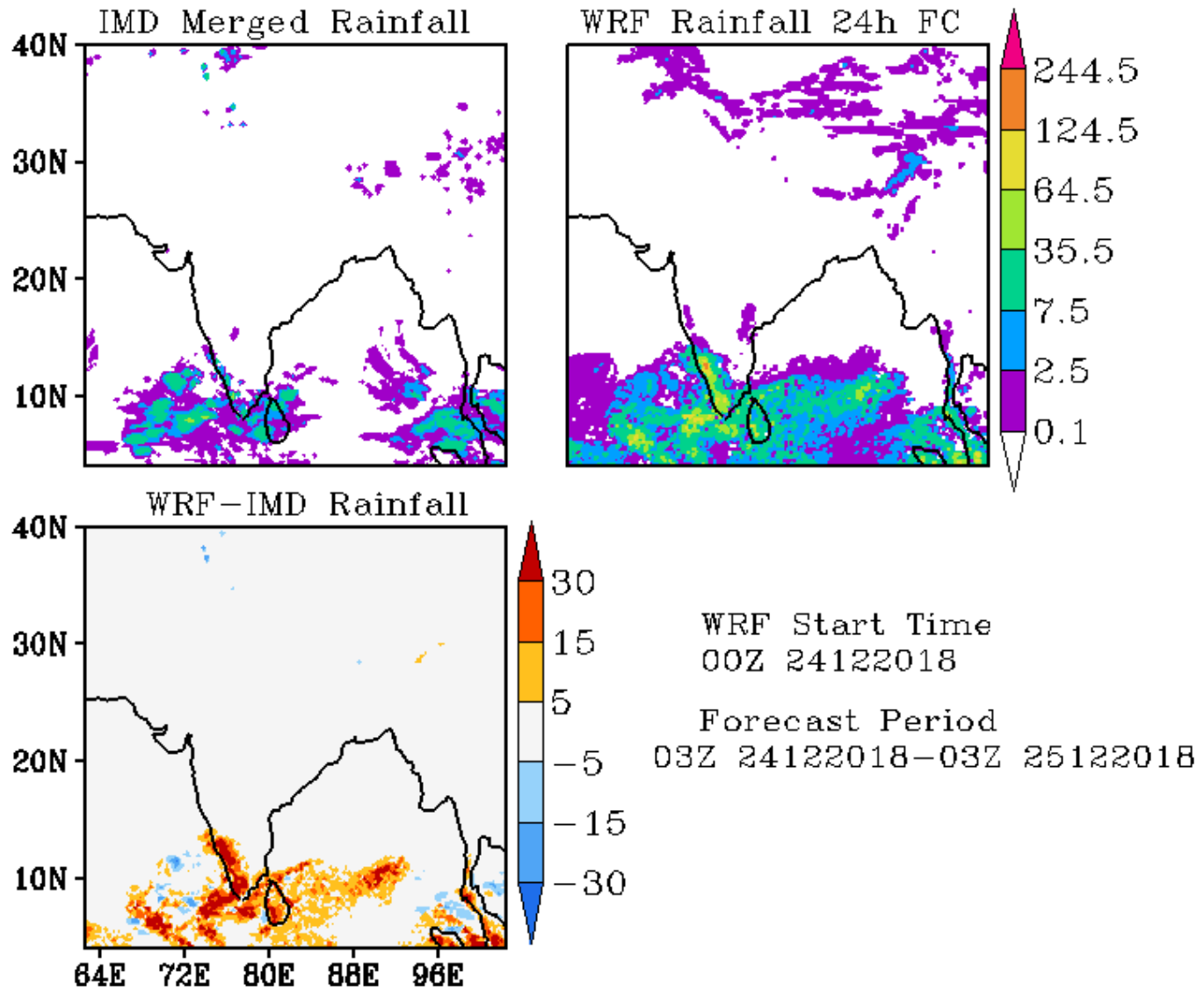


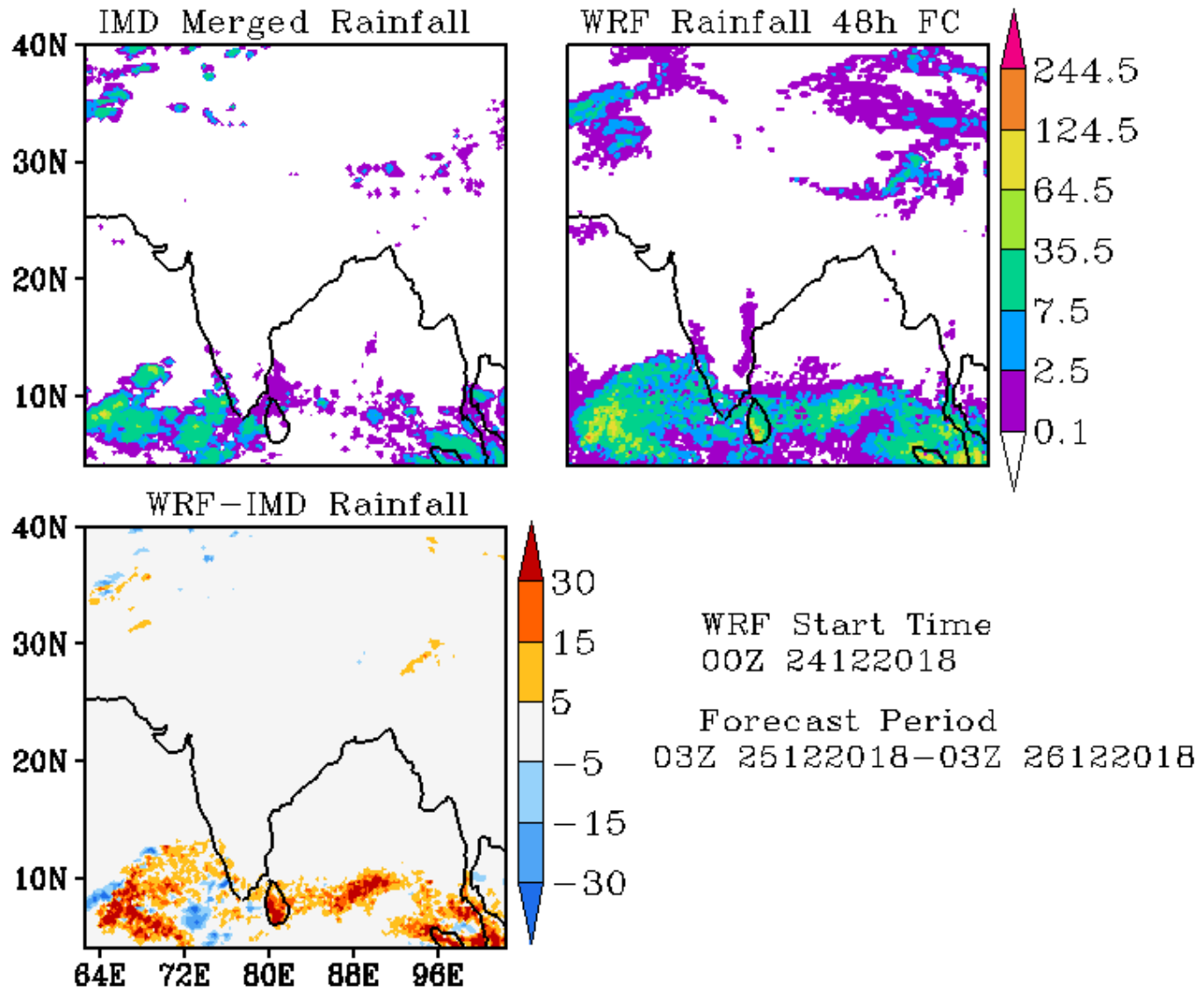


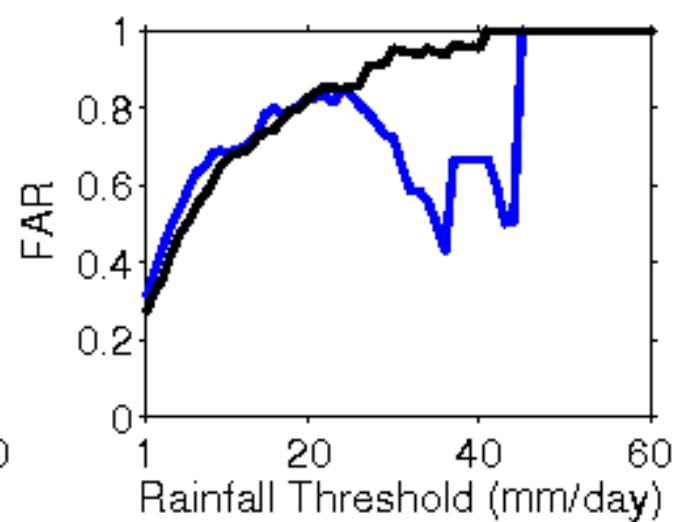
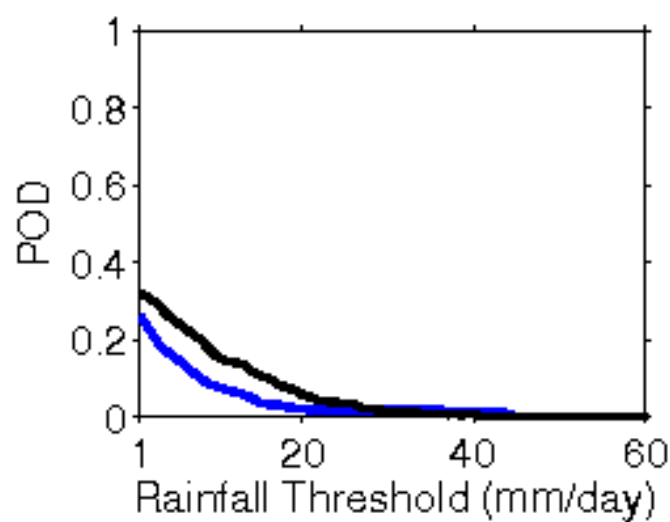
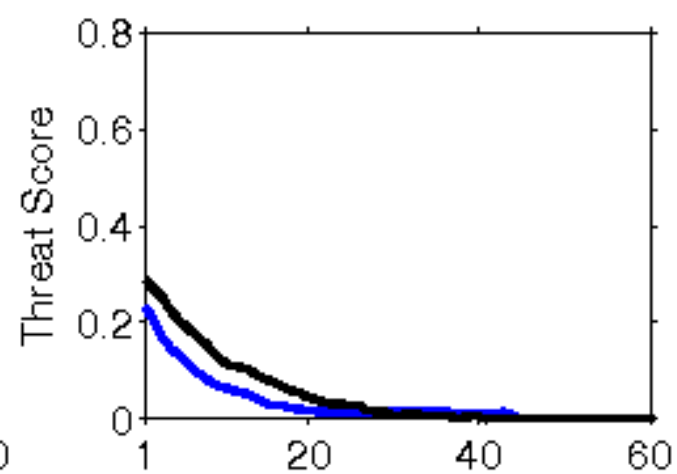
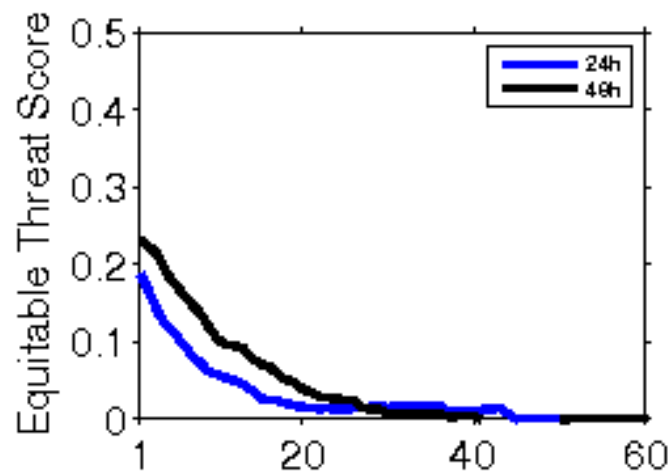


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 24-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.88(-0.51)	16.88(6.94)	2.29(1.13)
<b>48 Hour</b>	2.17(0.07)	18.18(7.12)	2.18(1.40)
<b>72 Hour</b>	2.55(0.51)	18.59(7.61)	2.26(1.48)



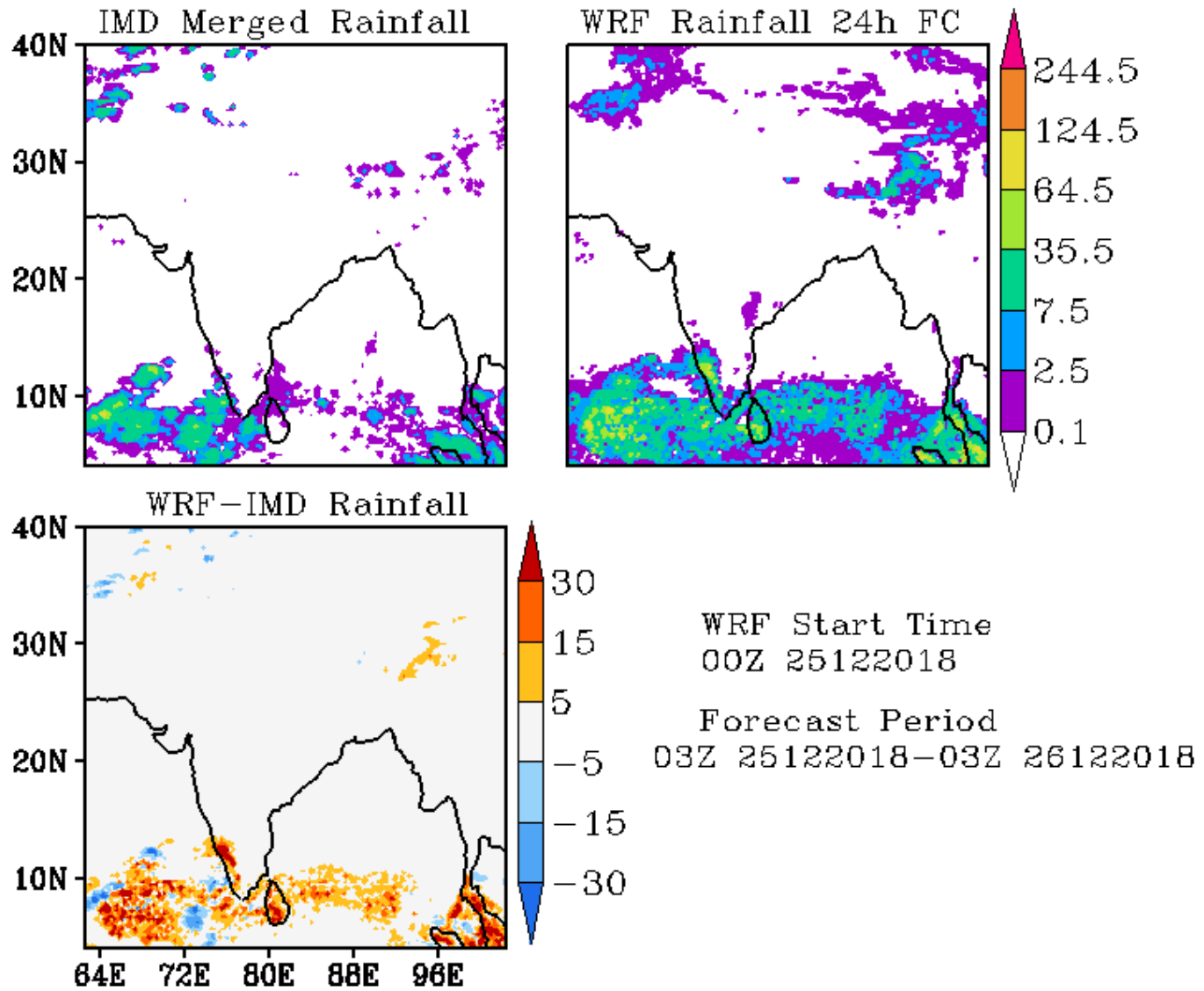


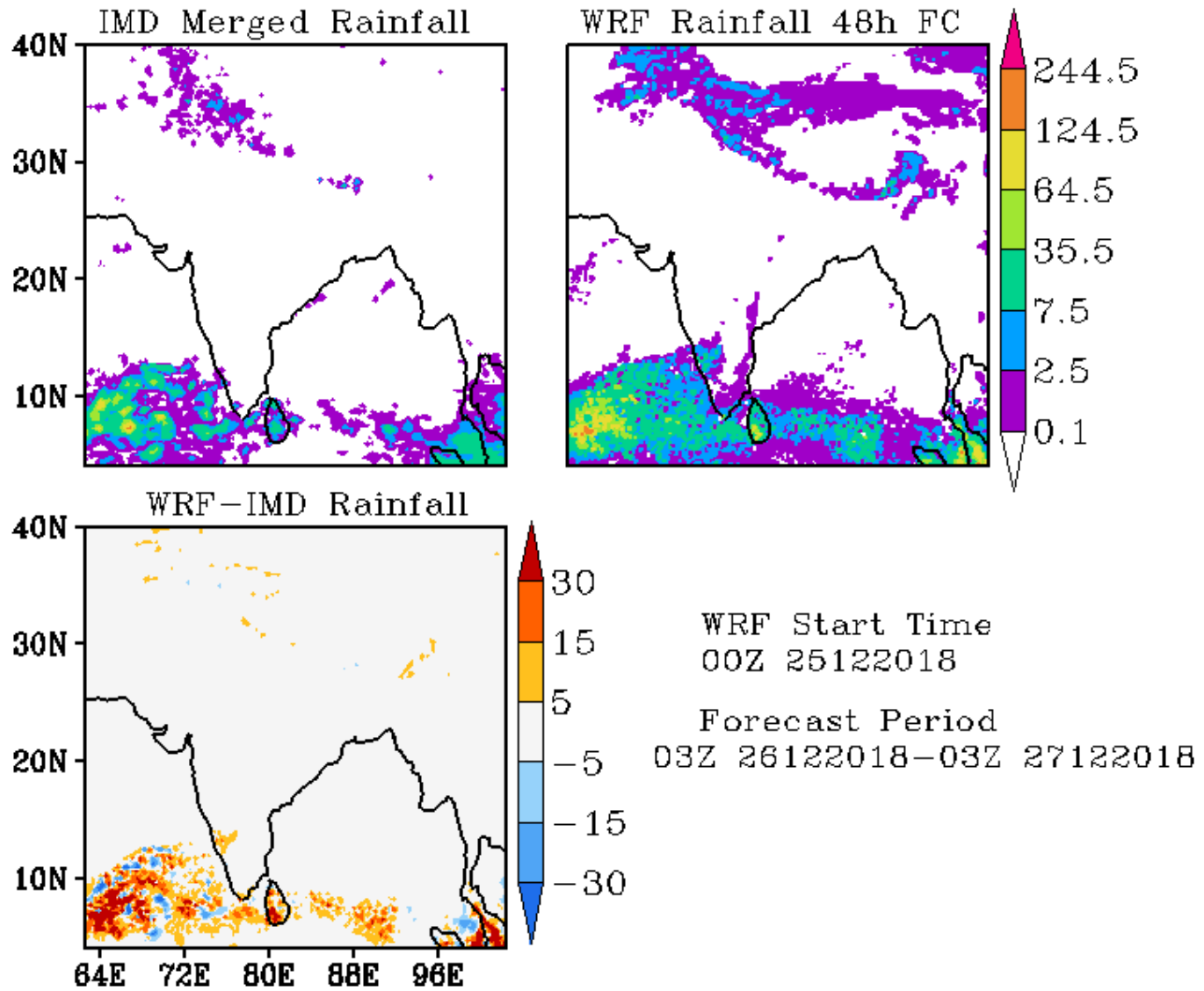


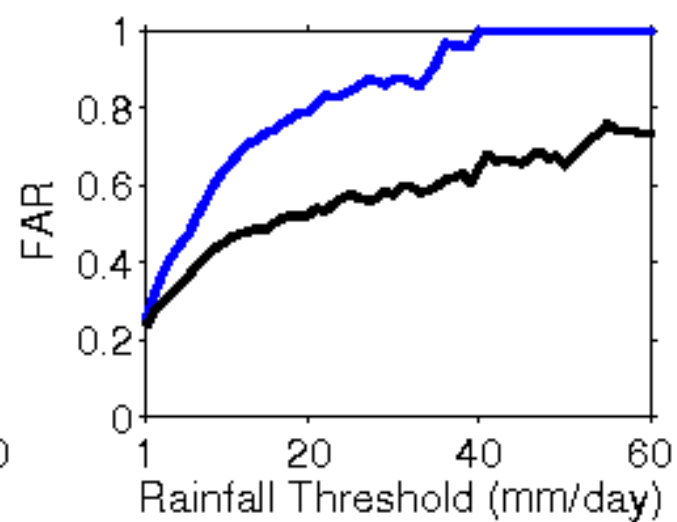
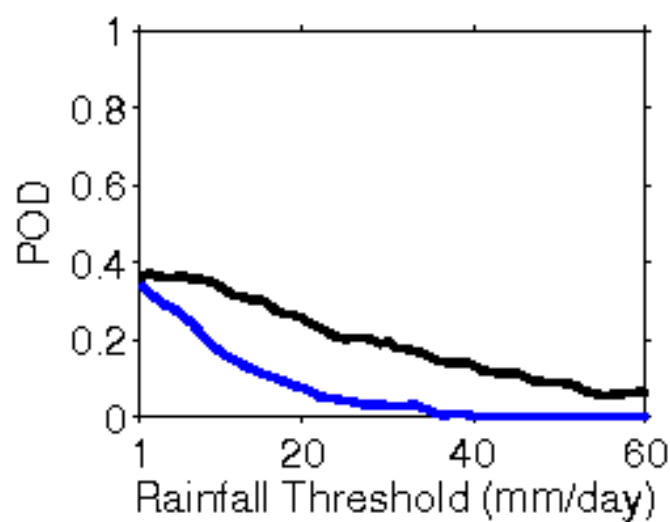
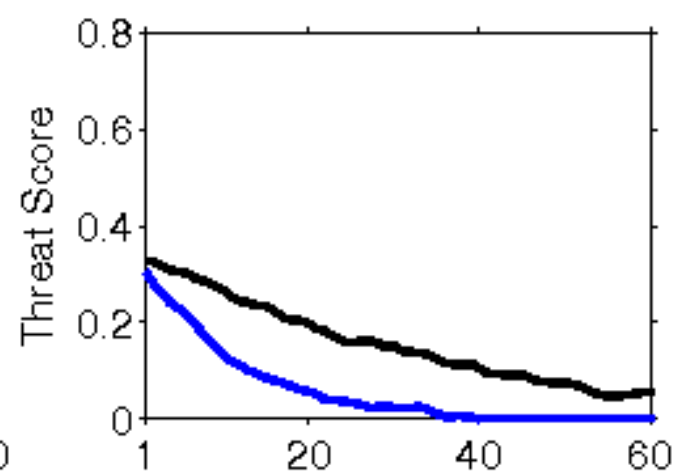
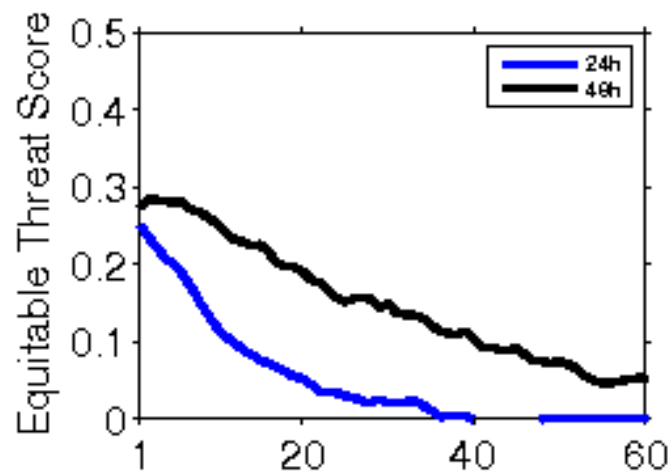


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 25-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.93(-0.86)	18.41(7.68)	2.07(1.08)
<b>48 Hour</b>	2.24(-0.27)	19.51(8.24)	2.19(1.13)
<b>72 Hour</b>	2.56(0.36)	21.91(9.00)	2.50(1.46)

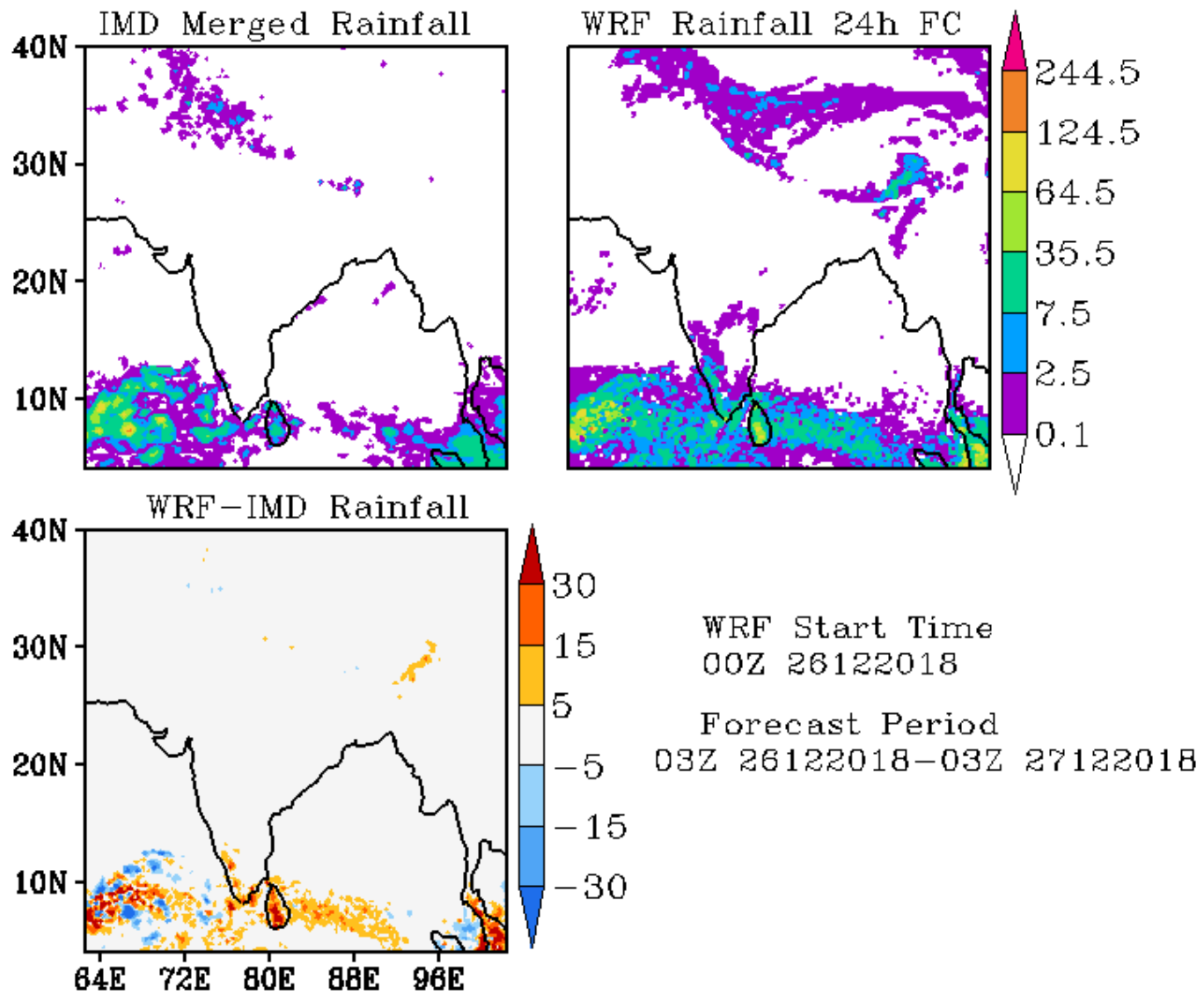


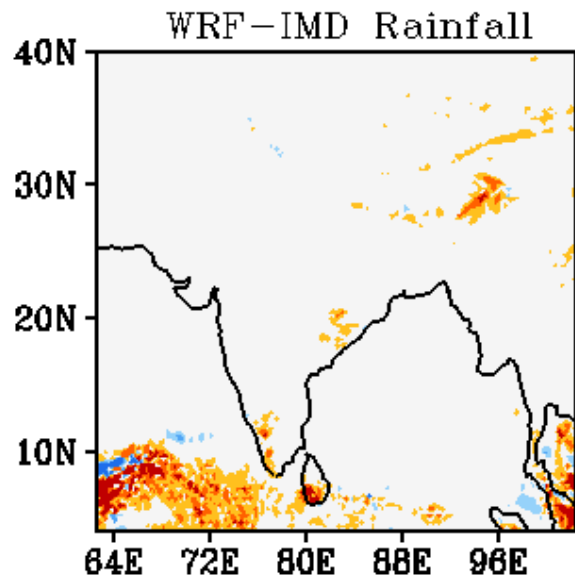
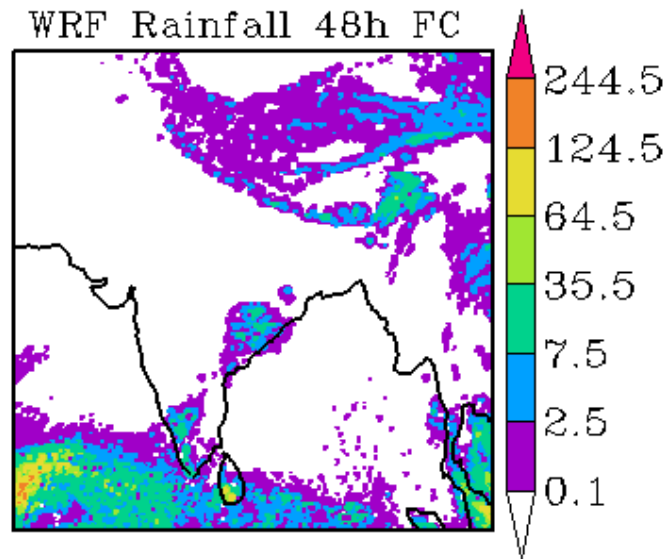
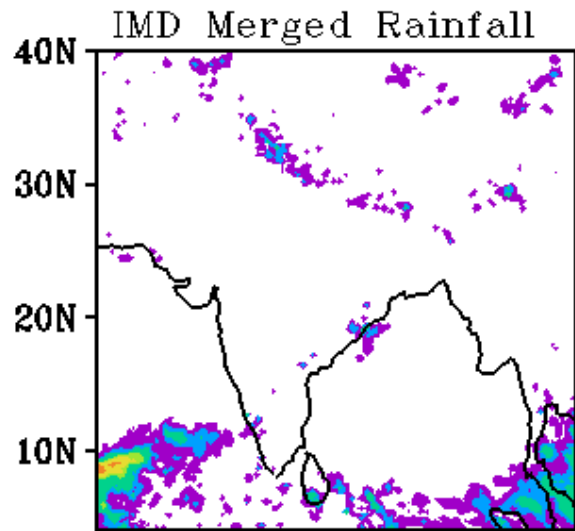




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 26-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

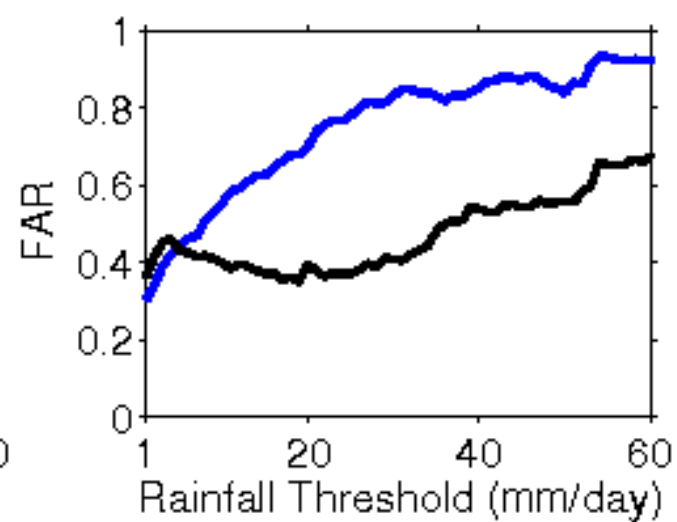
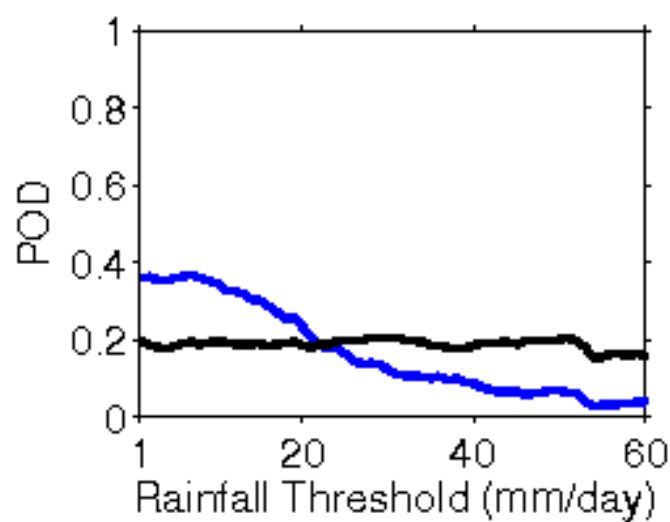
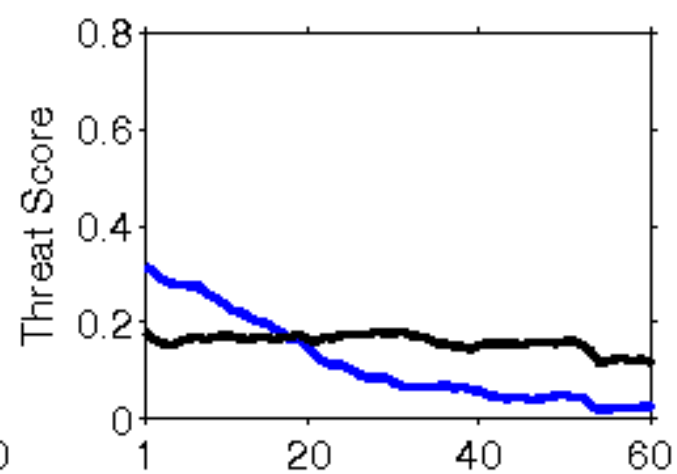
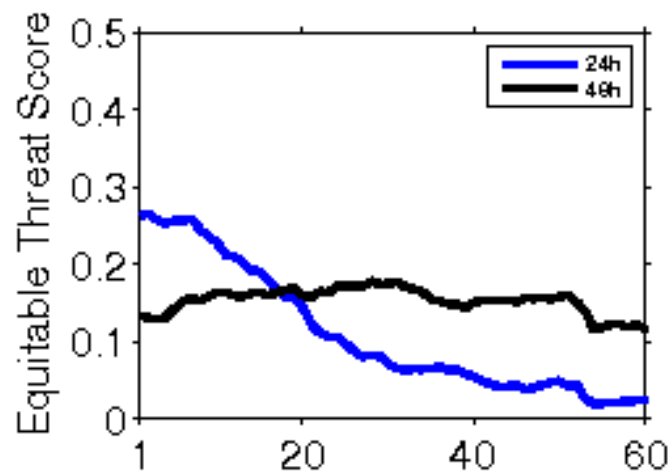
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.92(-0.87)	19.49(8.28)	1.96(0.92)
<b>48 Hour</b>	2.47(-0.48)	22.57(8.50)	2.45(0.98)
<b>72 Hour</b>	3.47(0.11)	23.07(8.50)	2.51(1.09)





WRF Start Time  
00Z 26122018

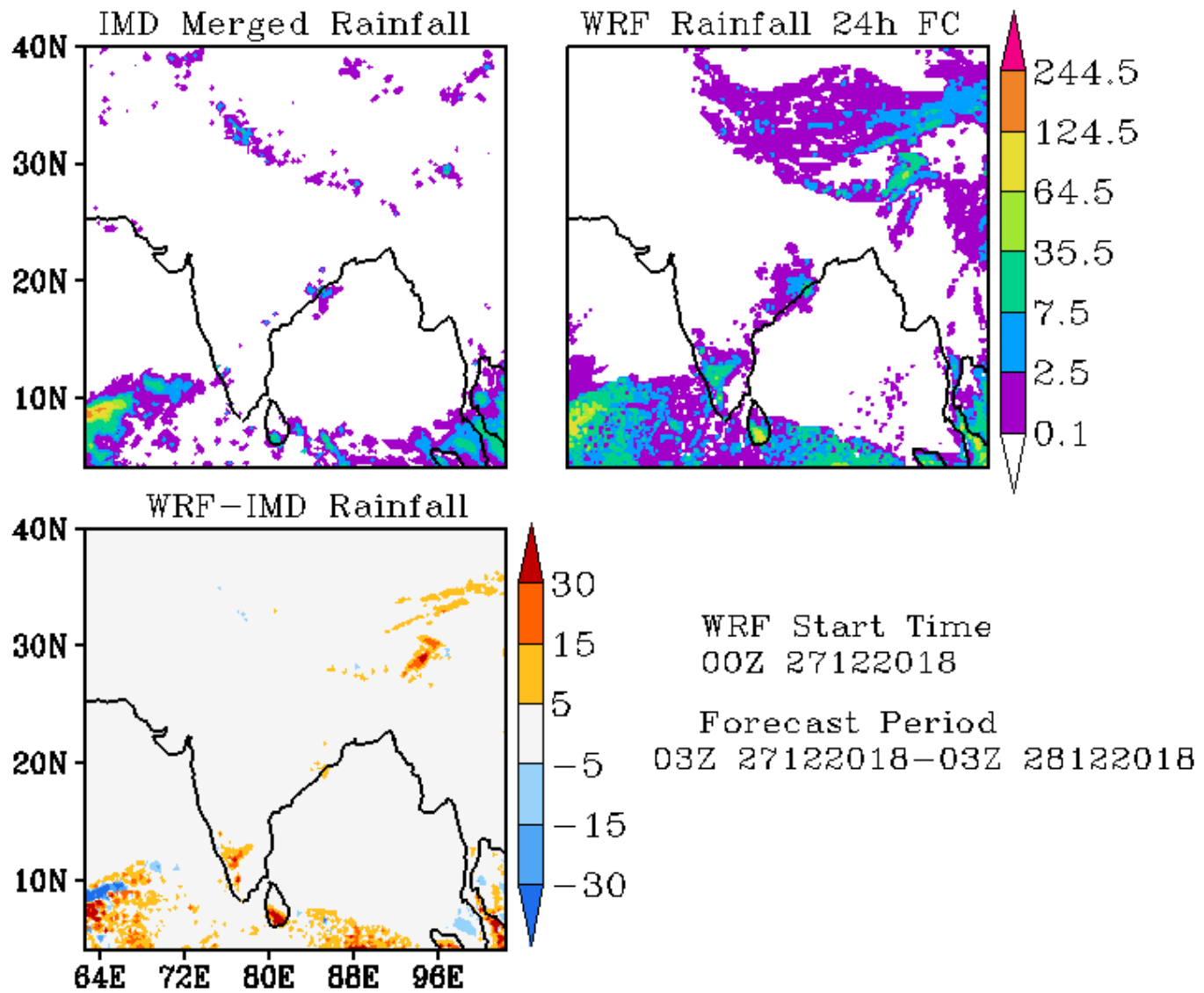
Forecast Period  
03Z 27122018-03Z 28122018

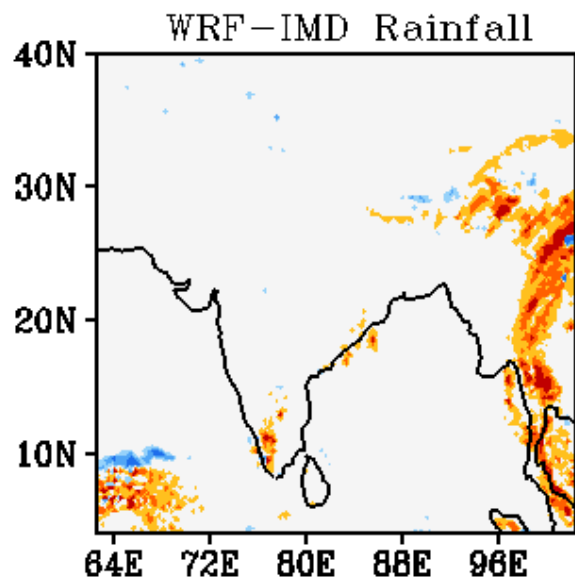
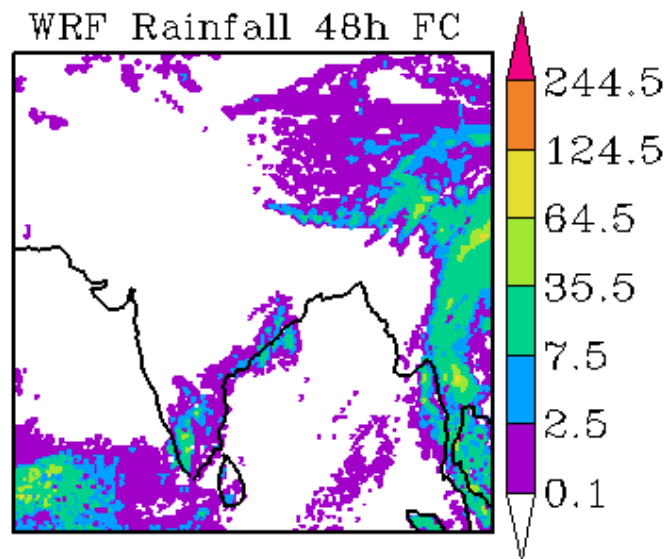
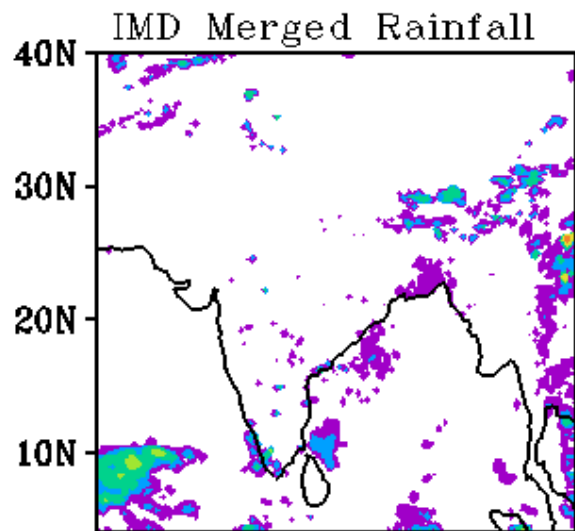




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 27-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

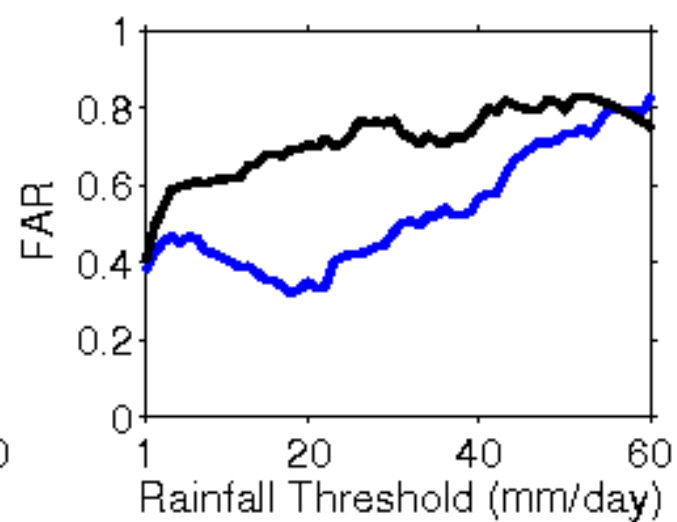
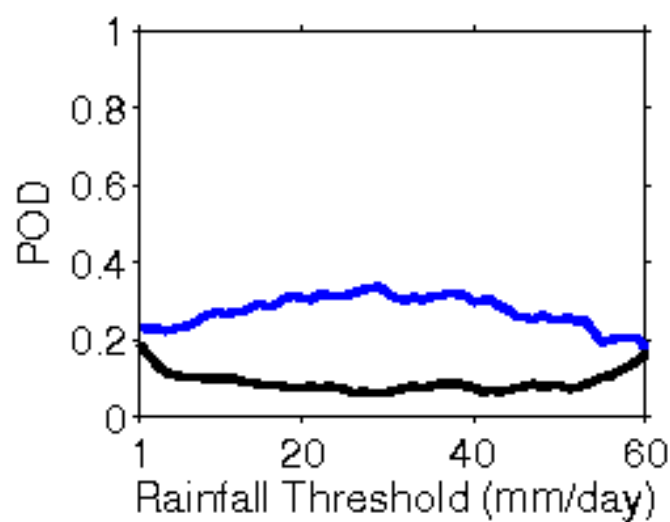
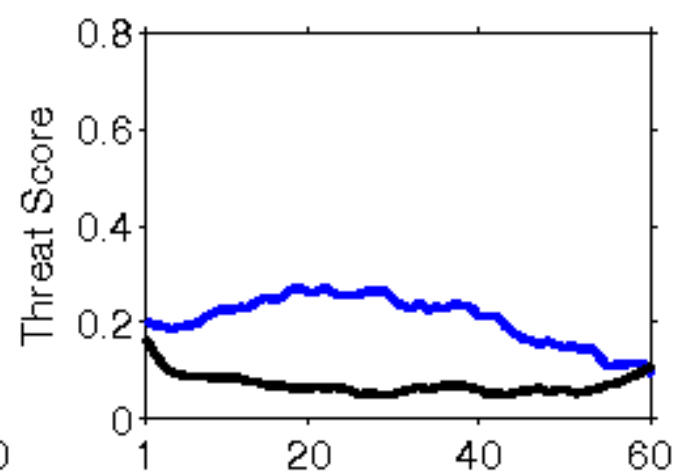
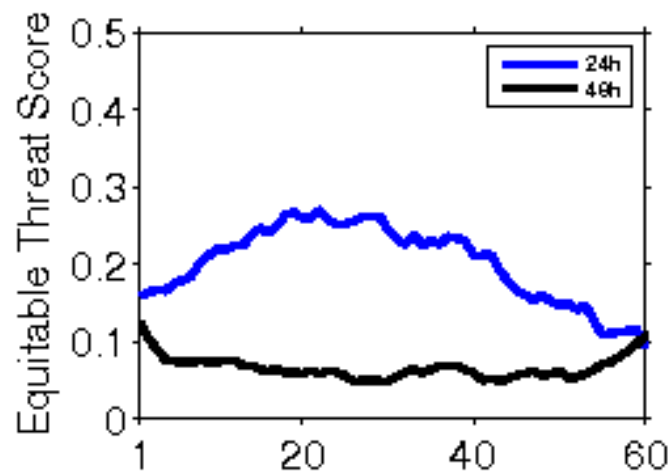
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	2.26(-0.89)	18.46(7.52)	2.12(1.14)
<b>48 Hour</b>	3.09(-0.47)	19.99(6.59)	2.36(1.14)
<b>72 Hour</b>	4.00(0.01)	21.57(7.98)	2.79(1.39)





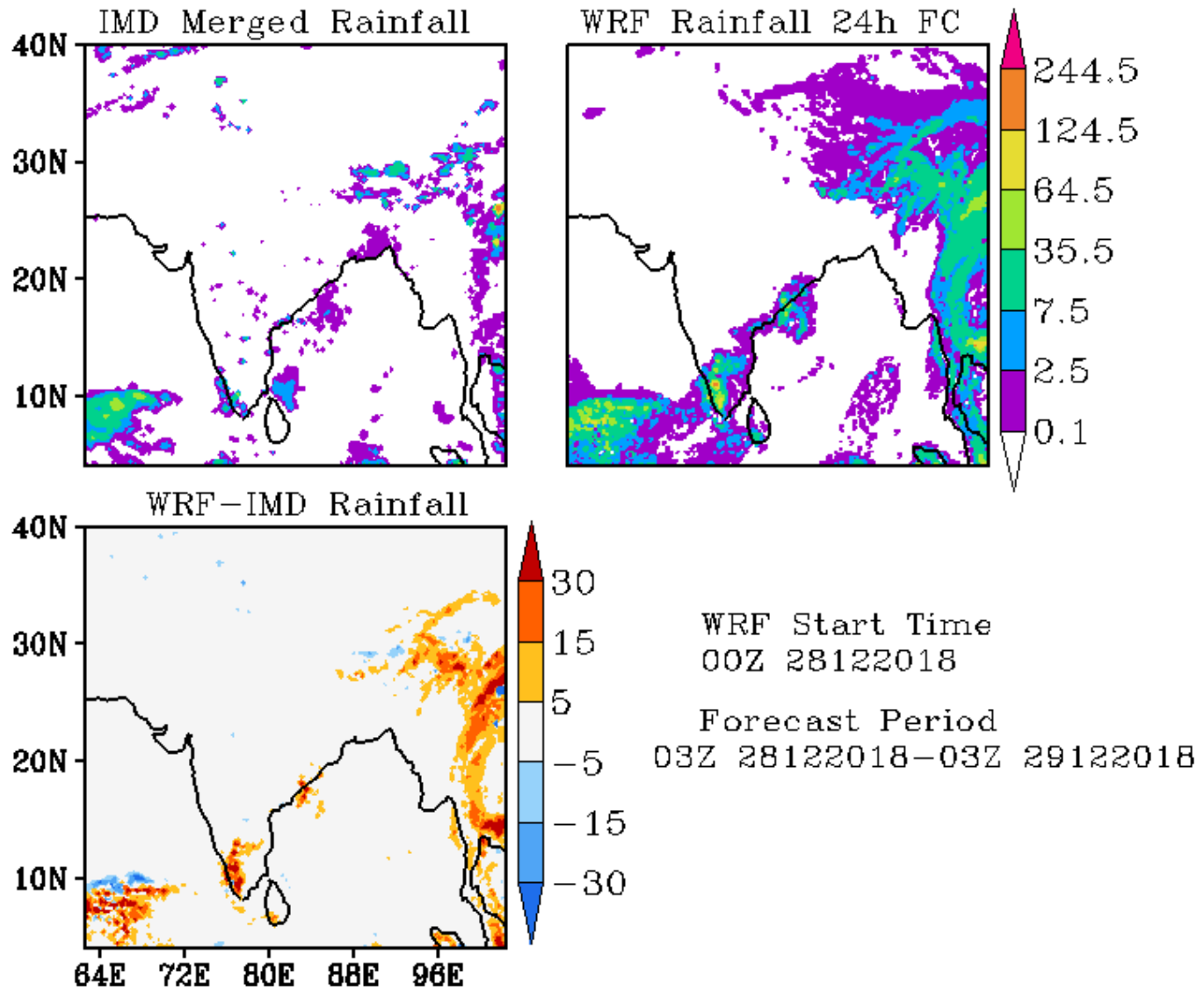
WRF Start Time  
00Z 27122018

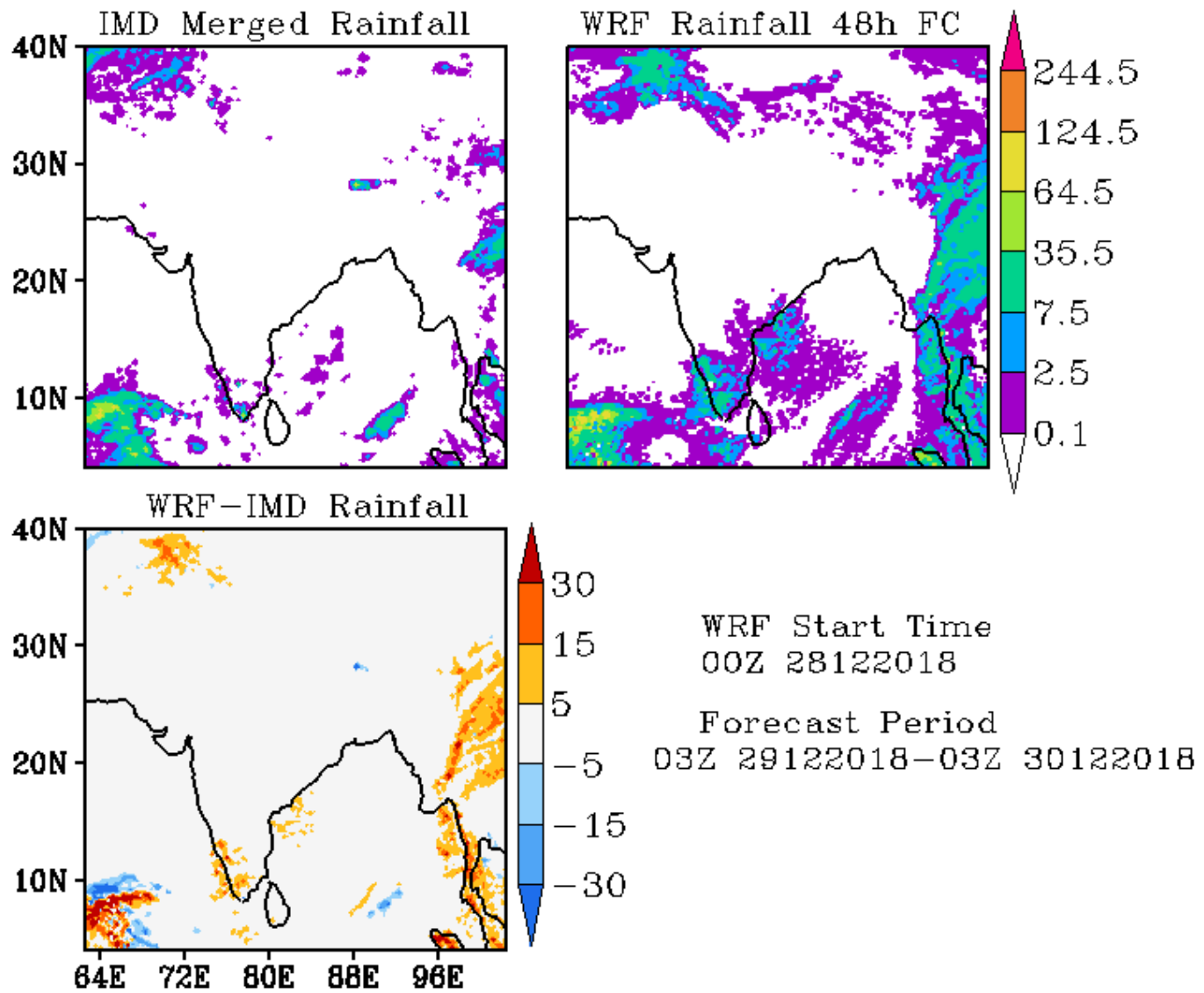
Forecast Period  
03Z 28122018-03Z 29122018

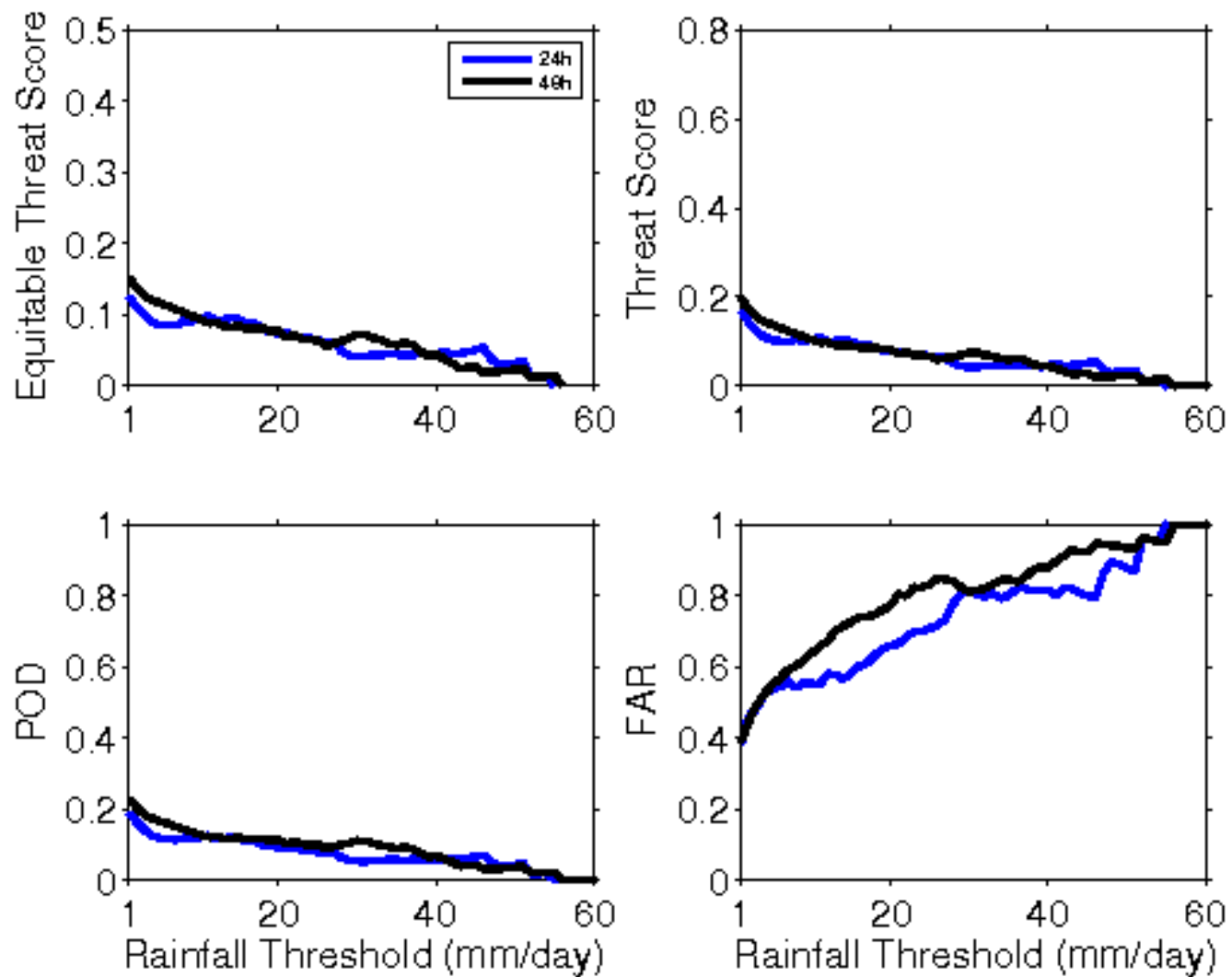


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 28-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	2.08(-0.86)	15.05(6.53)	1.88(0.86)
<b>48 Hour</b>	2.67(-0.73)	17.90(5.21)	2.44(1.01)
<b>72 Hour</b>	2.92(-0.39)	21.89(5.39)	2.98(1.01)



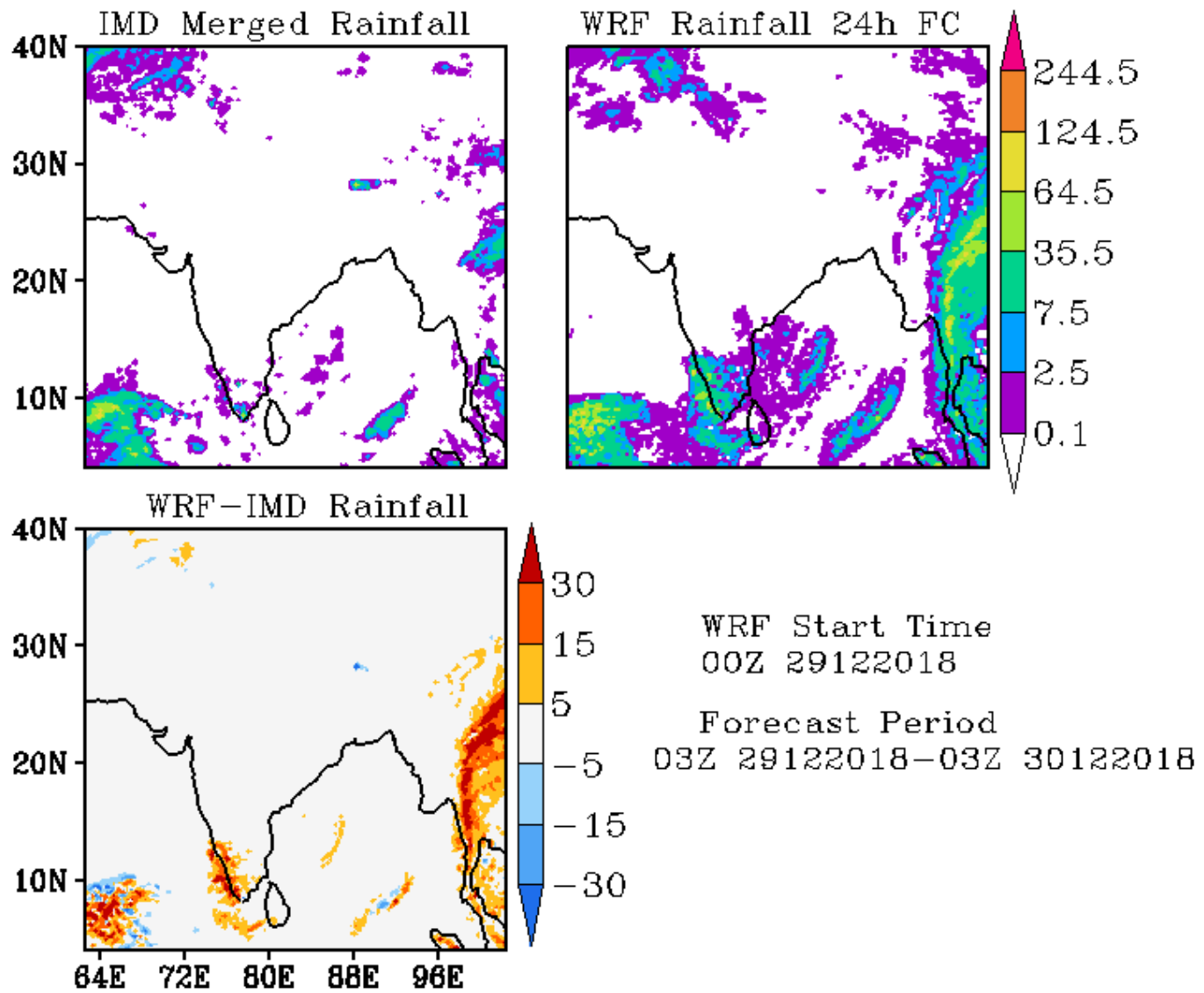


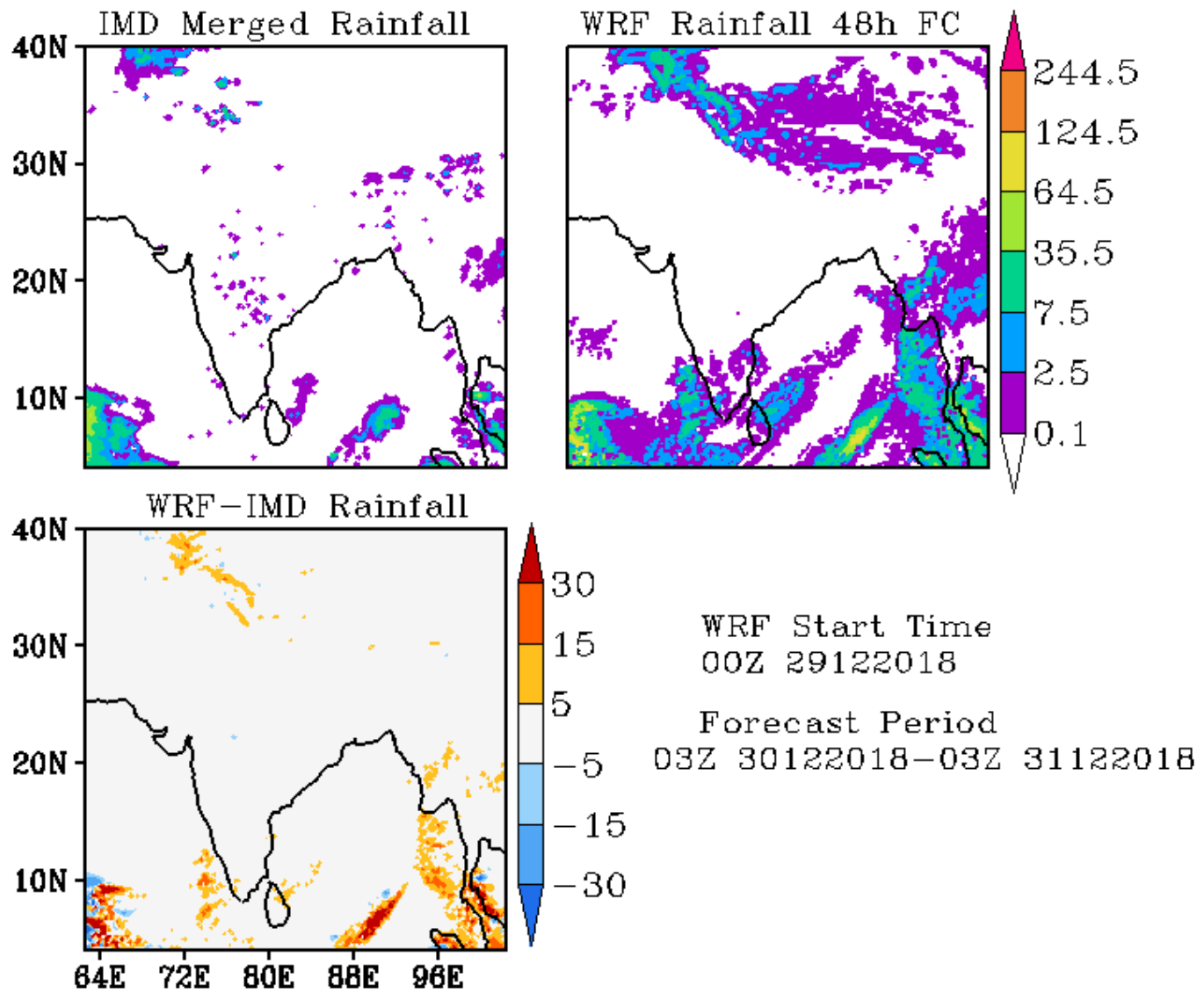


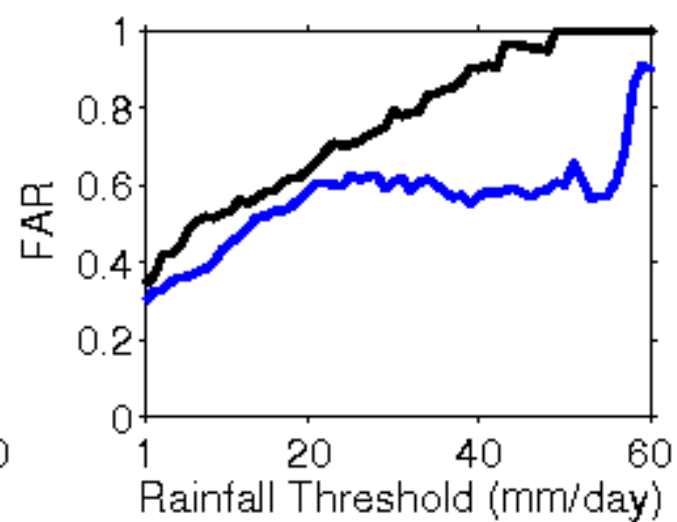
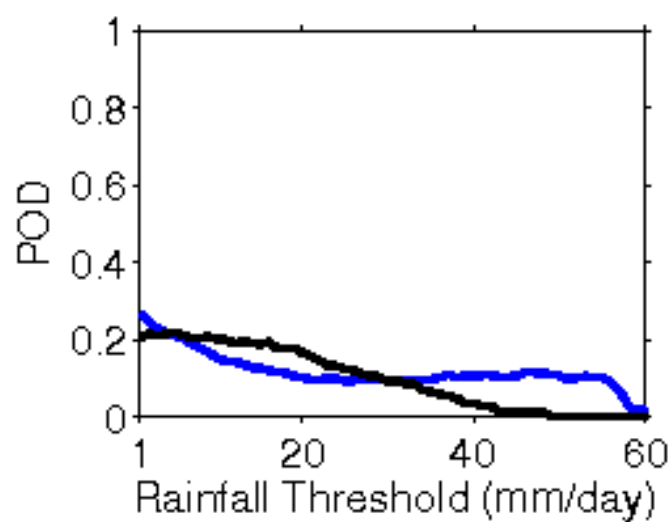
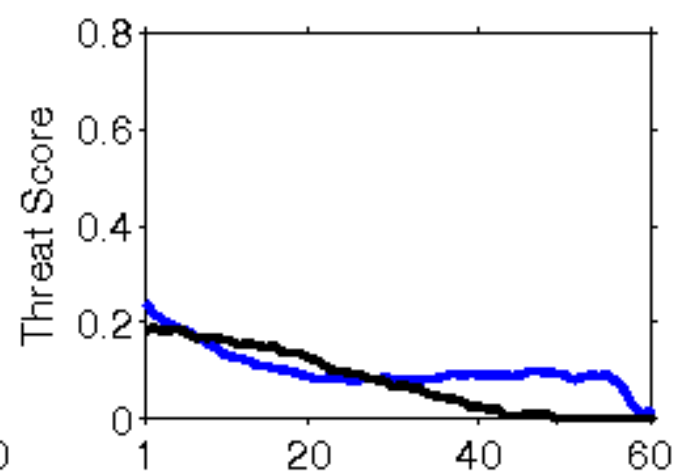
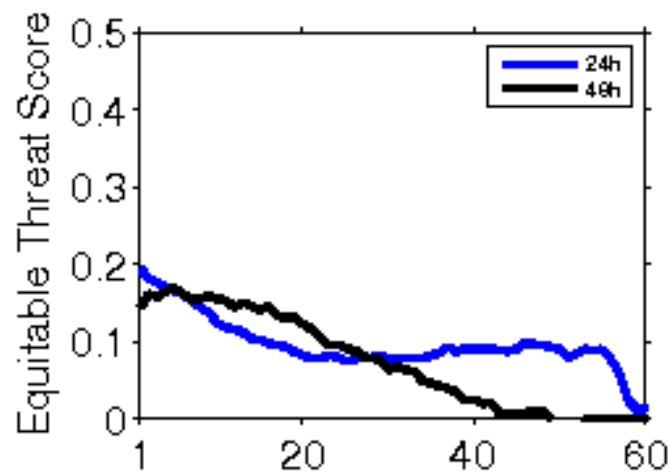


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 29-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.95(-0.78)	16.99(7.72)	2.12(0.99)
<b>48 Hour</b>	2.52(-0.59)	22.38(5.54)	2.52(1.04)
<b>72 Hour</b>	2.65(-0.47)	24.57(5.06)	2.87(1.10)

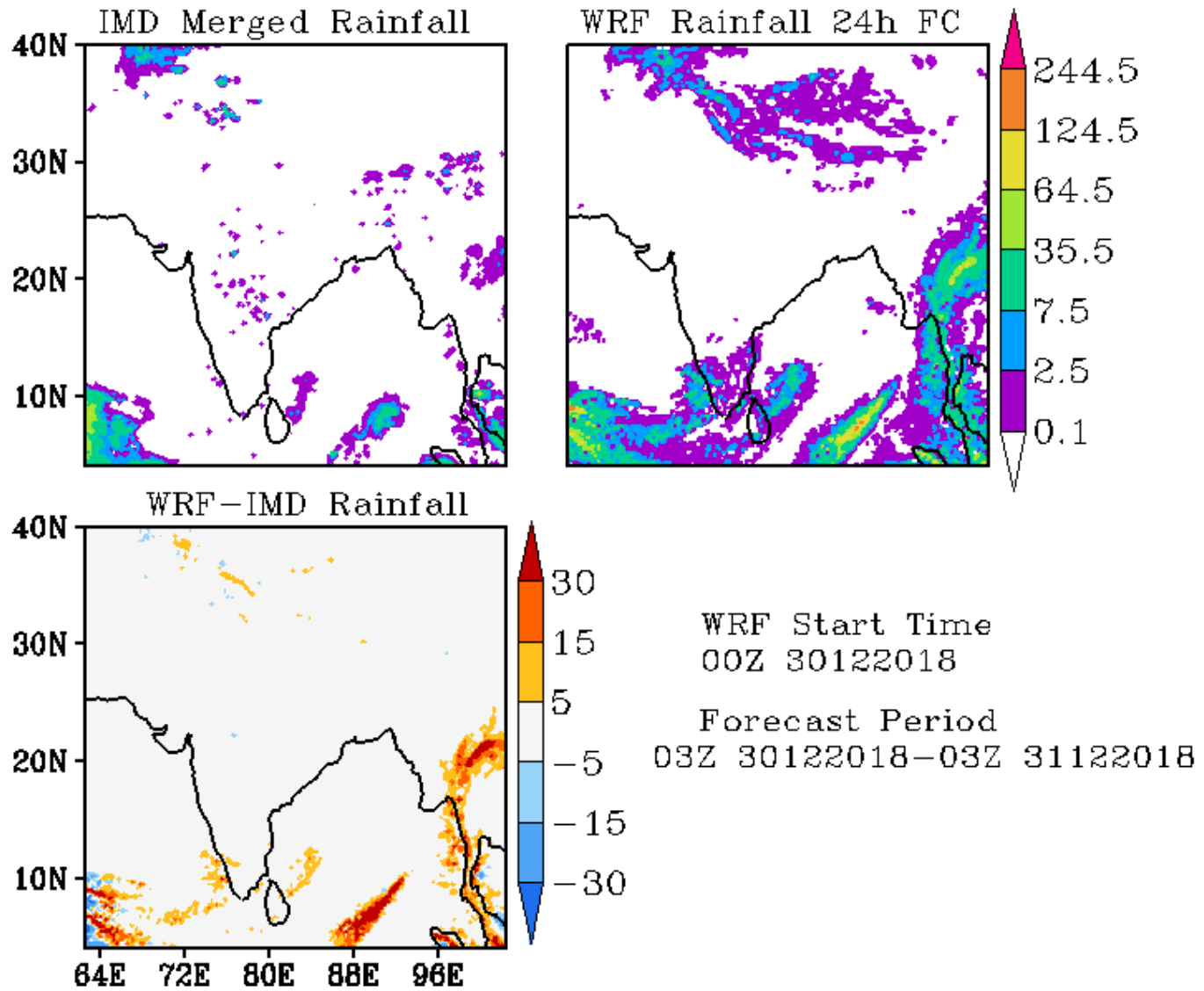






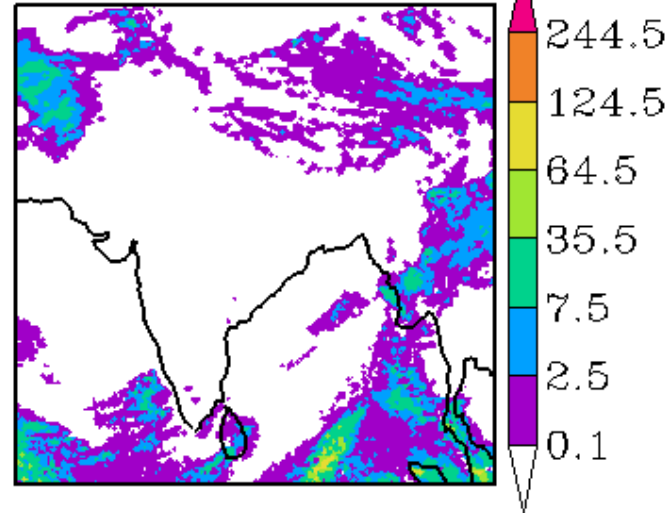
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 30-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.79(-0.34)	16.58(8.79)	2.06(1.18)
<b>48 Hour</b>	2.25(-0.07)	22.99(7.96)	2.45(1.34)
<b>72 Hour</b>	2.71(-0.11)	22.94(6.28)	2.59(1.38)

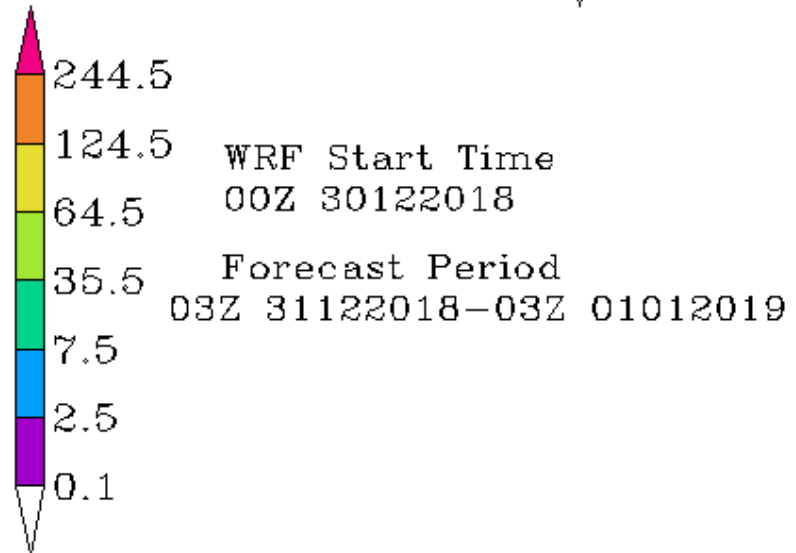


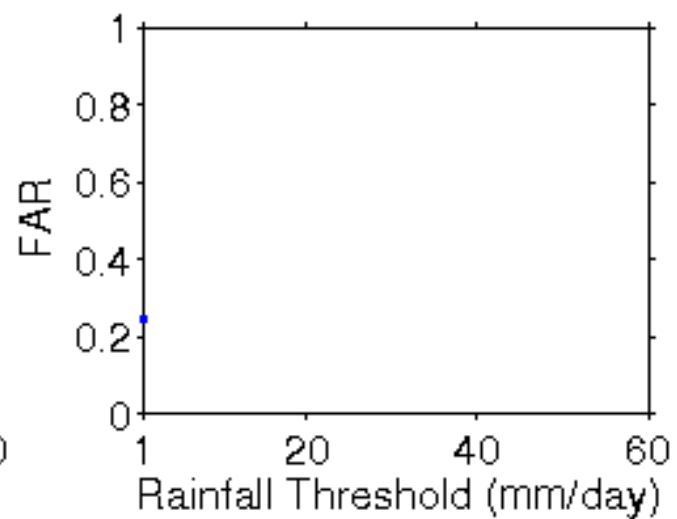
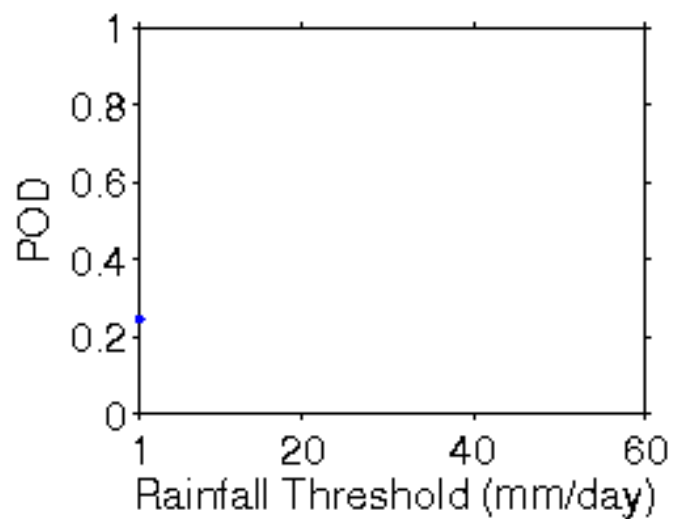
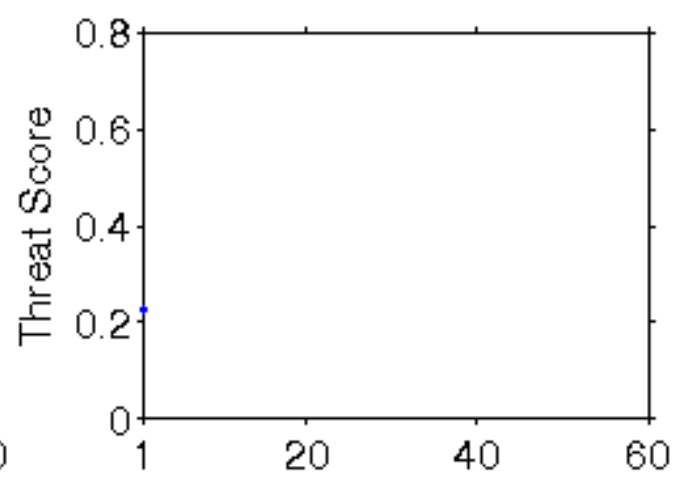
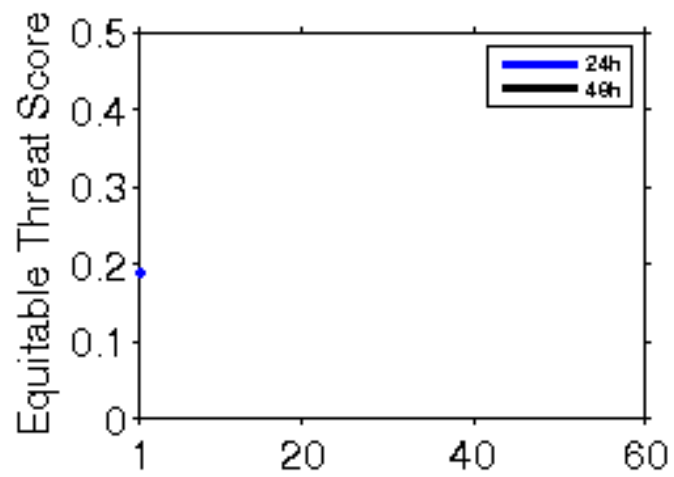
IMD Merged Rainfall

WRF Rainfall 48h FC



WRF-IMD Rainfall







**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 31-12-18  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.79(-0.60)	17.91(9.54)	2.11(1.23)
<b>48 Hour</b>	2.26(-0.14)	18.63(10.10)	2.35(1.47)
<b>72 Hour</b>	2.35(-0.19)	20.11(8.96)	2.81(1.68)