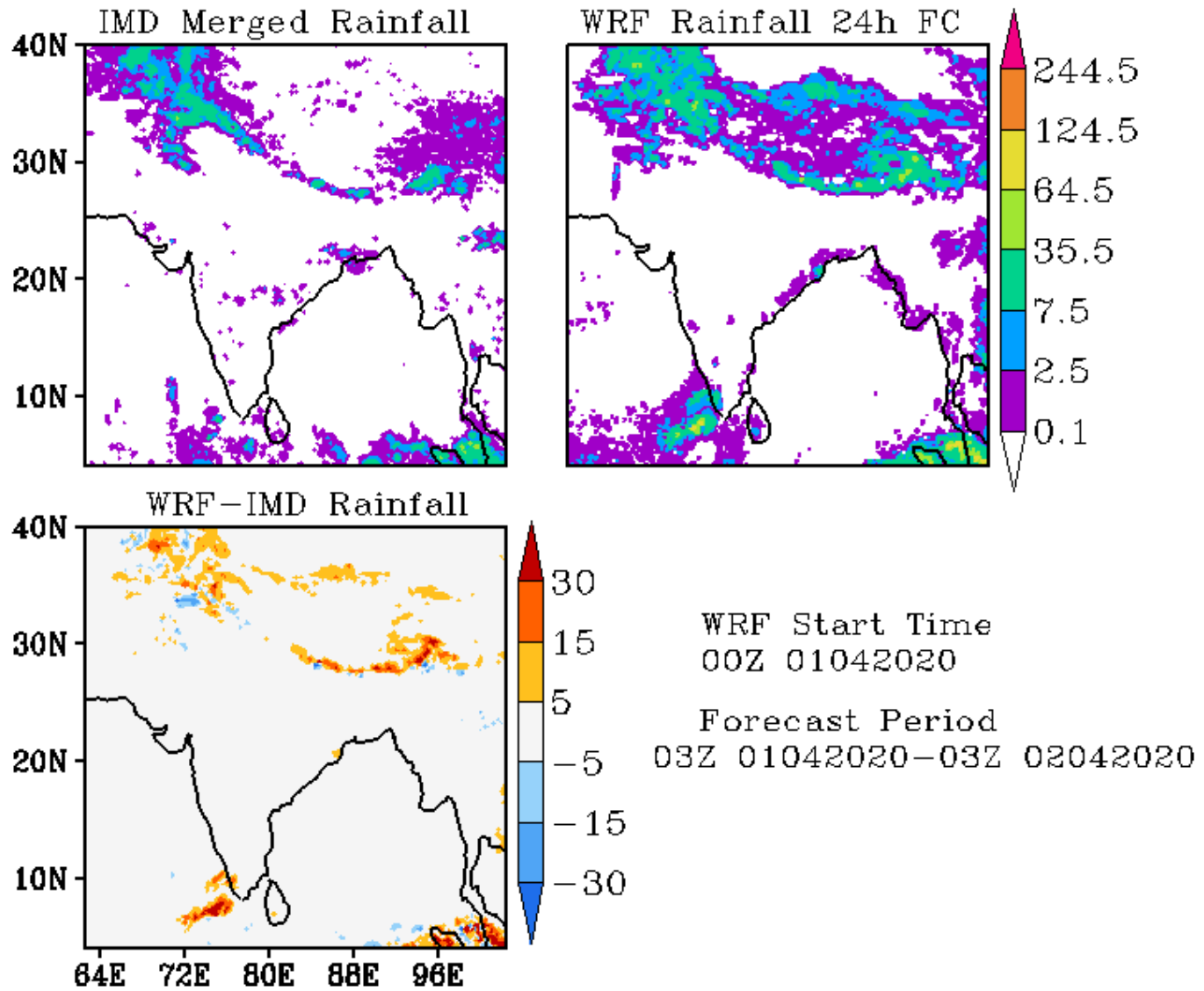
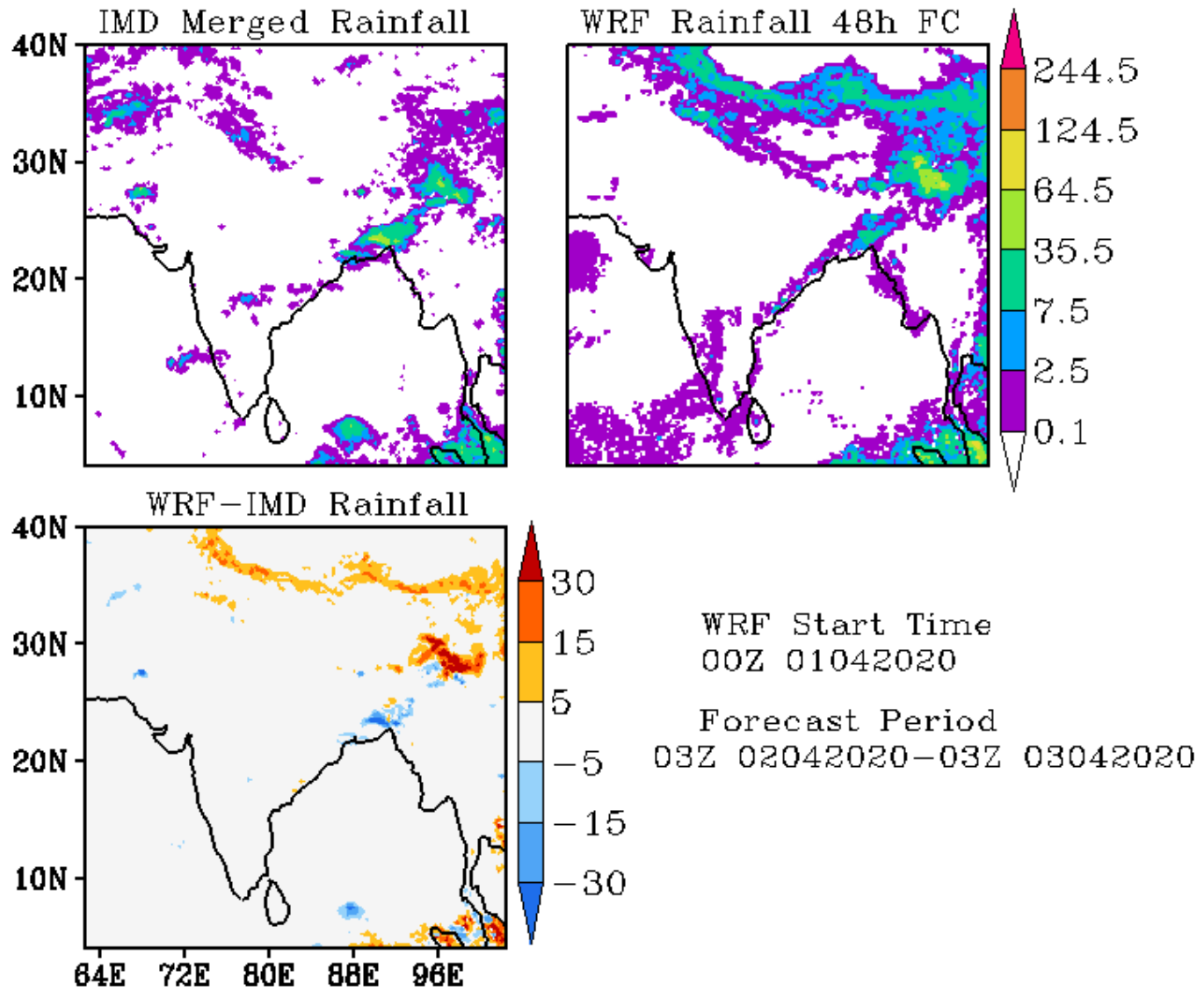
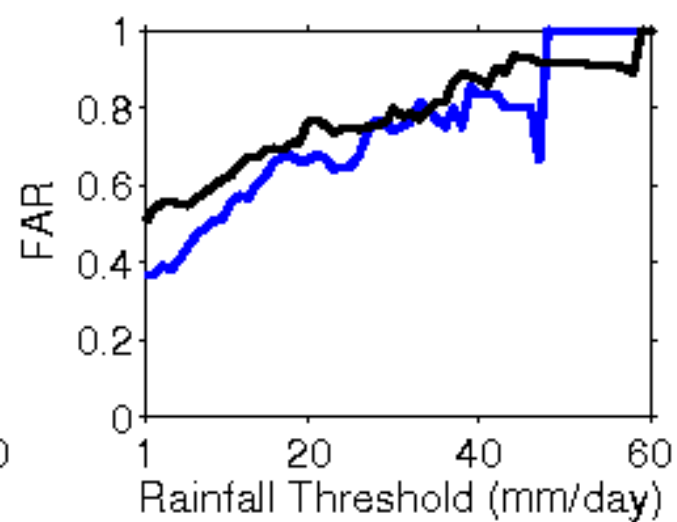
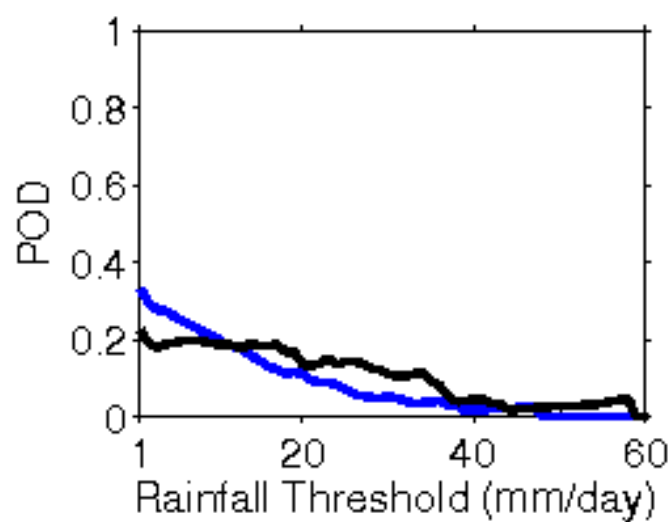
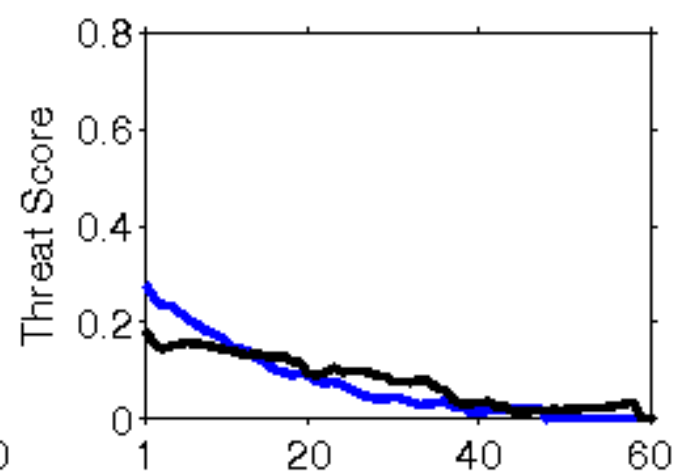
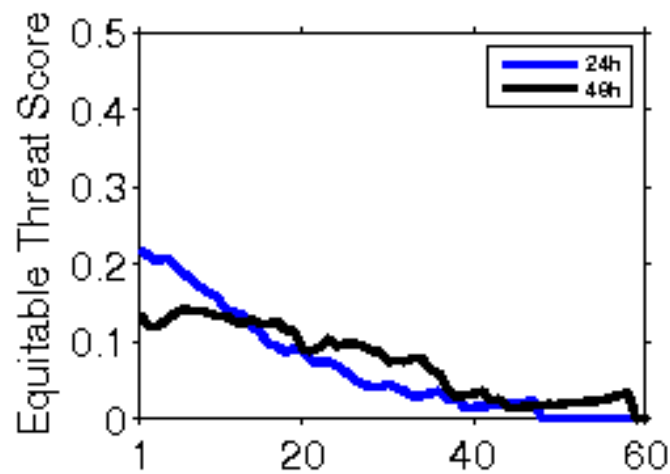


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 01-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	2.06(-0.67)	17.40(8.30)	2.26(1.17)
<b>48 Hour</b>	2.56(-0.03)	20.82(8.99)	2.88(1.46)
<b>72 Hour</b>	2.69(0.29)	25.05(6.27)	2.91(1.40)

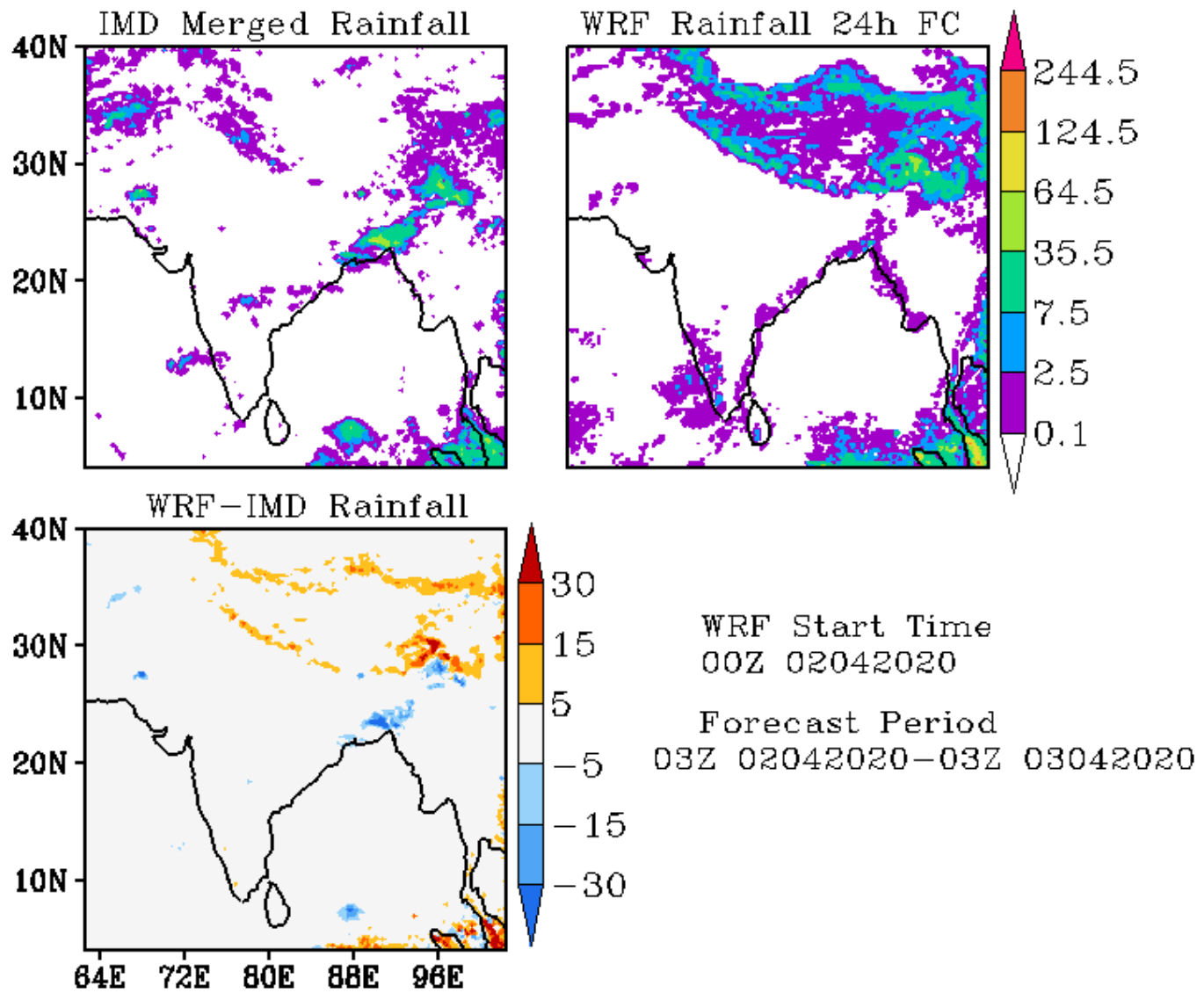


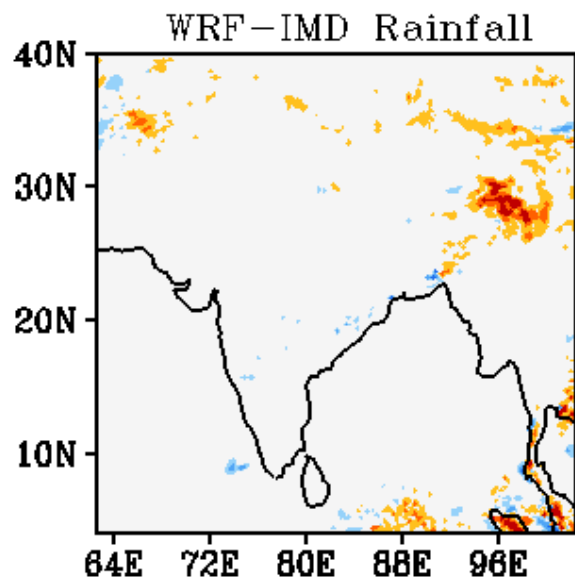
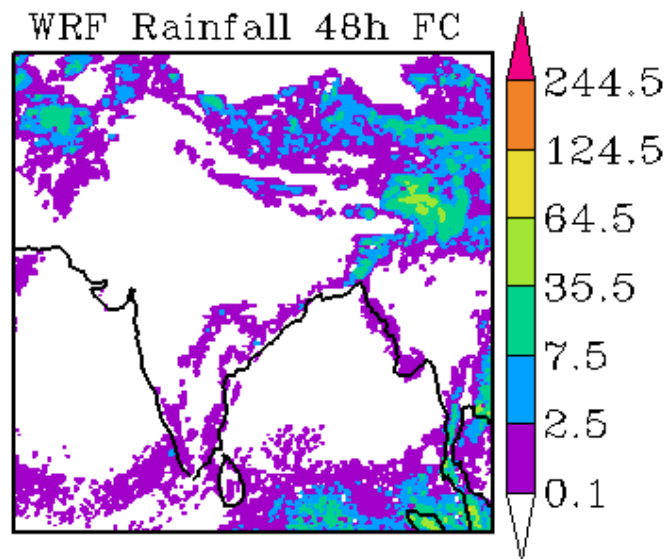
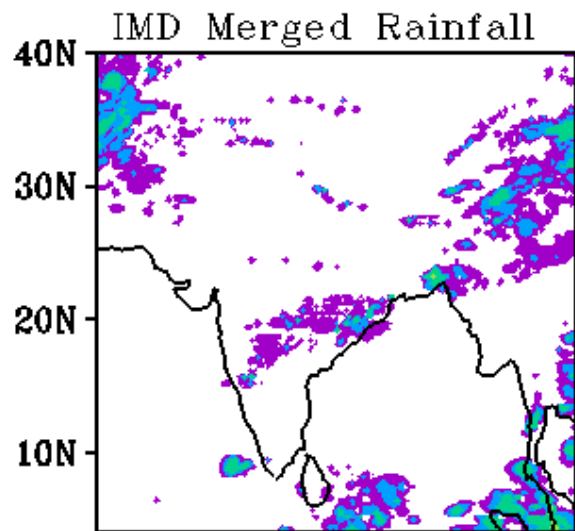




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 02-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	2.06(-0.78)	17.63(5.68)	2.44(1.46)
<b>48 Hour</b>	2.65(-0.46)	21.29(6.31)	2.57(1.63)
<b>72 Hour</b>	2.87(0.06)	22.73(6.86)	2.49(1.58)





WRF Start Time  
00Z 02042020

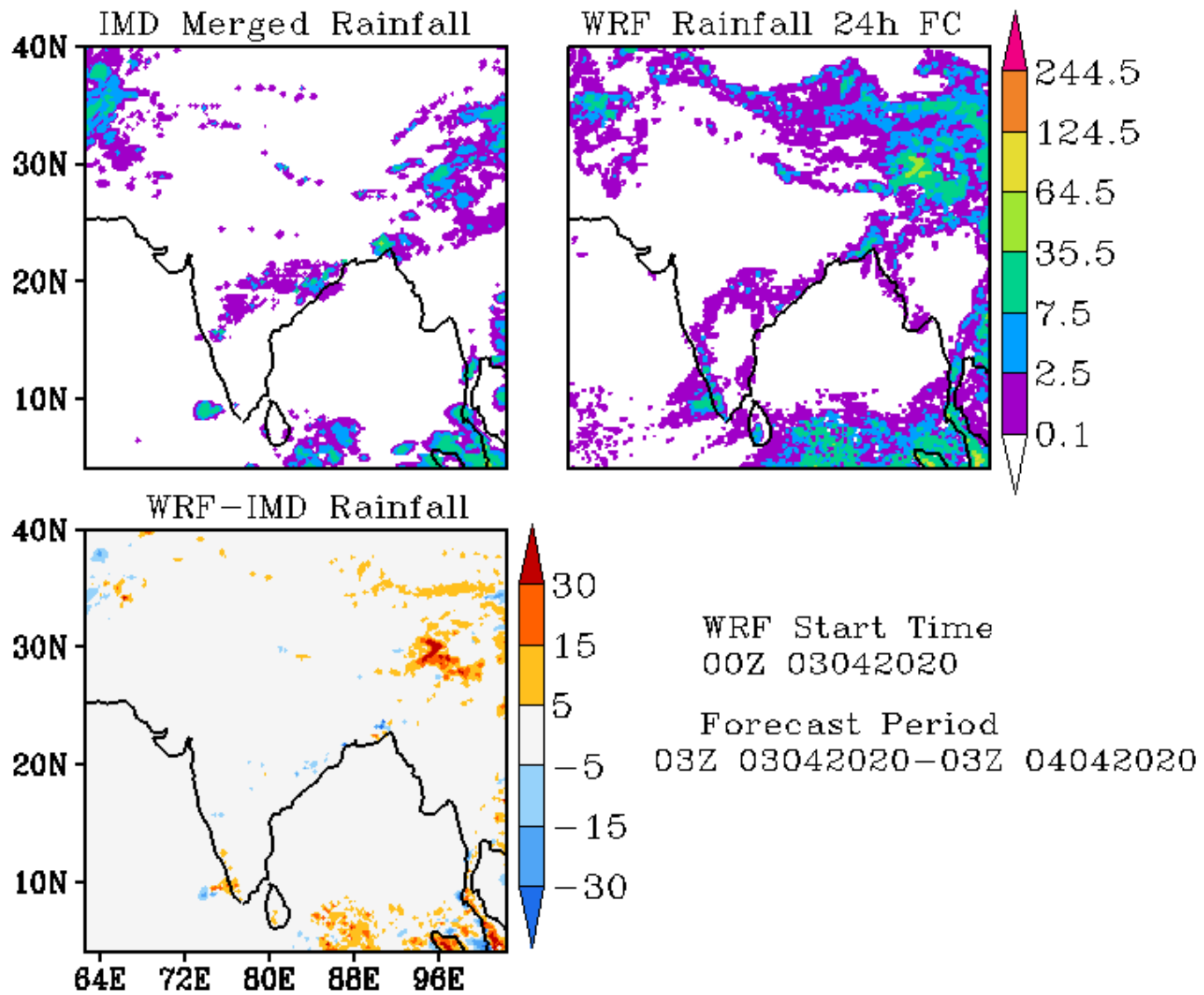
Forecast Period  
03Z 03042020-03Z 04042020

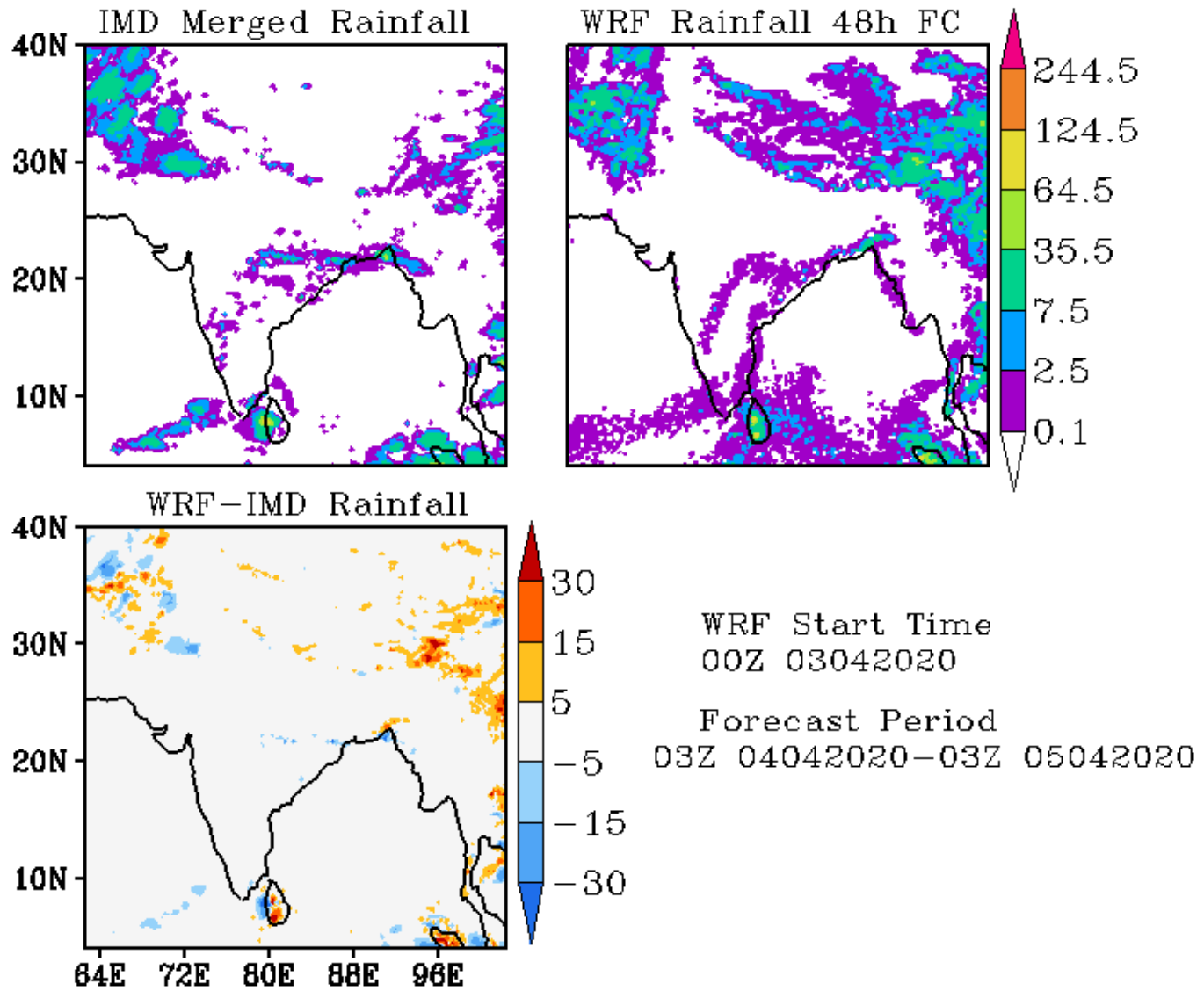


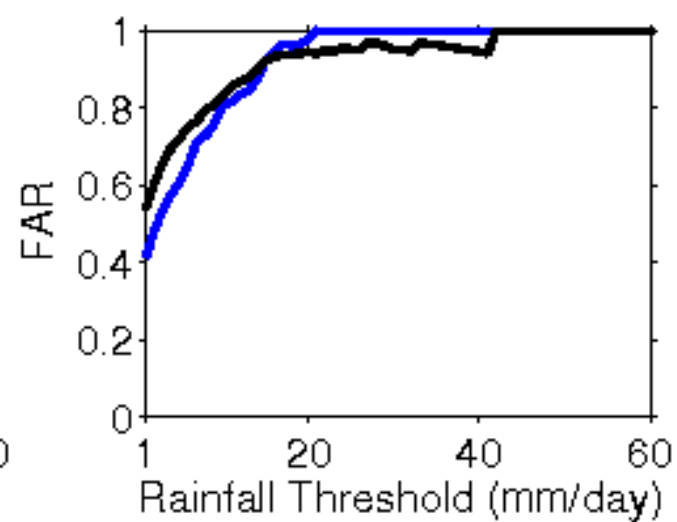
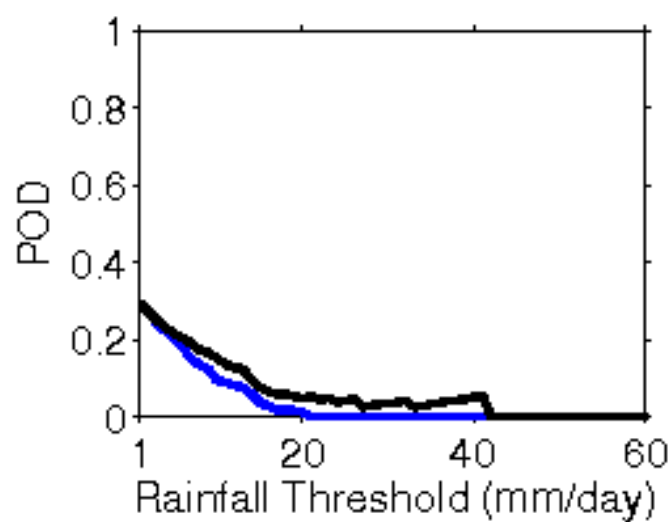
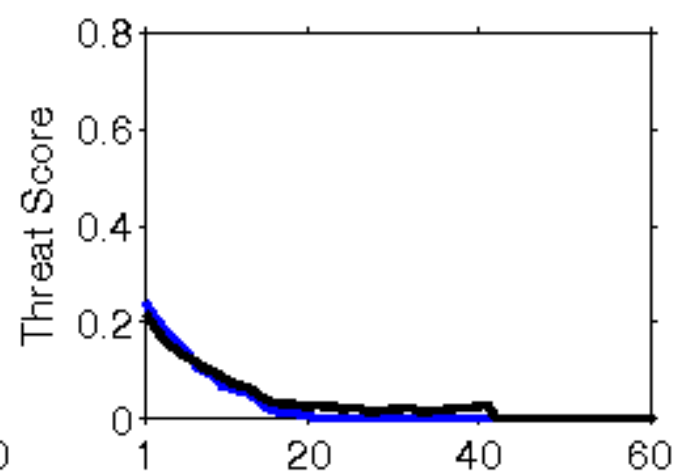
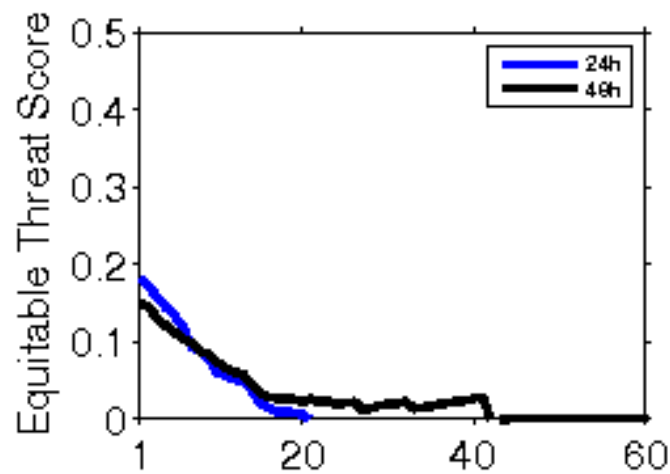


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 03-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	2.34(-1.14)	16.72(4.74)	2.25(1.28)
<b>48 Hour</b>	2.42(-0.87)	18.42(4.97)	2.30(1.44)
<b>72 Hour</b>	2.61(-0.24)	20.05(7.56)	2.32(1.48)

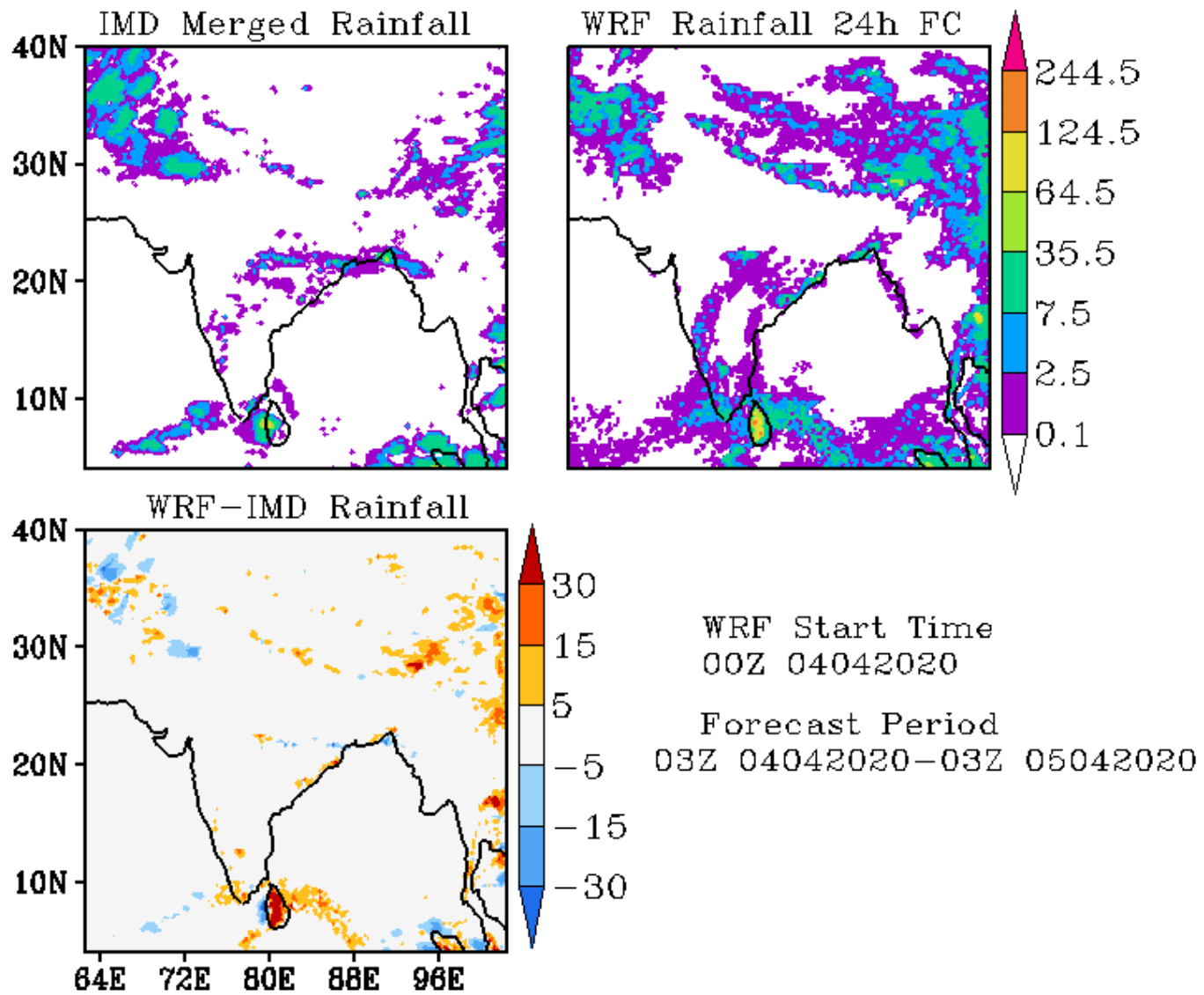


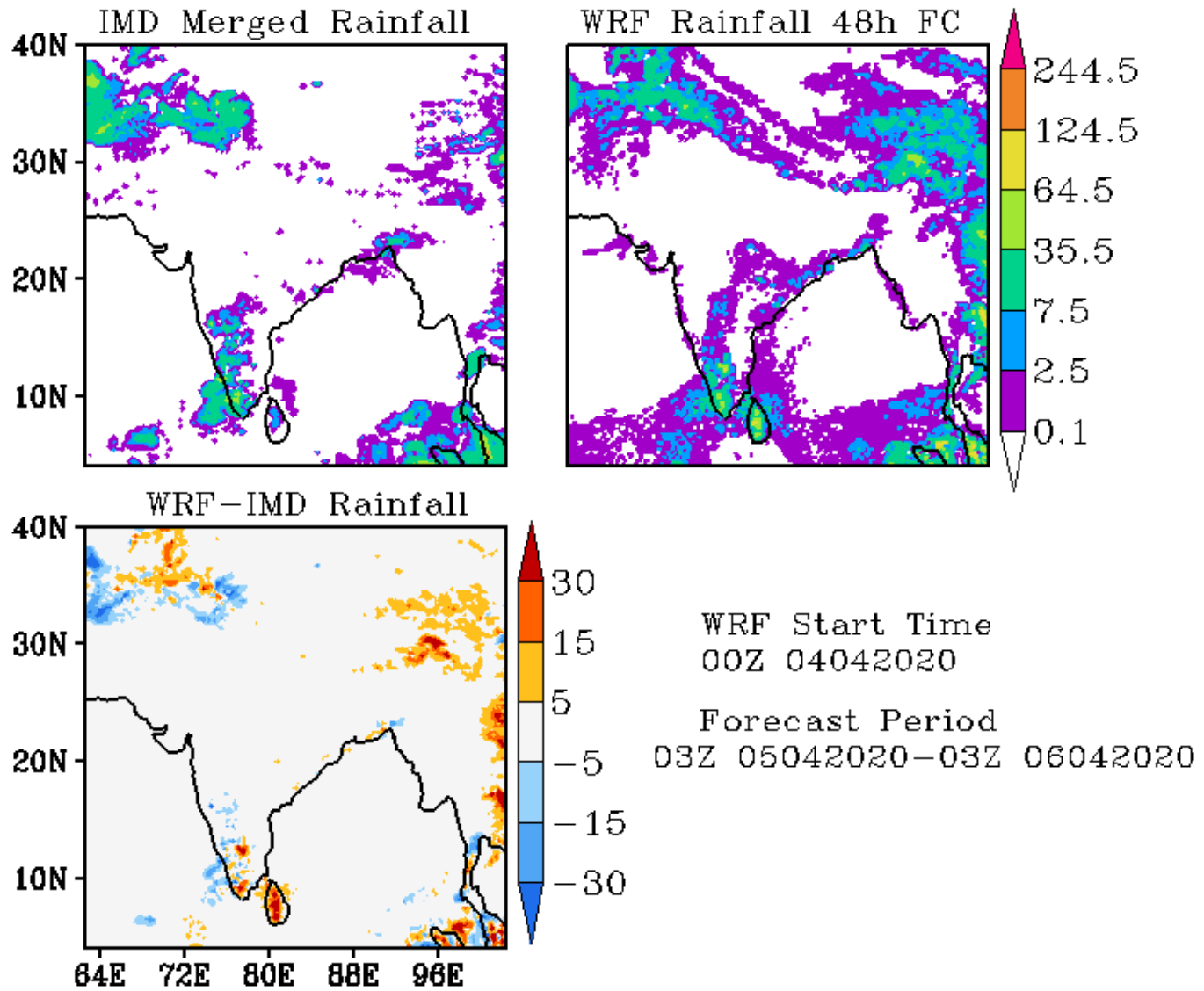


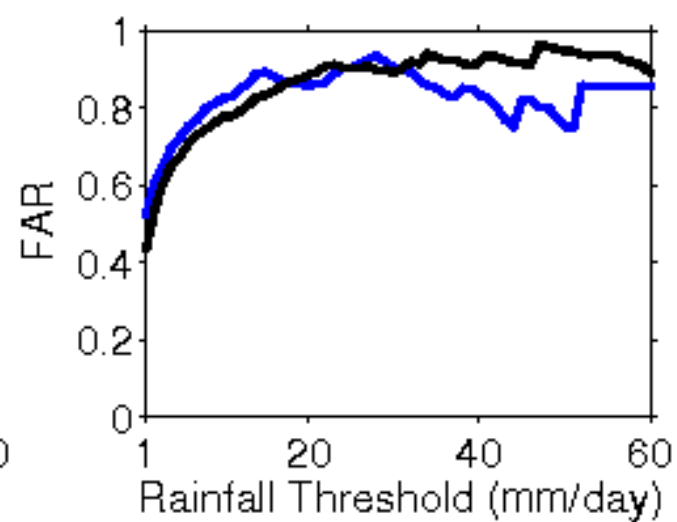
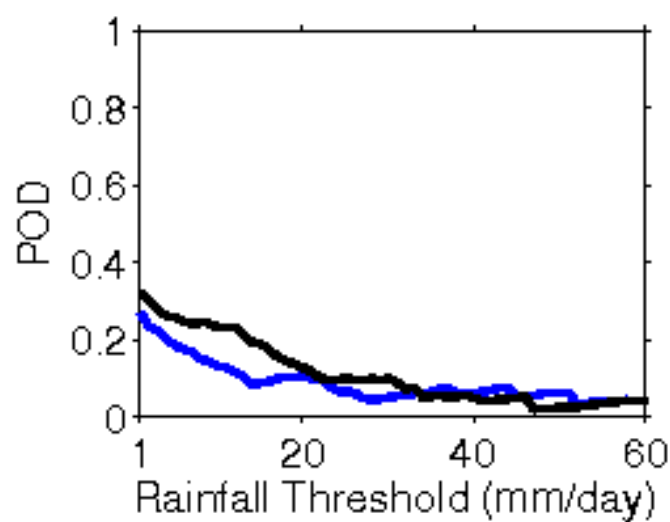
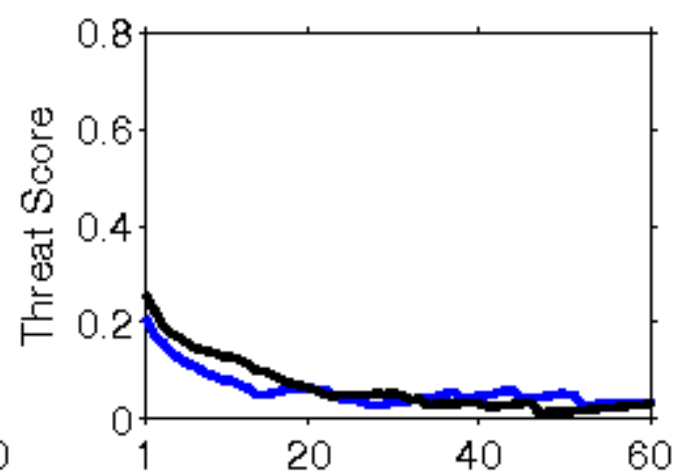
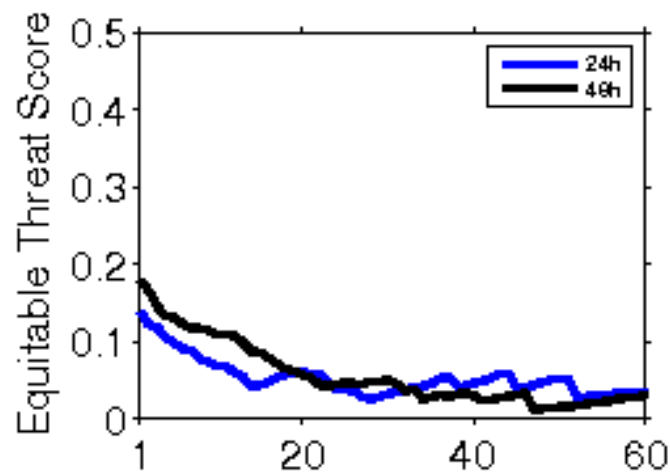


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 04-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	2.18(-0.90)	16.05(4.40)	2.12(1.26)
<b>48 Hour</b>	2.16(-0.75)	18.45(4.35)	2.31(1.52)
<b>72 Hour</b>	2.69(-0.53)	20.00(5.38)	2.69(1.52)



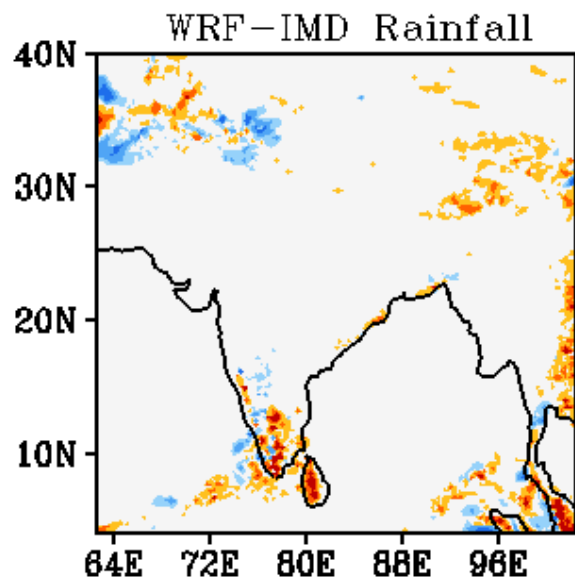
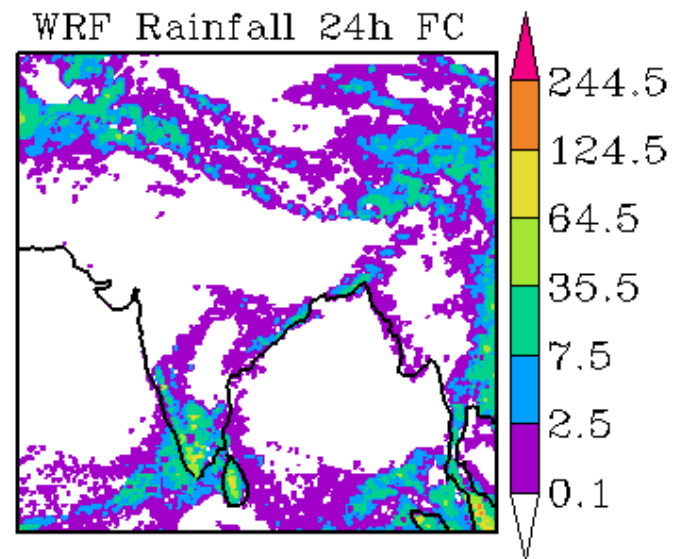
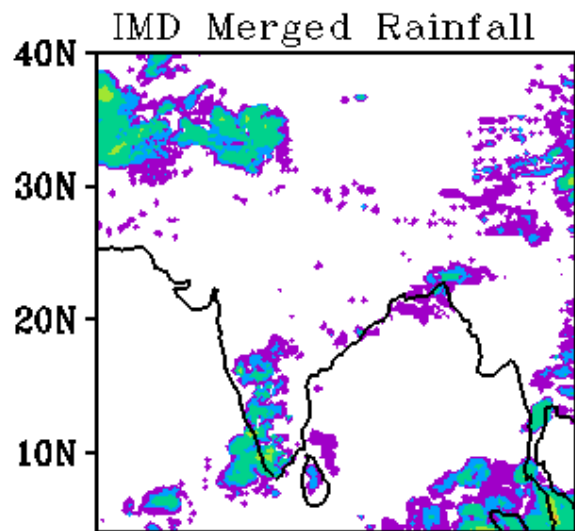






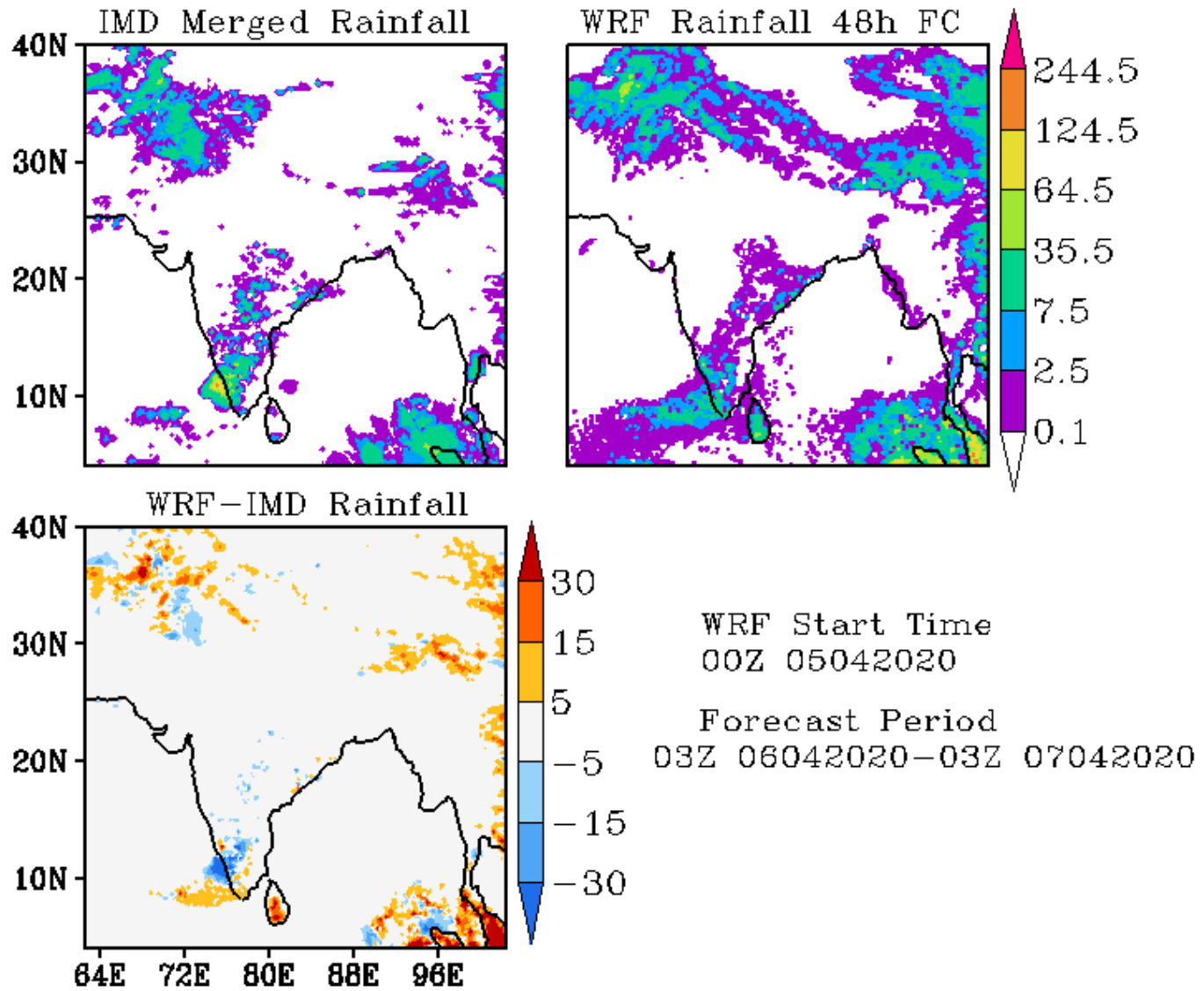
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 05-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

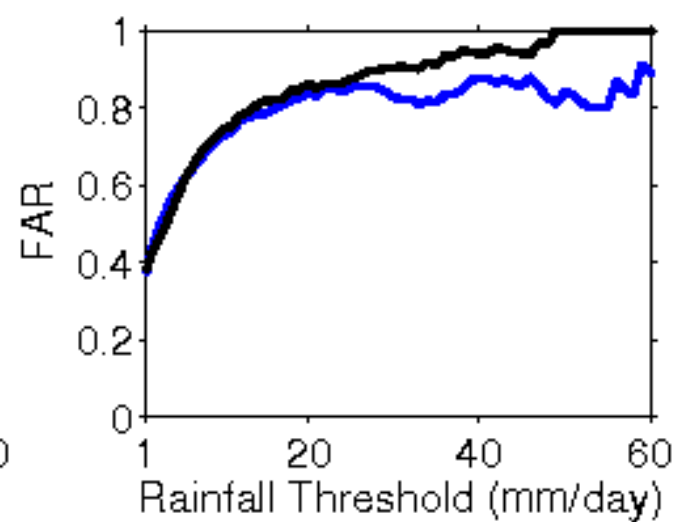
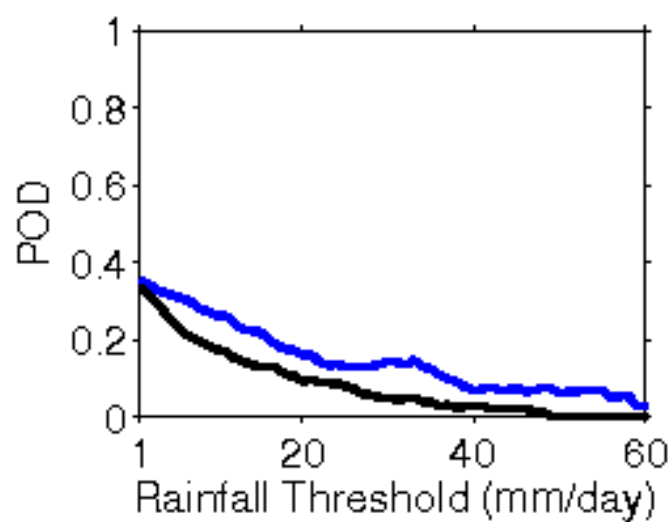
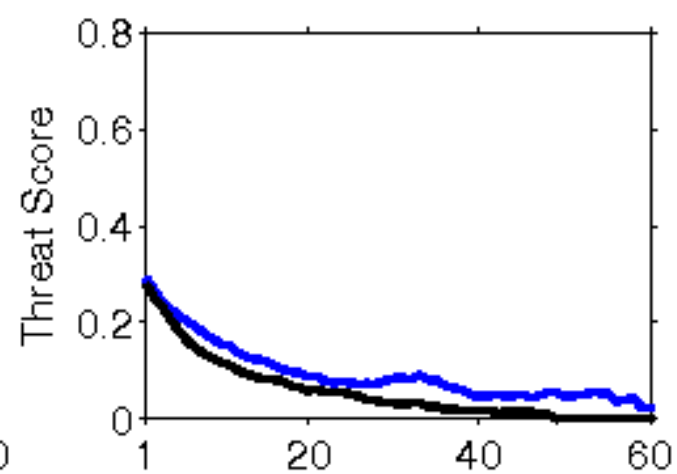
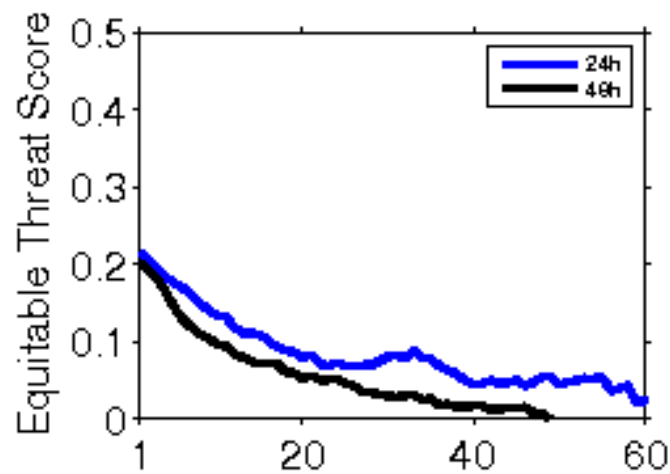
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	2.10(-0.64)	17.09(6.26)	2.03(1.12)
<b>48 Hour</b>	2.37(-0.38)	19.28(5.64)	2.65(1.26)
<b>72 Hour</b>	2.99(-0.24)	19.88(6.96)	2.92(1.26)



WRF Start Time  
00Z 05042020

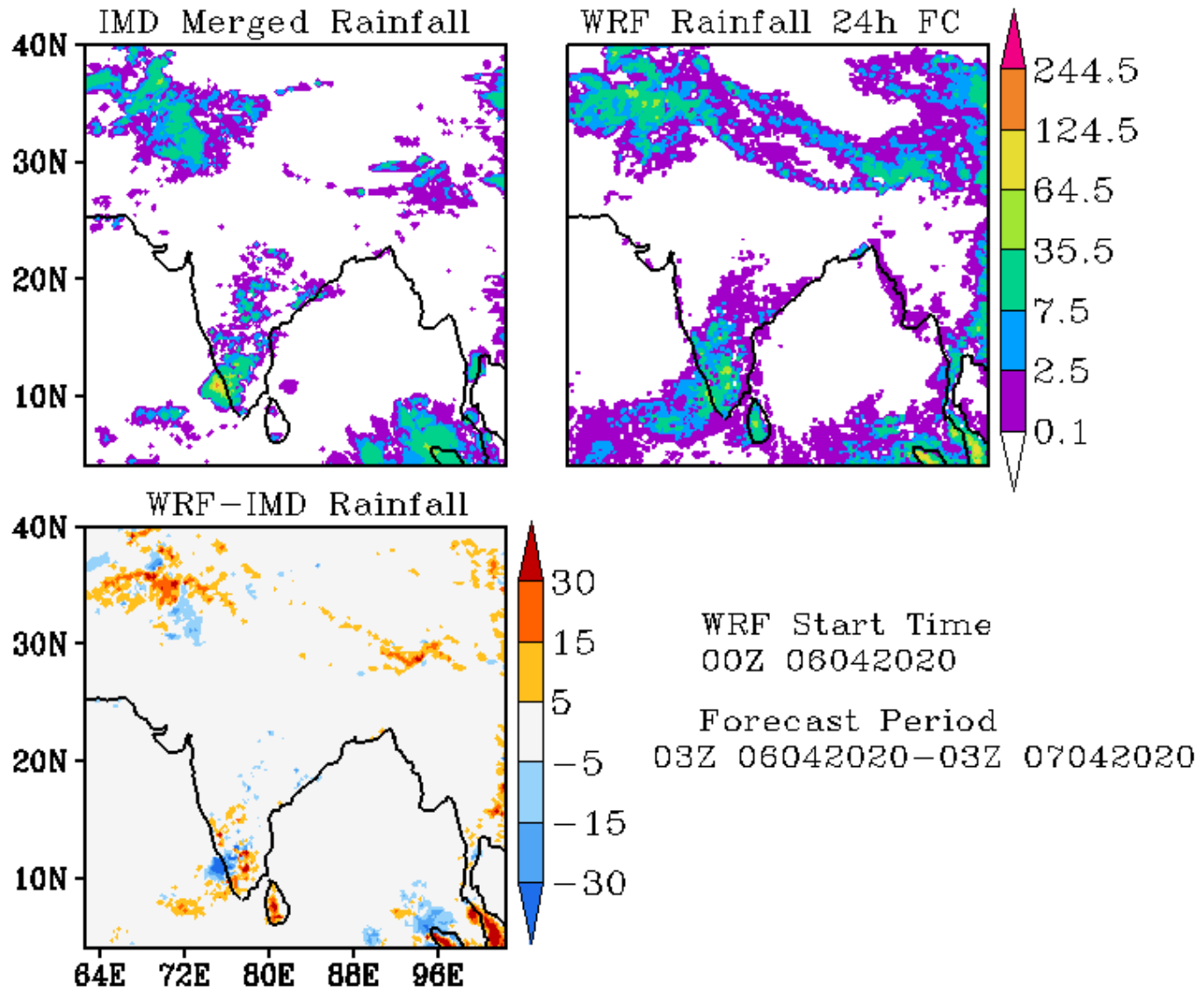
Forecast Period  
03Z 05042020-03Z 06042020

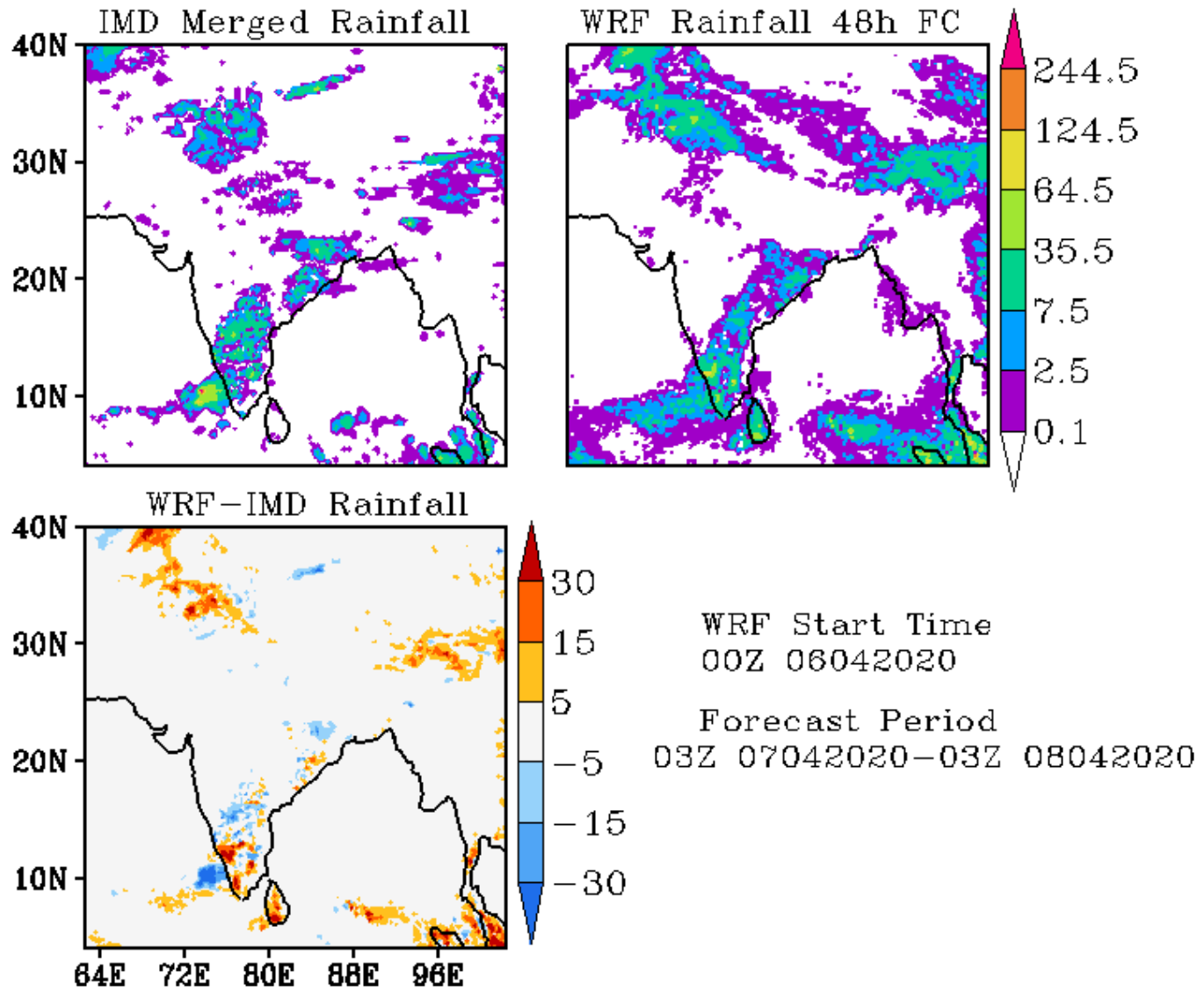


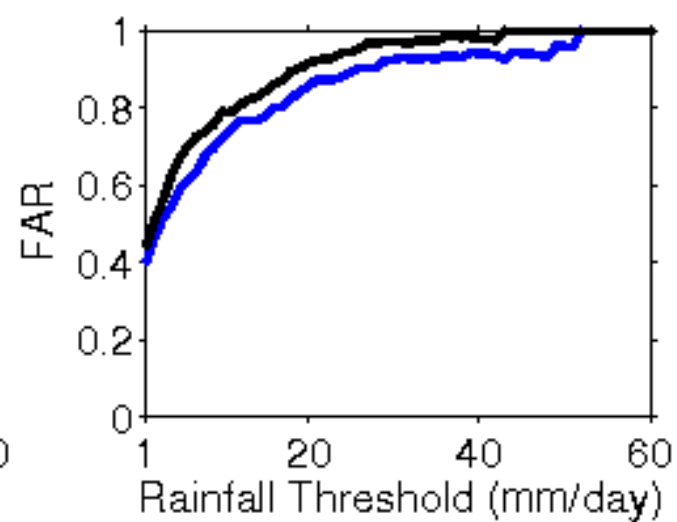
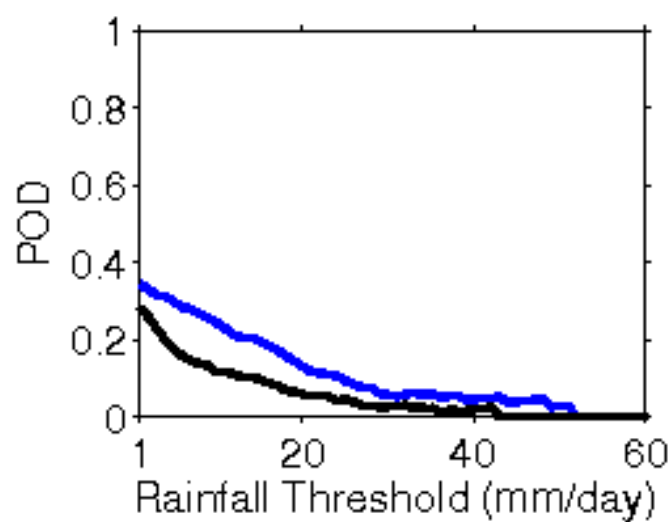
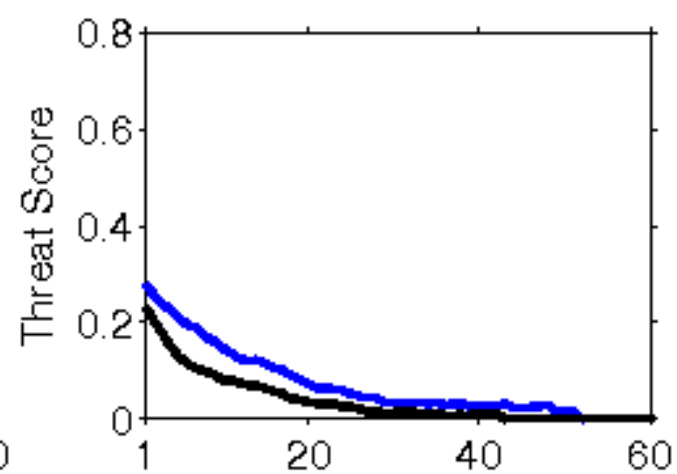
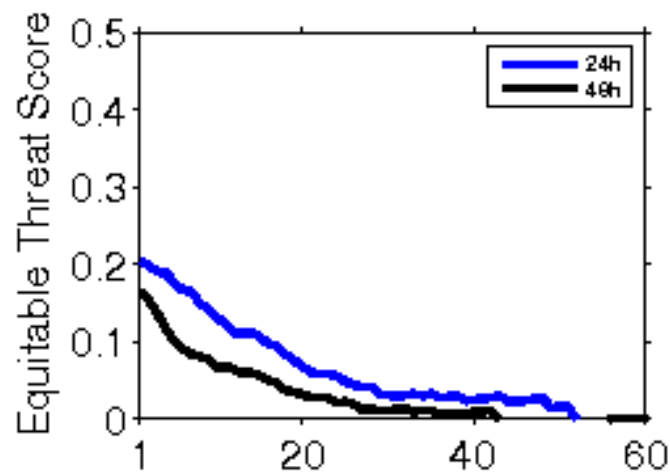


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 06-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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(-0.73)	16.74(8.04)	2.18(1.19)
<b>48 Hour</b>	2.32(-0.09)	18.35(8.08)	2.73(1.58)
<b>72 Hour</b>	3.25(0.04)	21.08(9.60)	2.82(1.51)



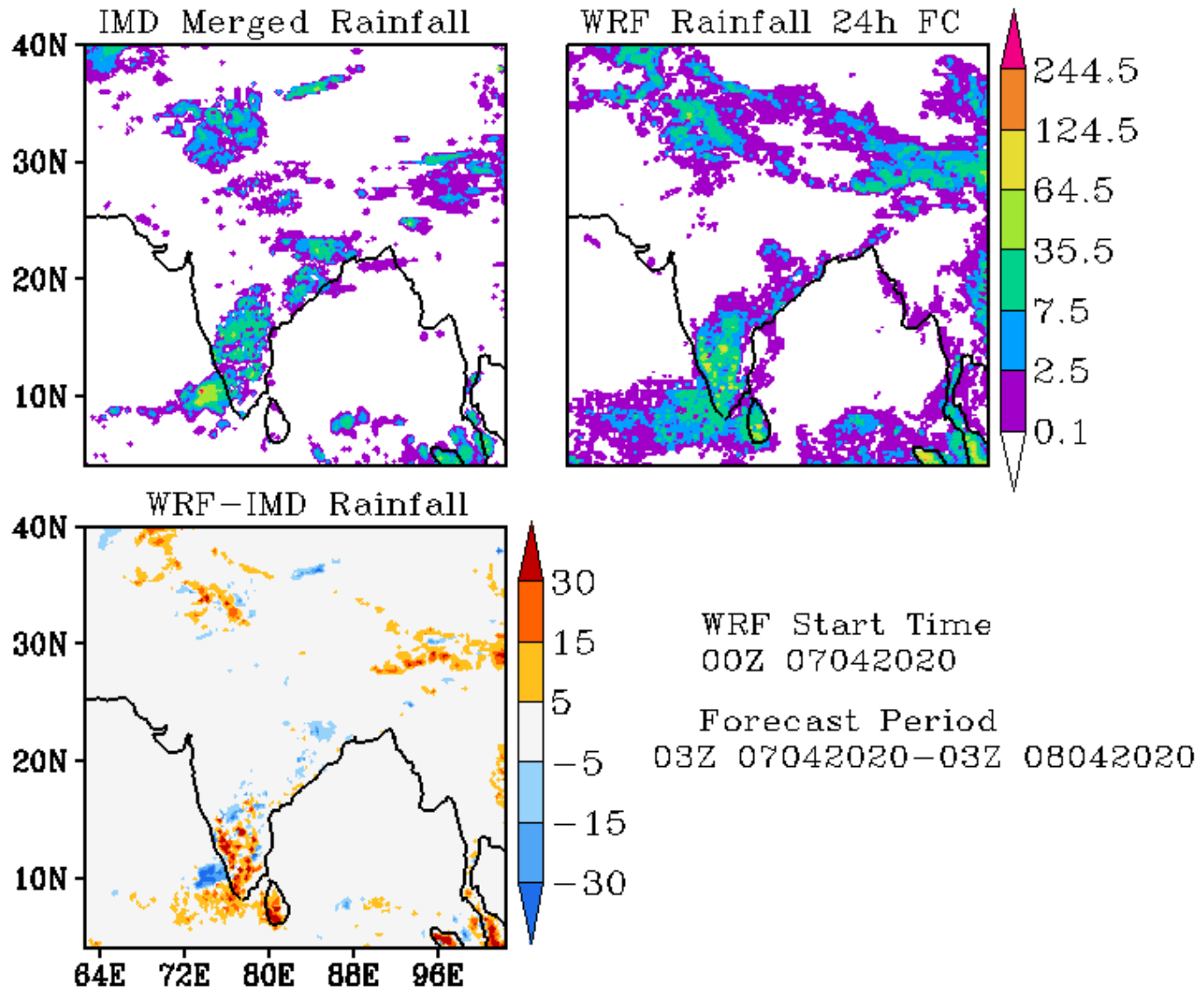


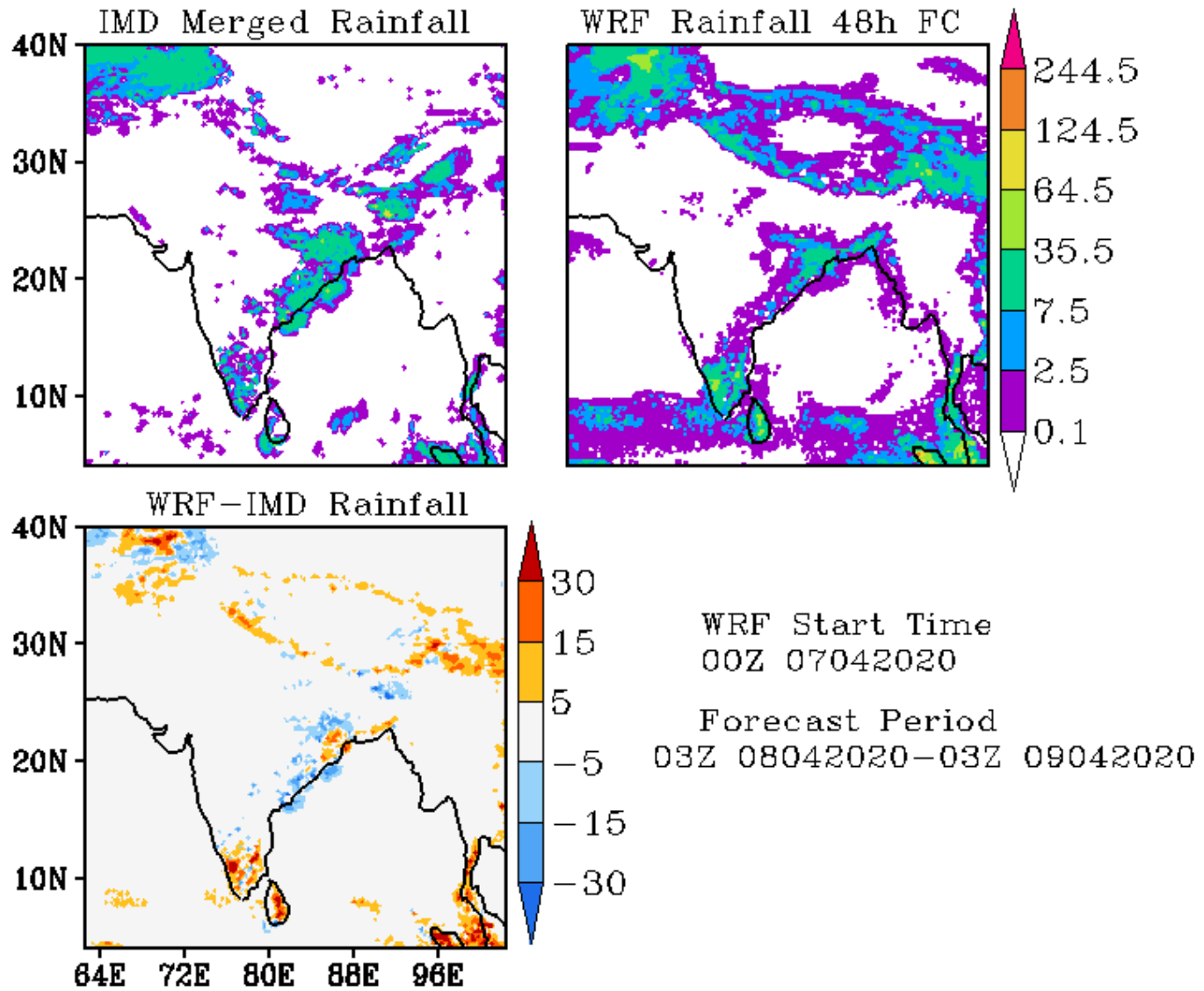


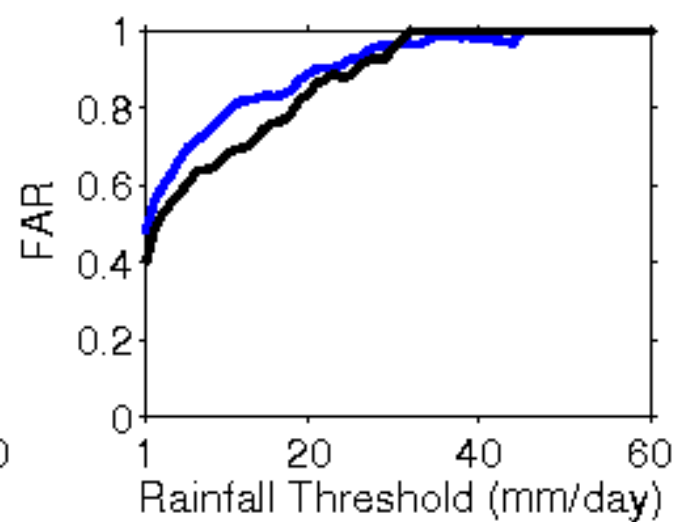
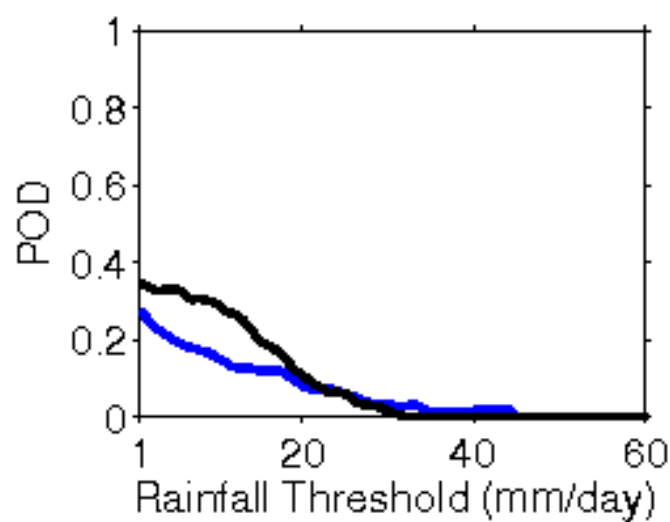
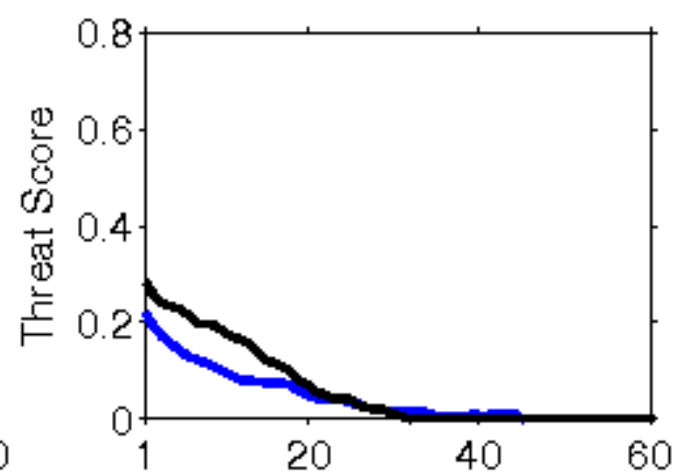
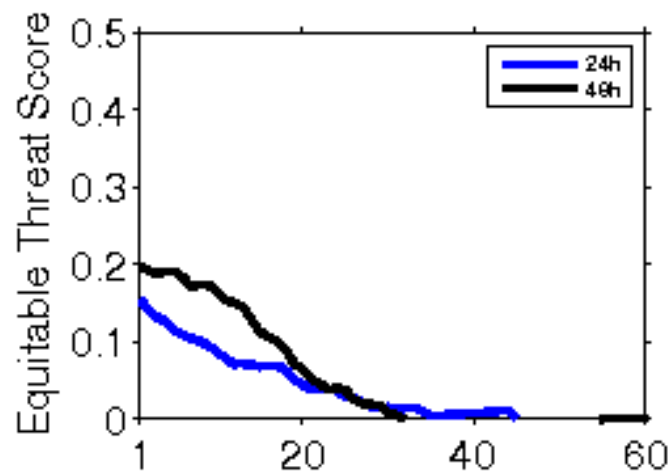


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 07-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	2.08(-0.71)	15.85(7.43)	2.28(1.25)
<b>48 Hour</b>	2.73(-0.13)	18.87(8.23)	2.63(1.51)
<b>72 Hour</b>	3.36(0.32)	20.37(9.25)	2.83(1.68)

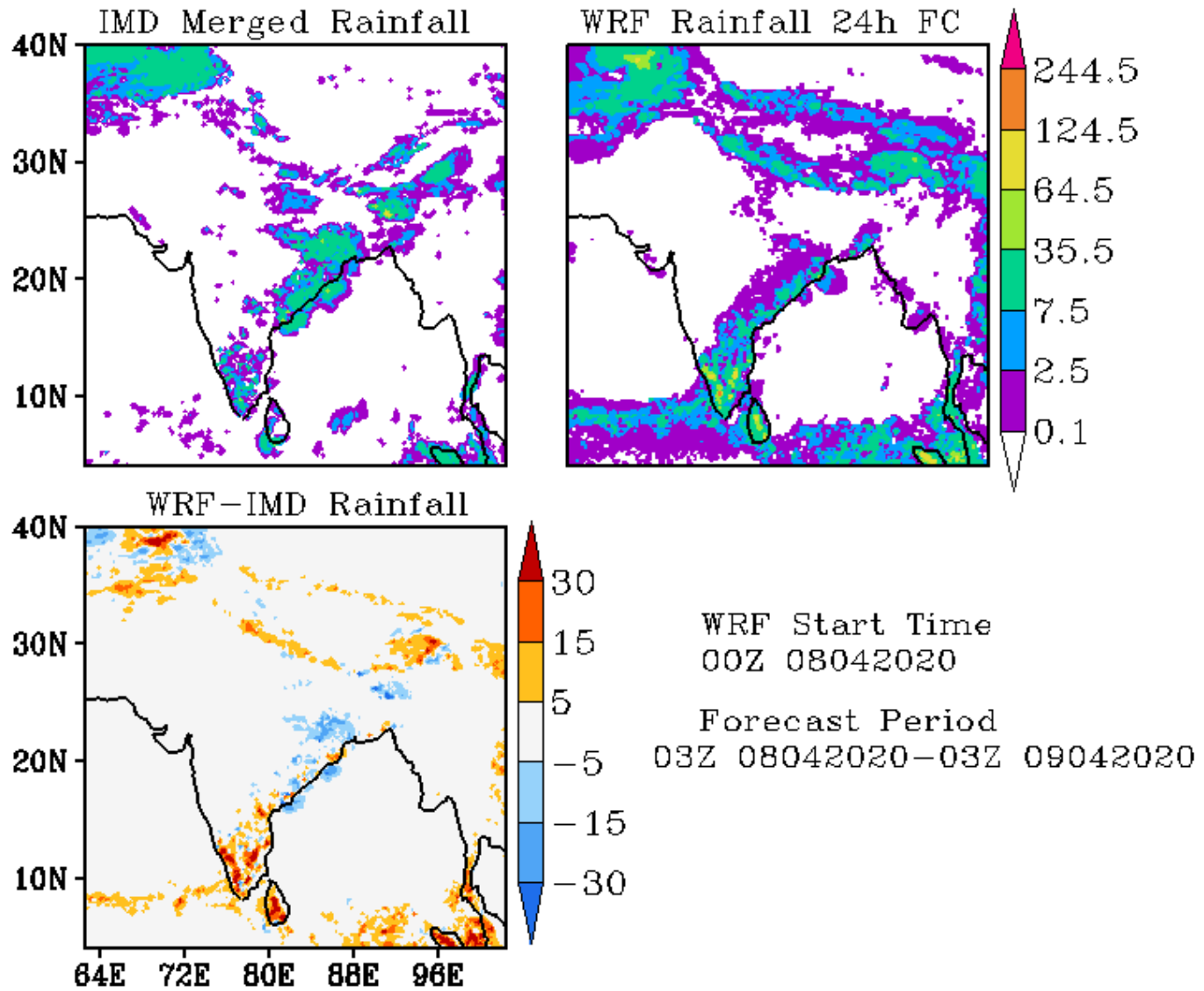


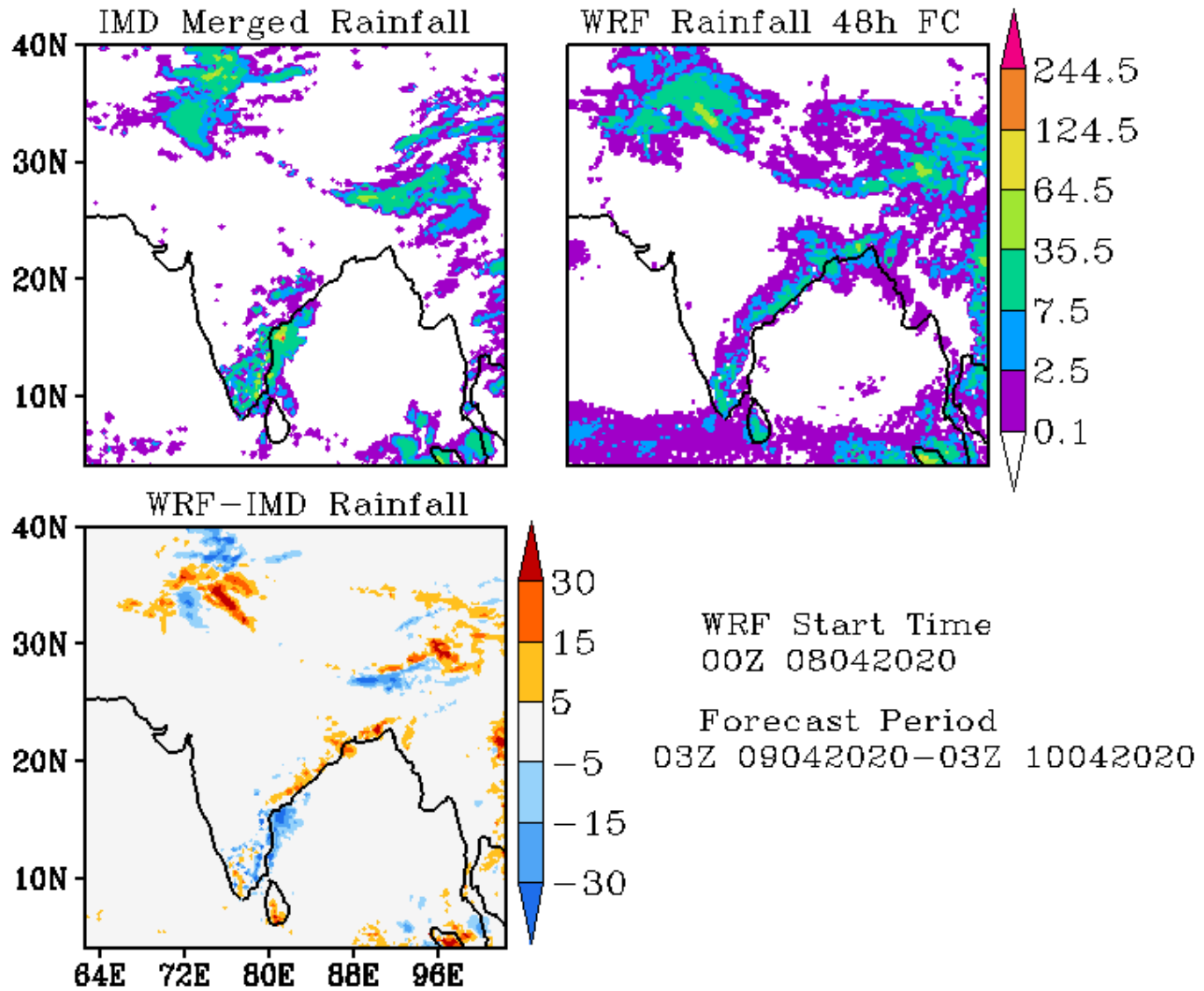


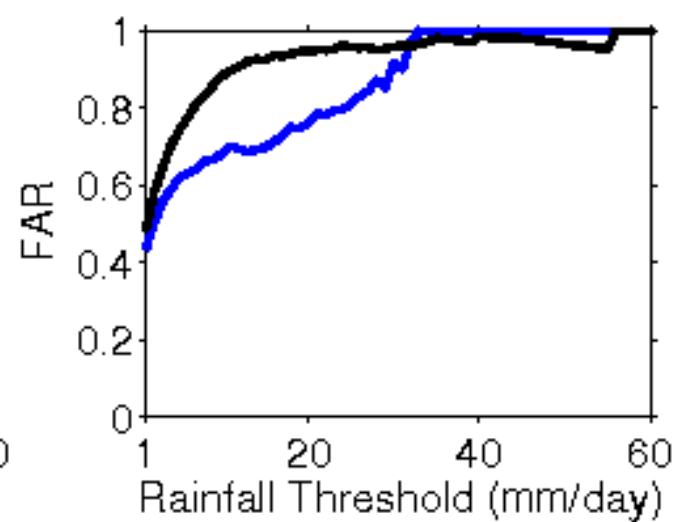
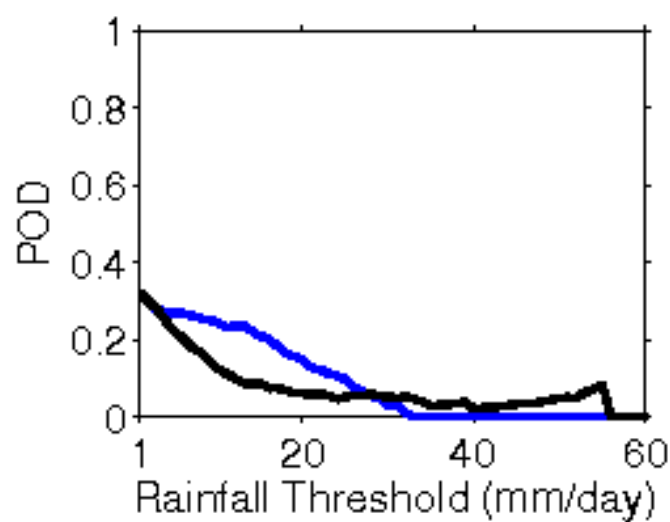
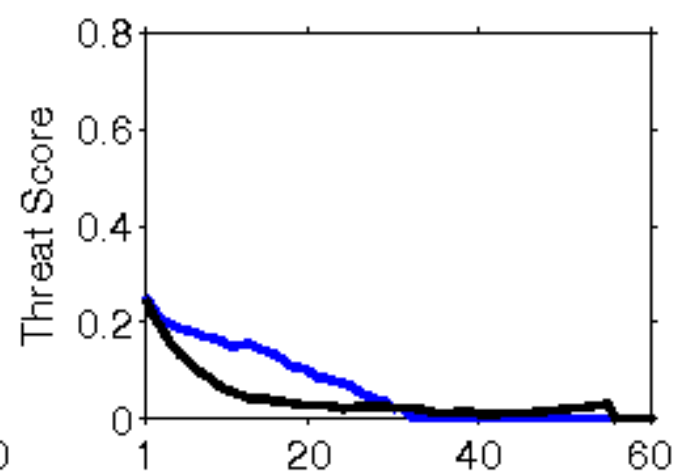
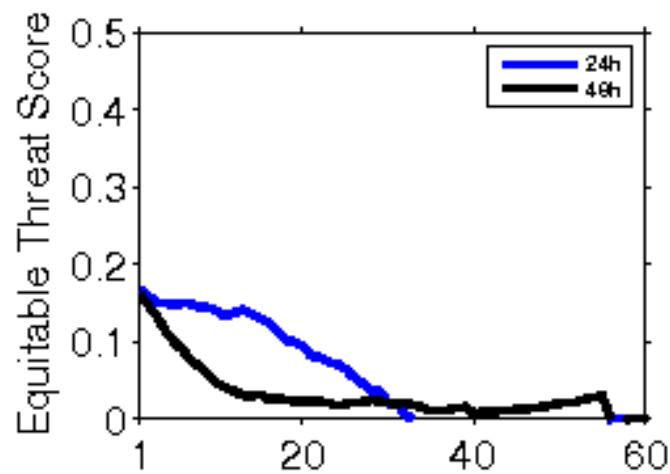


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 08-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	2.02(-0.56)	16.25(7.93)	2.25(1.30)
<b>48 Hour</b>	2.71(-0.06)	19.91(8.48)	2.60(1.55)
<b>72 Hour</b>	2.88(0.27)	18.91(10.22)	2.84(1.61)





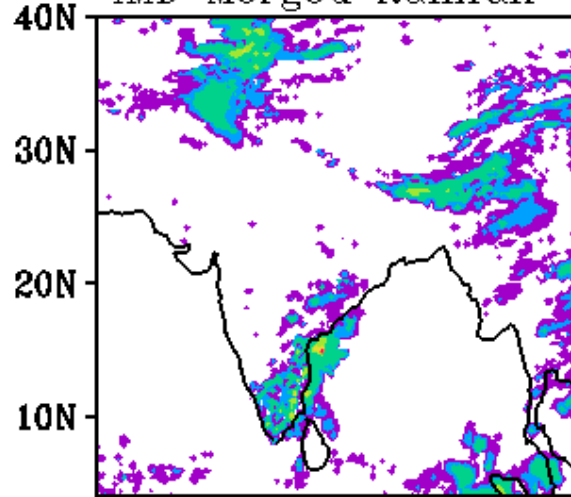




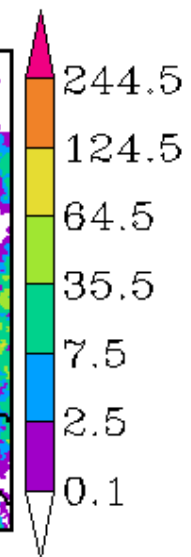
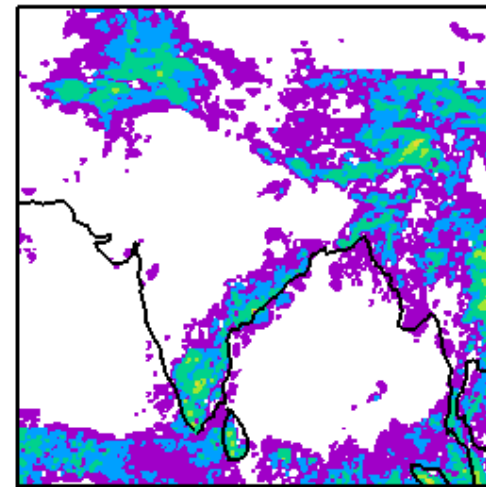
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 09-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	2.09(-0.67)	15.74(6.37)	2.28(1.21)
<b>48 Hour</b>	2.77(-0.31)	19.67(6.93)	2.70(1.22)
<b>72 Hour</b>	2.51(-0.10)	17.61(8.87)	2.72(1.38)

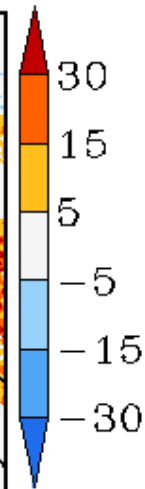
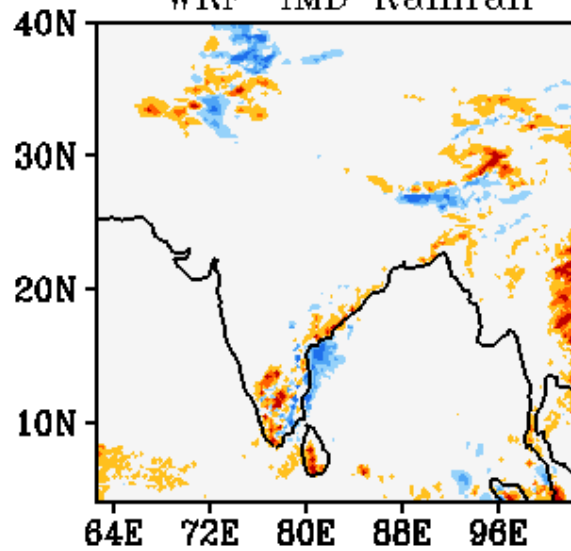
IMD Merged Rainfall



WRF Rainfall 24h FC

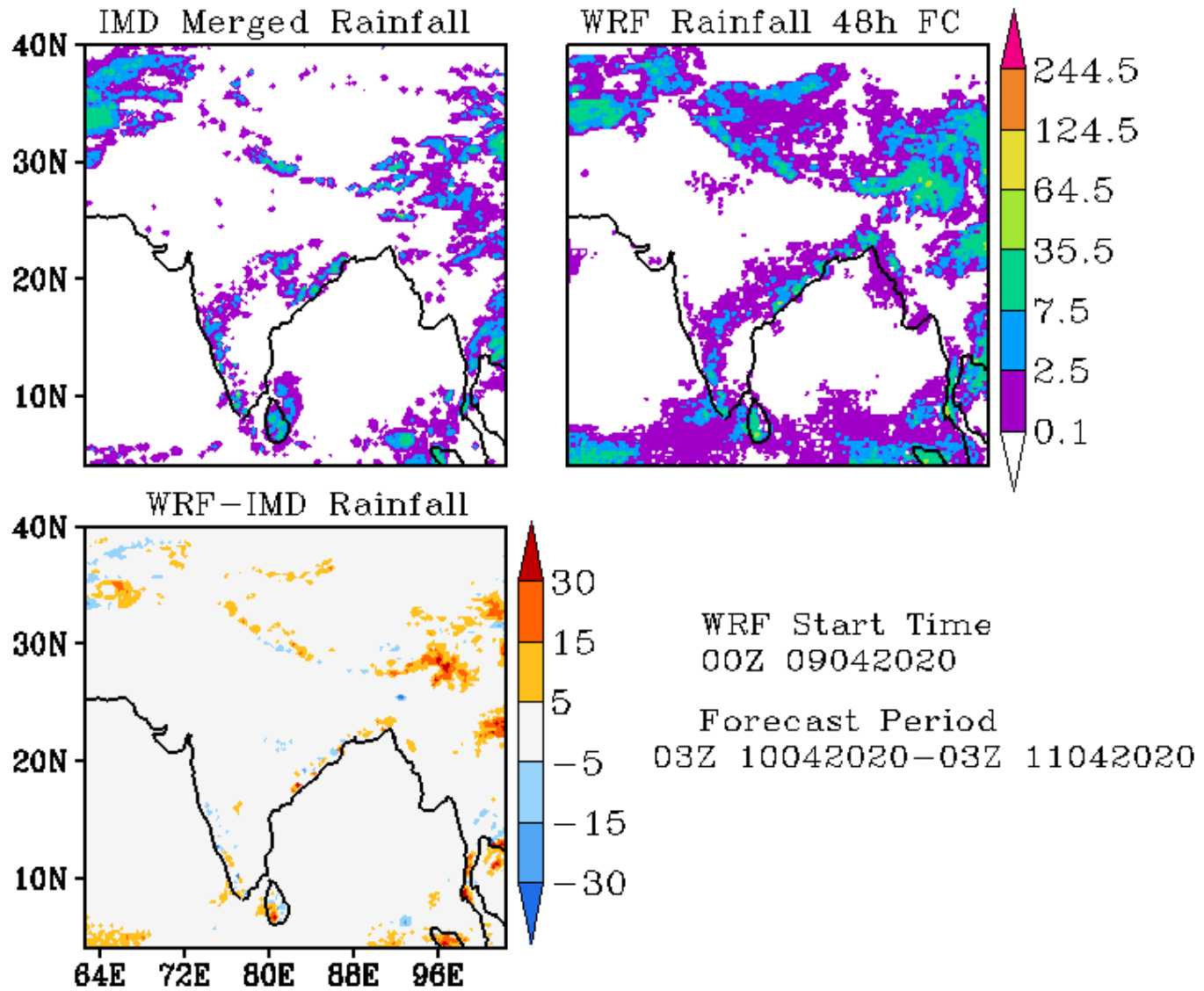


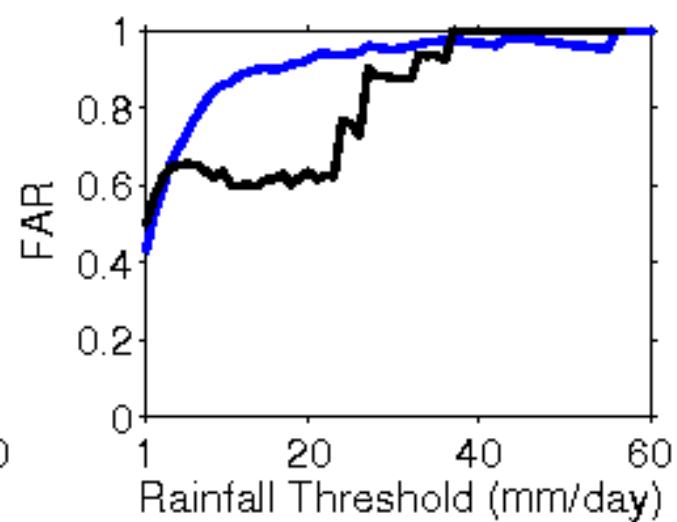
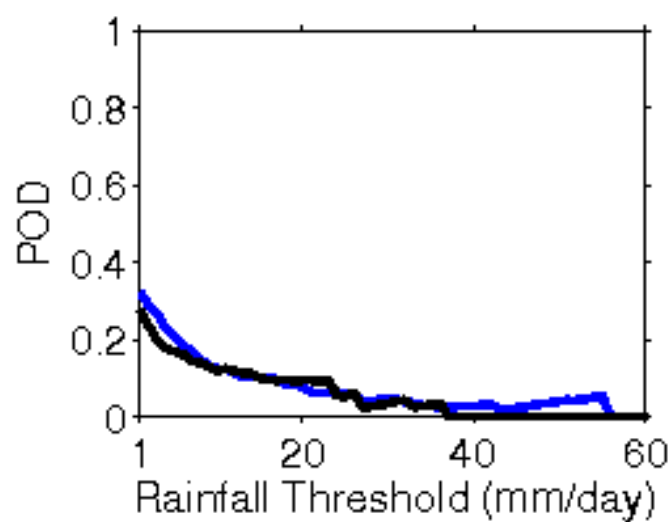
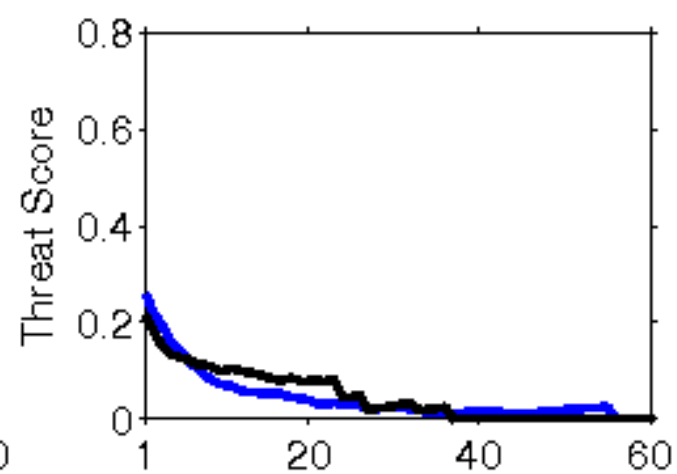
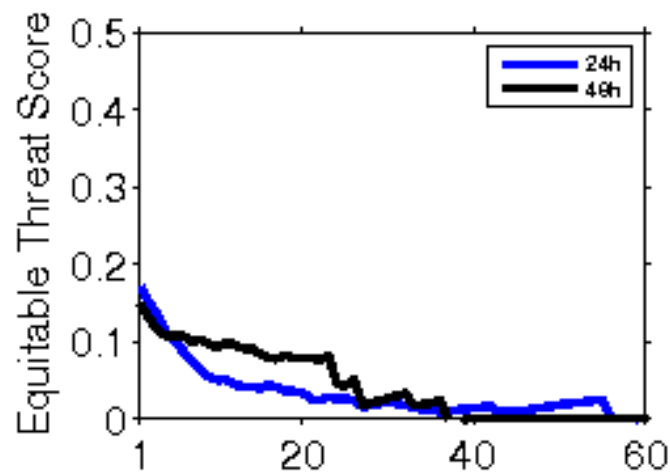
WRF-IMD Rainfall



WRF Start Time  
00Z 09042020

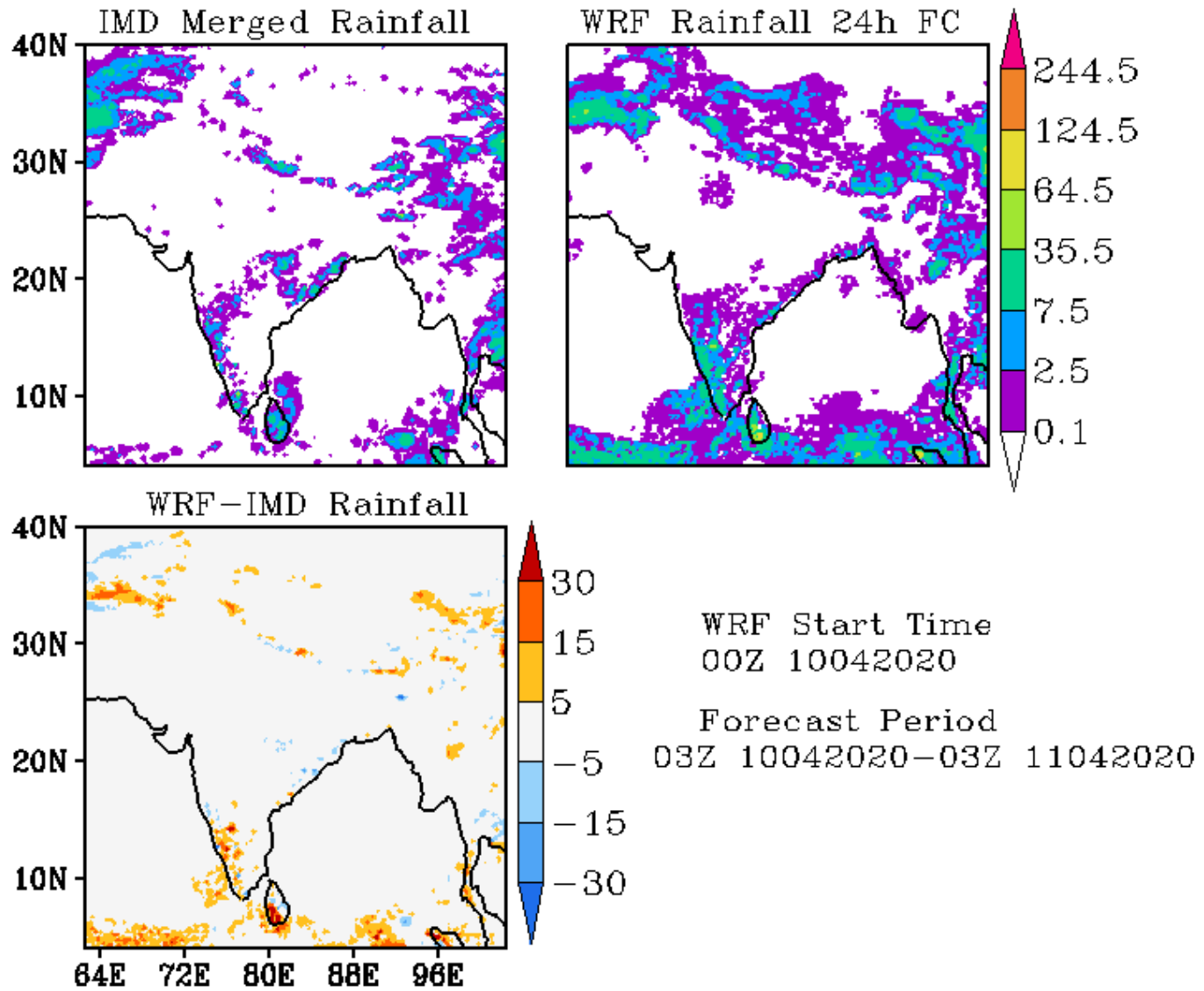
Forecast Period  
03Z 09042020-03Z 10042020

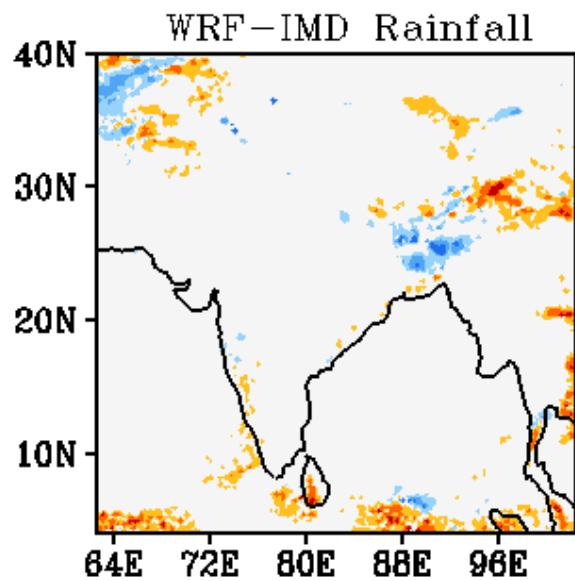
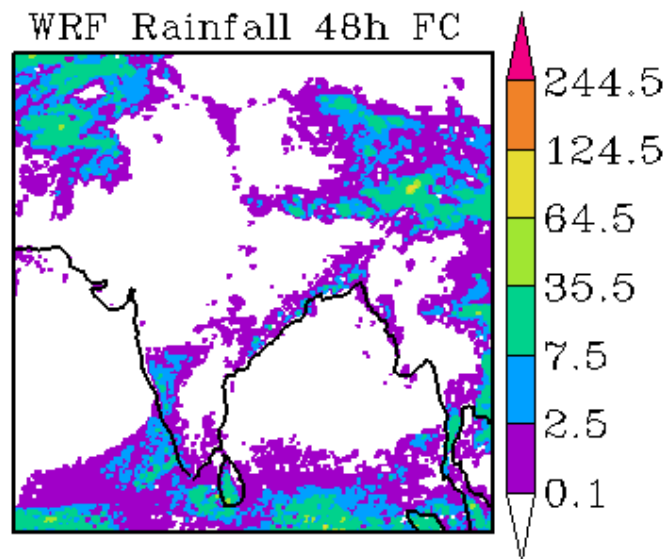
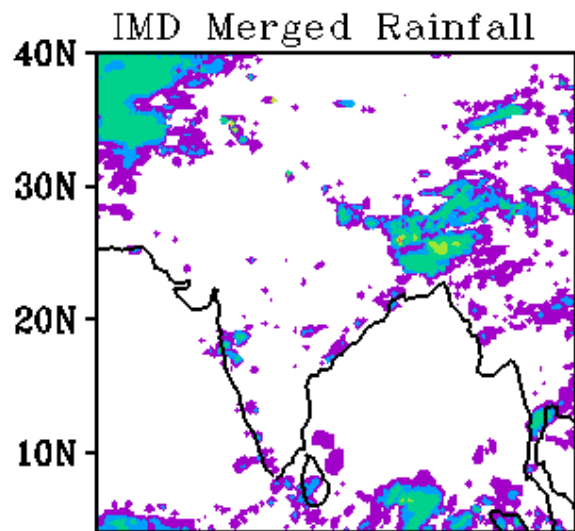




**Error Statistics in Surface Meteorological Parameter**  
**Validation Time 0000 UTC 10-04-20**  
**Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

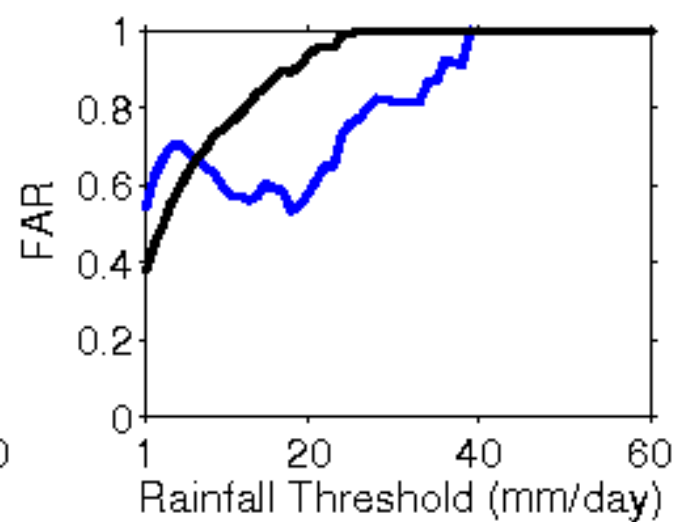
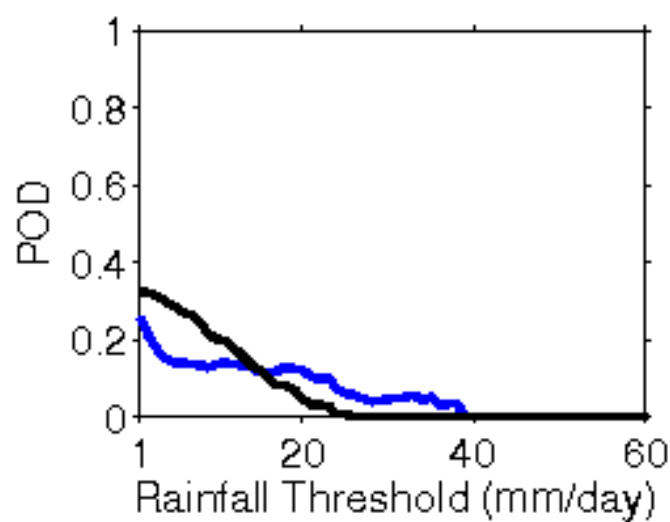
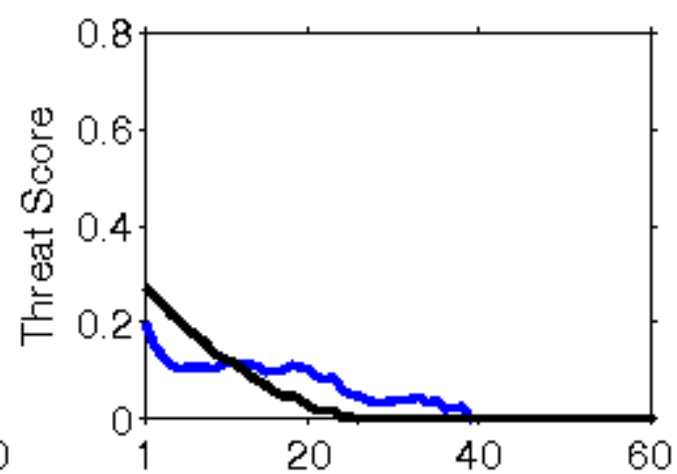
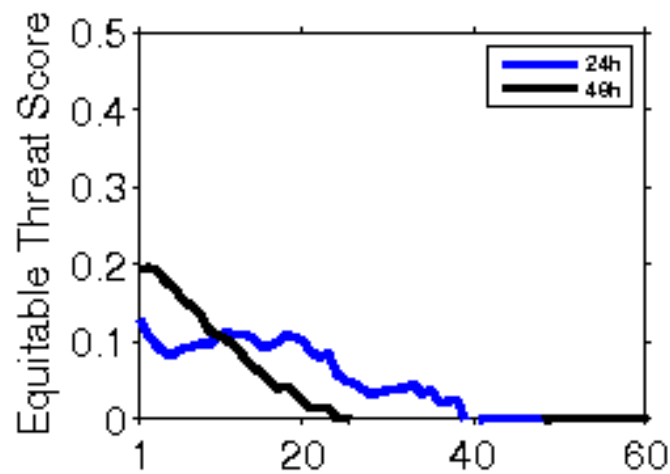
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	2.11(-0.71)	16.78(8.20)	2.35(1.32)
<b>48 Hour</b>	2.55(-0.43)	18.96(7.78)	2.46(1.48)
<b>72 Hour</b>	2.92(-0.23)	17.37(8.56)	2.50(1.36)





WRF Start Time  
00Z 10042020

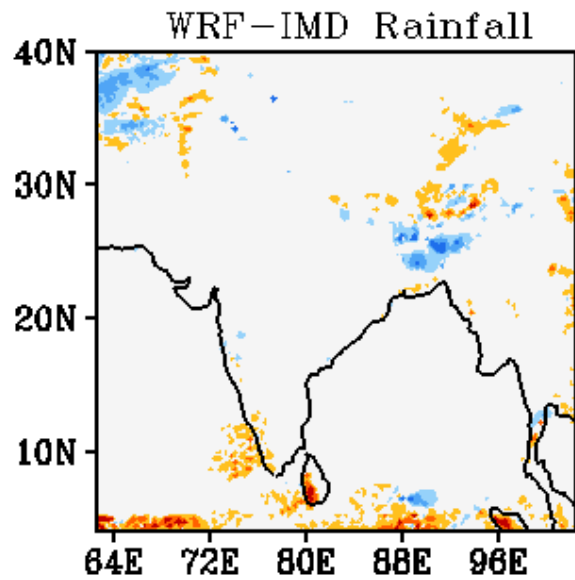
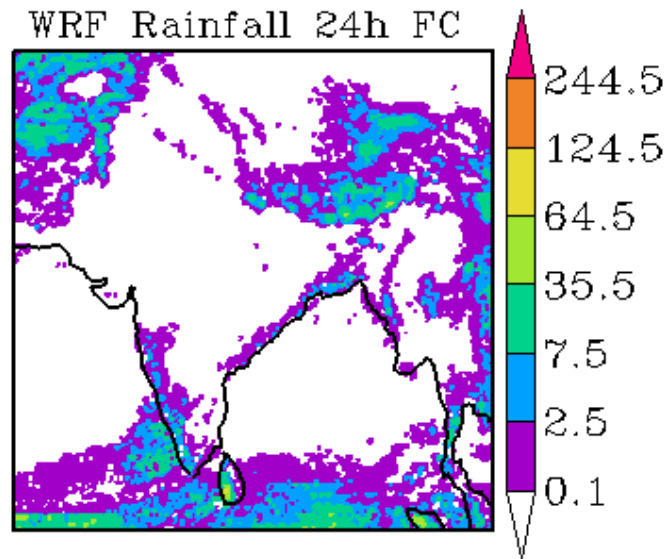
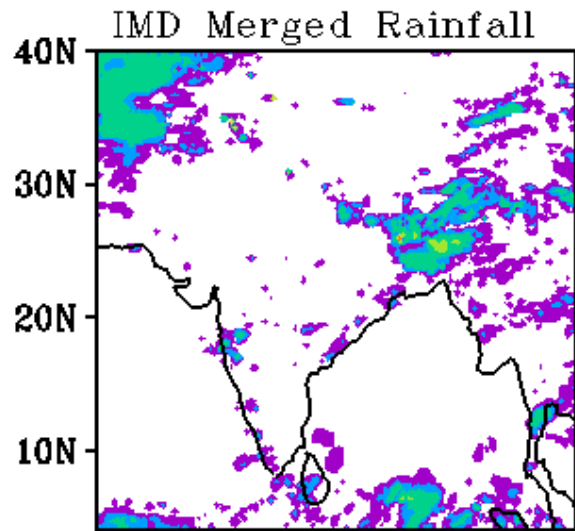
Forecast Period  
03Z 11042020-03Z 12042020





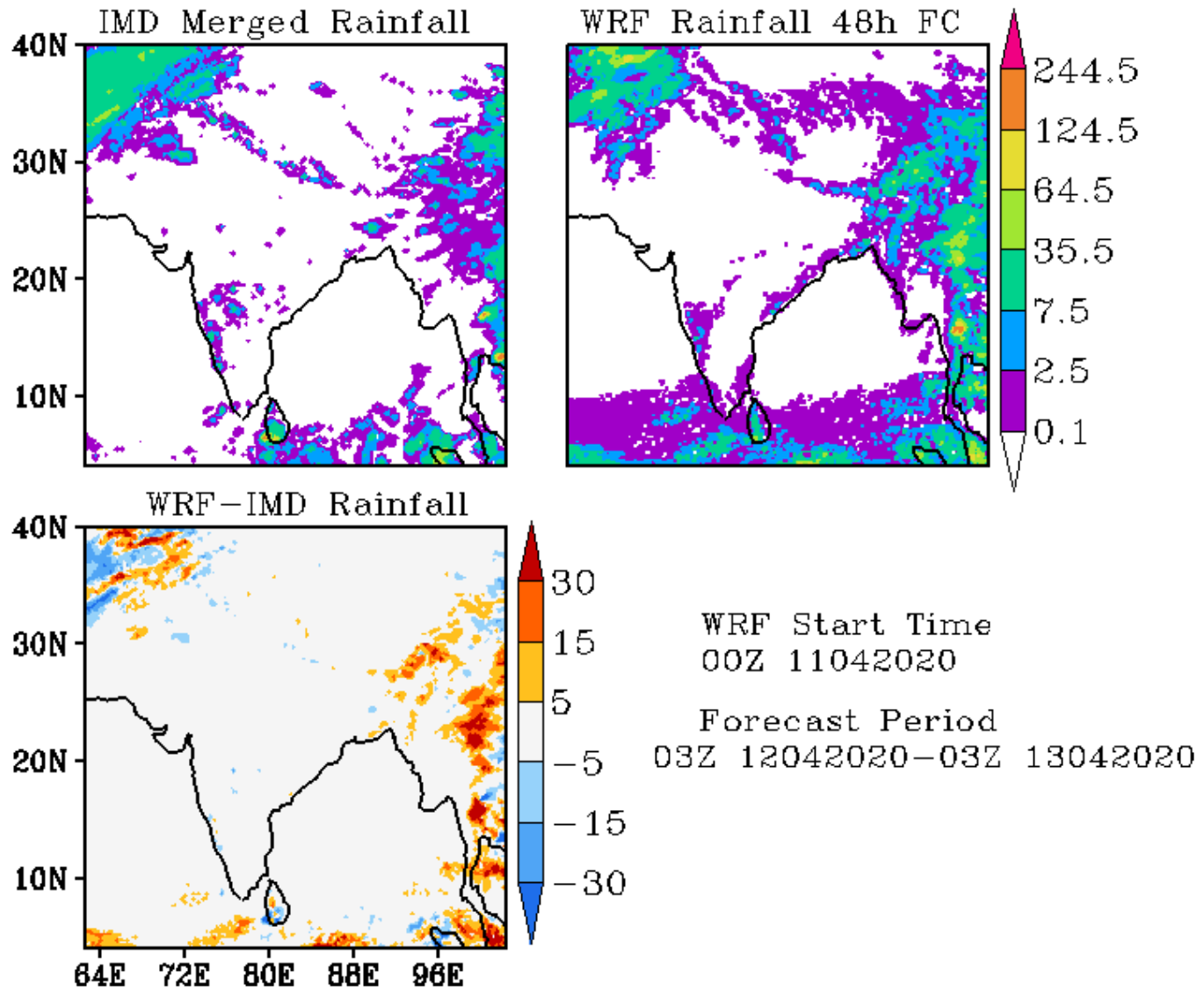
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 11-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

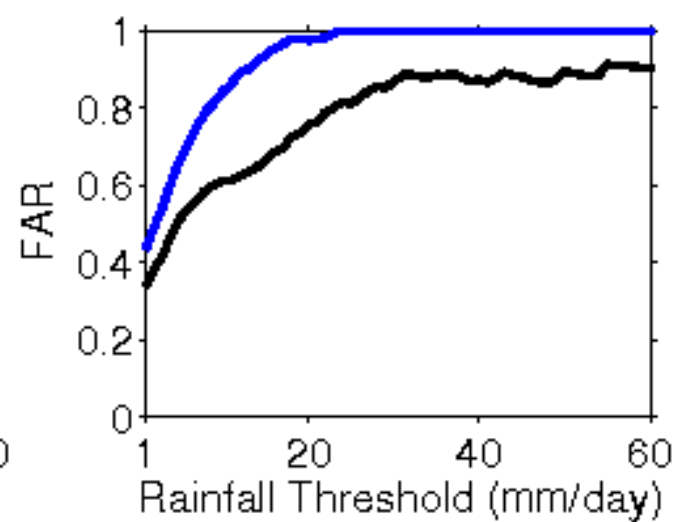
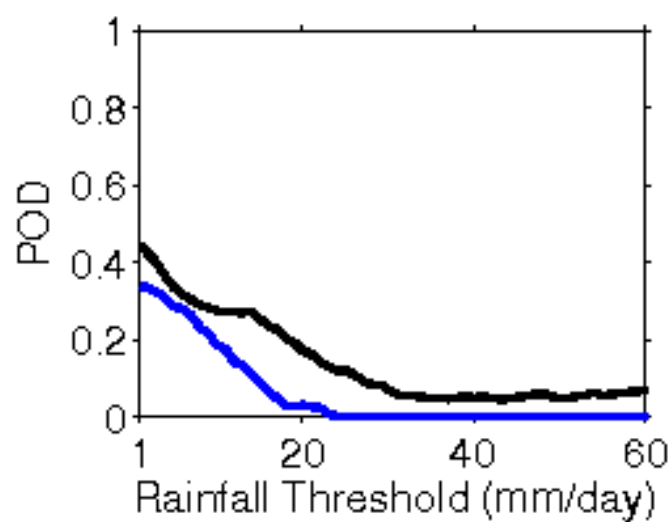
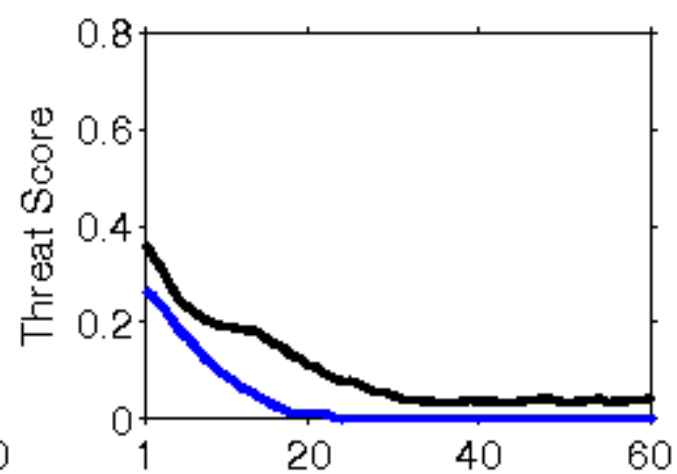
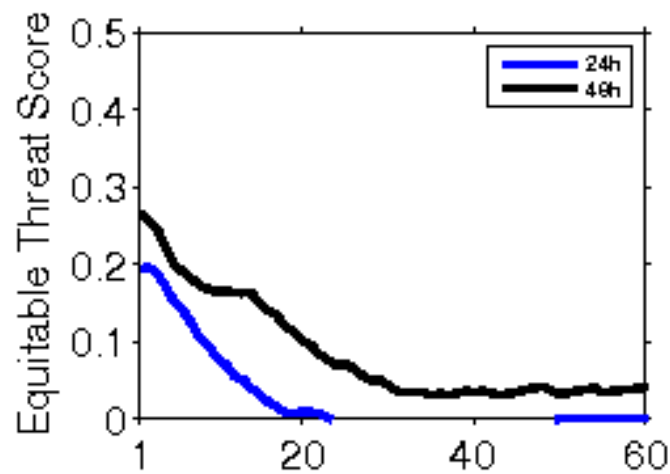
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	2.18(-0.70)	16.18(6.65)	2.20(1.26)
<b>48 Hour</b>	2.55(-0.37)	16.61(7.83)	2.70(1.25)
<b>72 Hour</b>	2.97(-0.35)	17.66(6.84)	2.80(1.41)



WRF Start Time  
00Z 11042020

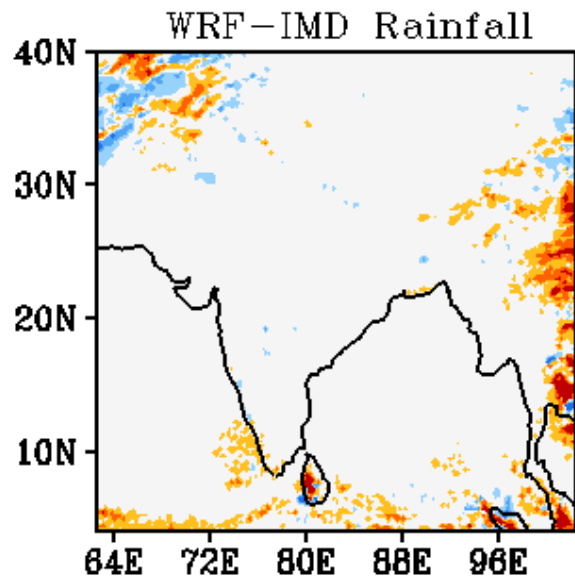
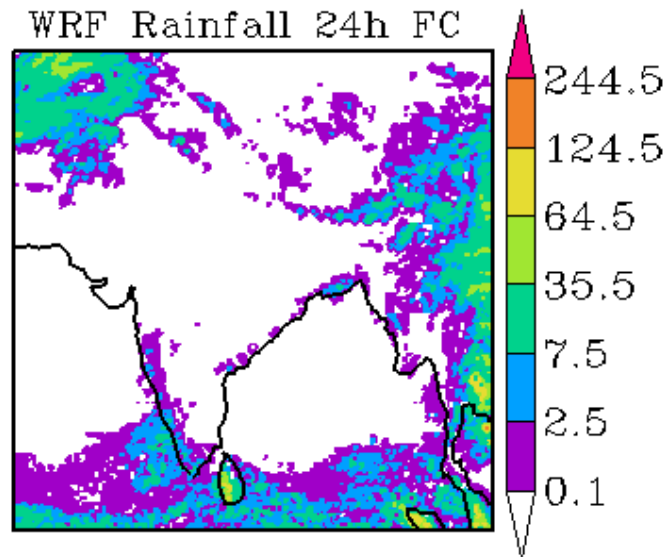
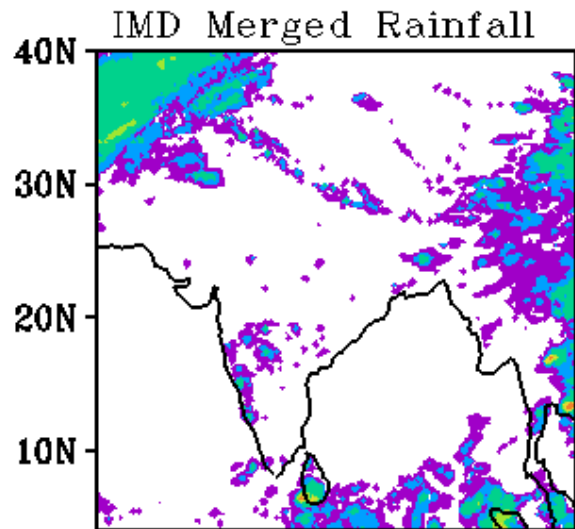
Forecast Period  
03Z 11042020-03Z 12042020





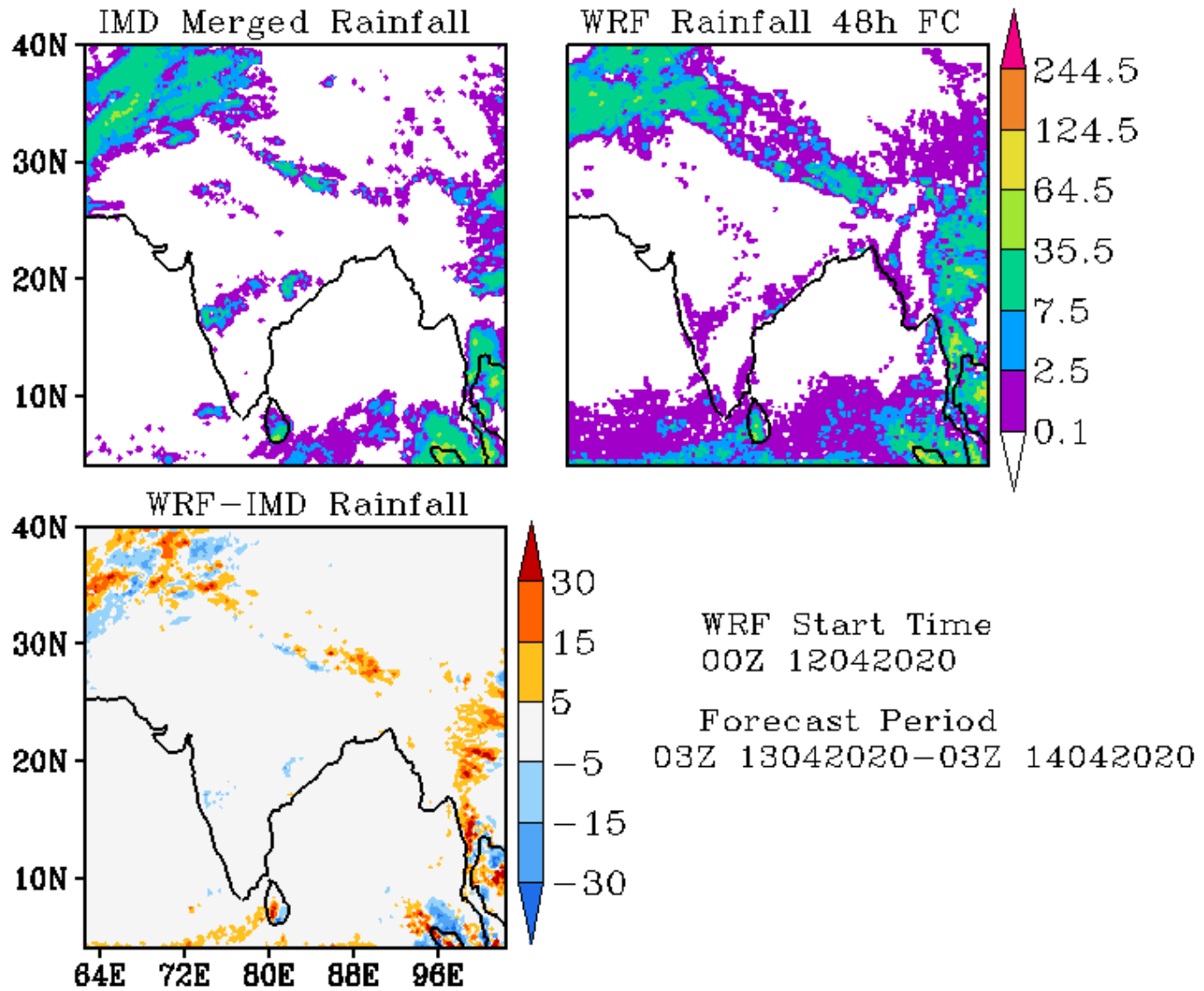
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 12-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

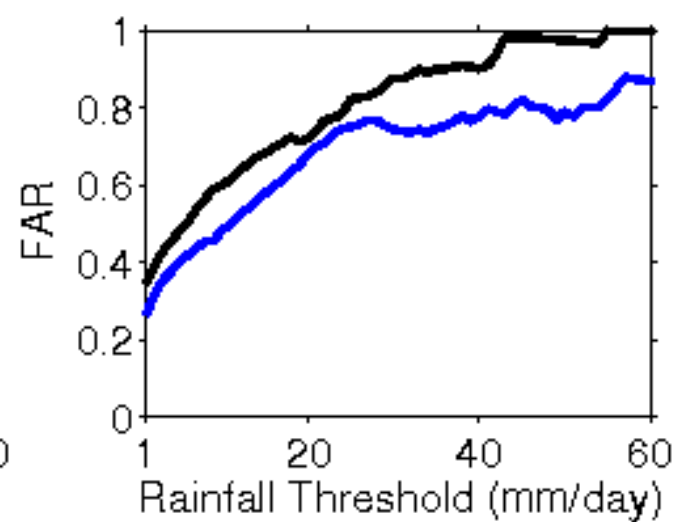
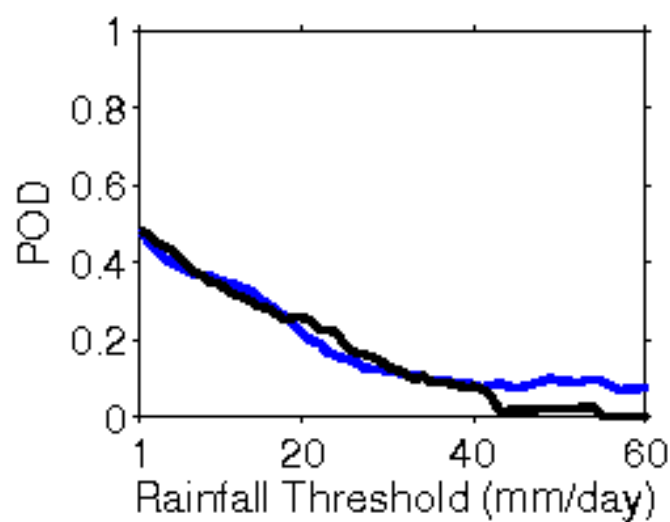
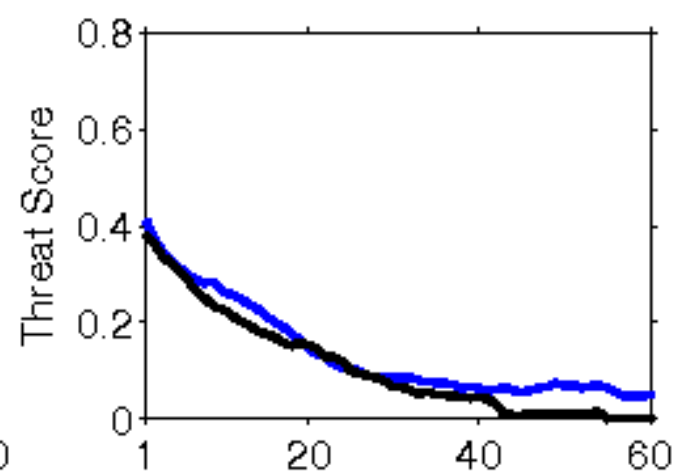
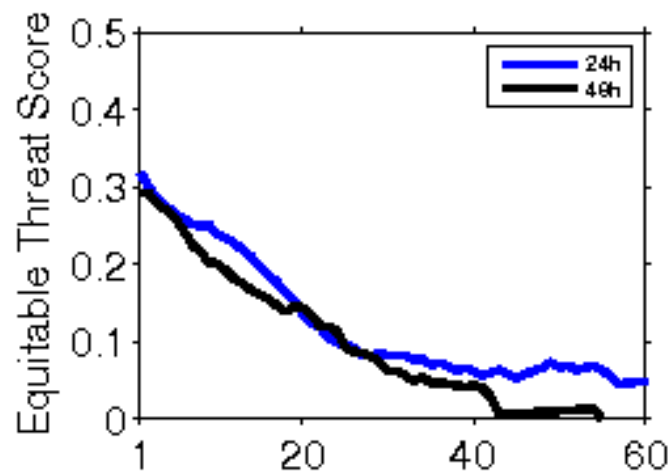
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	2.03(-0.69)	15.70(7.66)	2.39(1.45)
<b>48 Hour</b>	2.21(-0.31)	17.81(7.91)	2.66(1.48)
<b>72 Hour</b>	2.85(-0.02)	20.08(8.17)	2.76(1.40)



WRF Start Time  
00Z 12042020

Forecast Period  
03Z 12042020-03Z 13042020

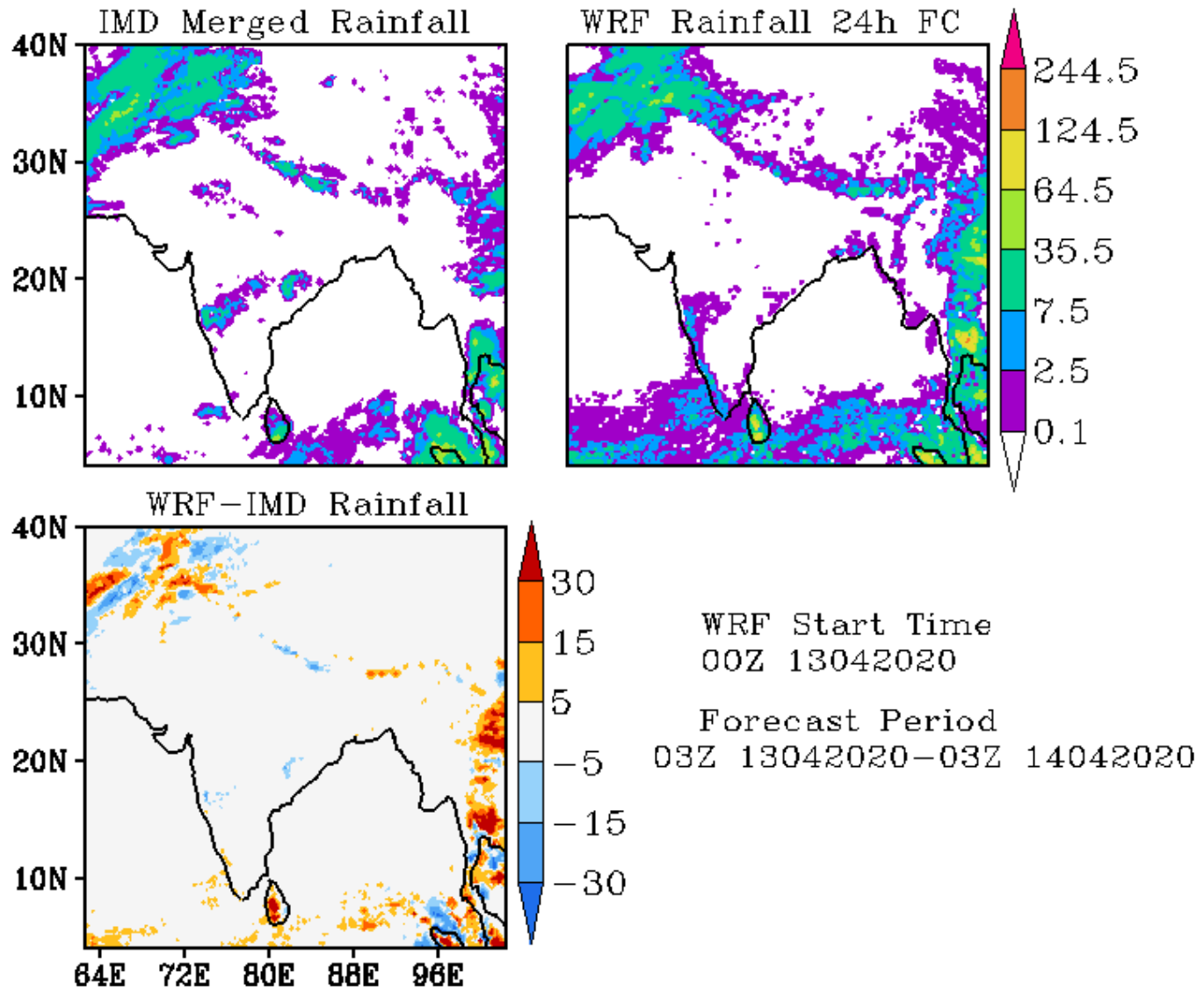


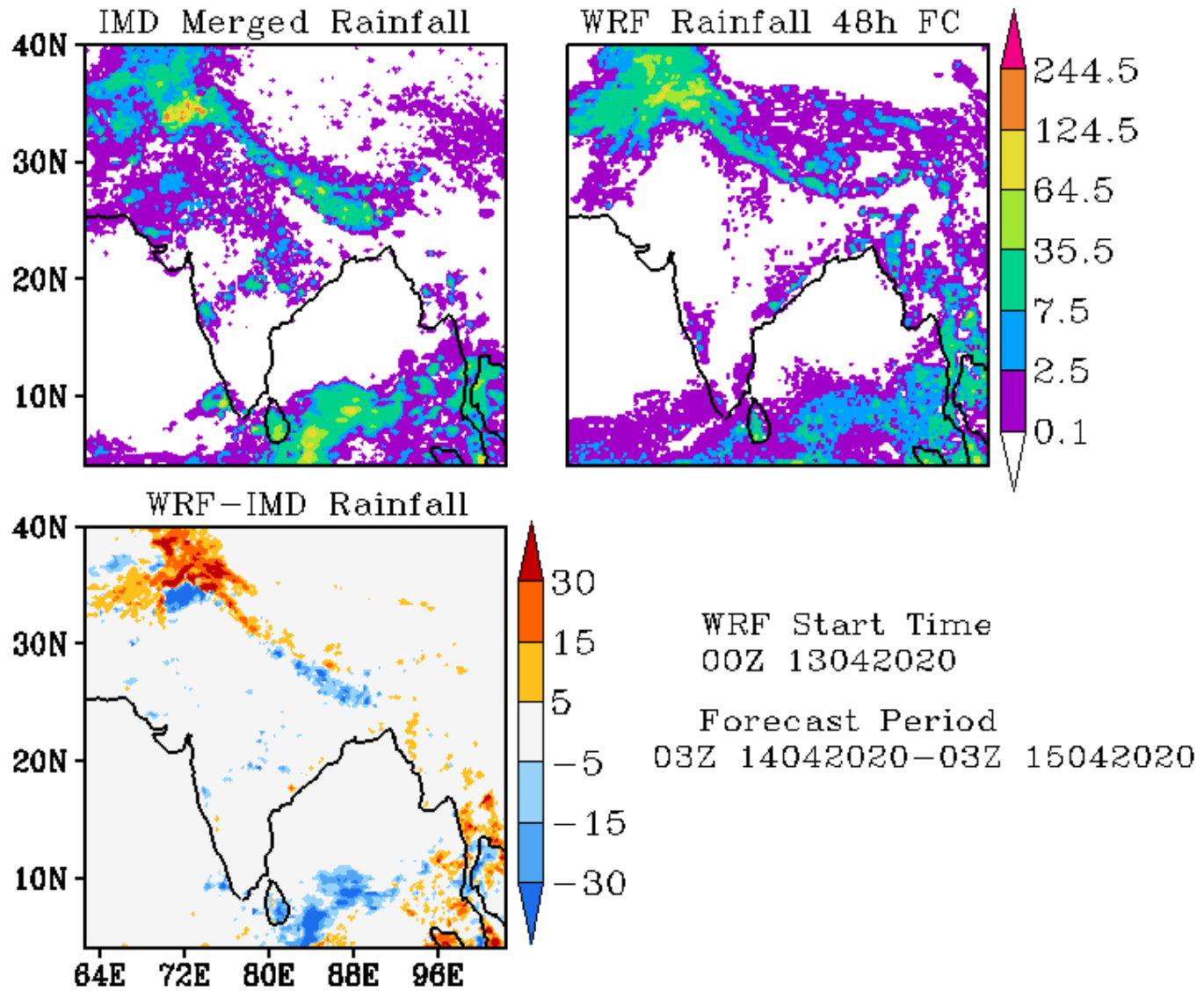


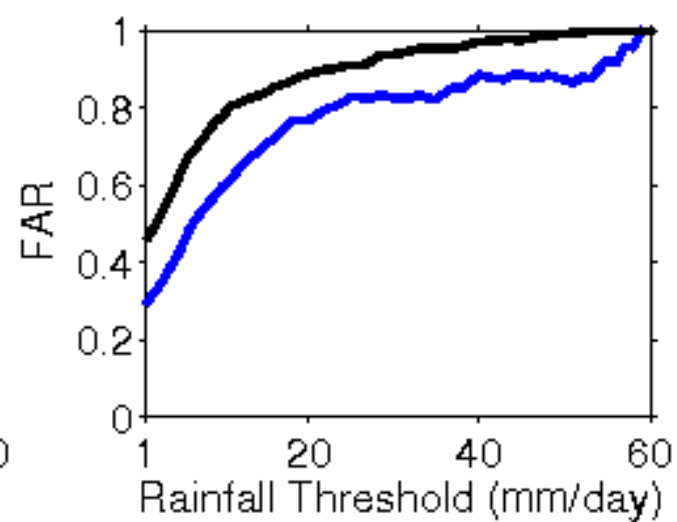
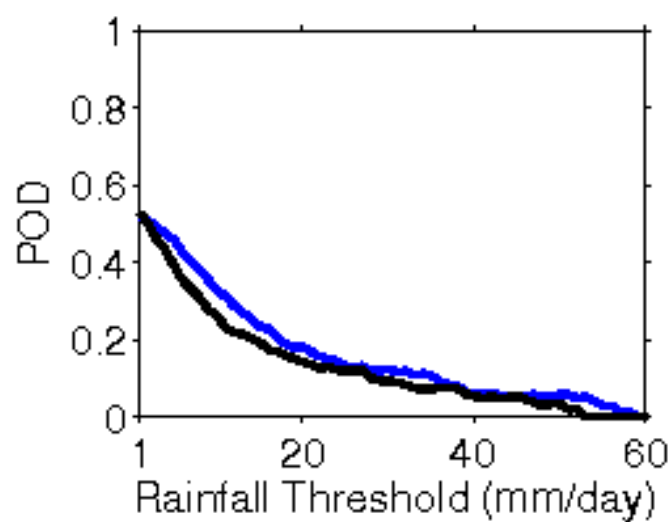
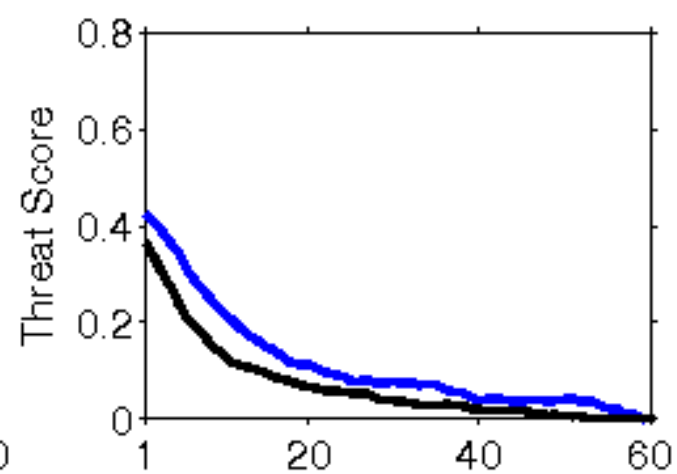
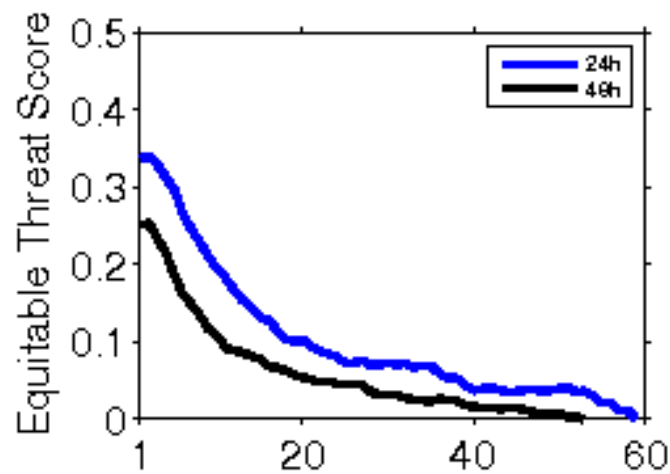


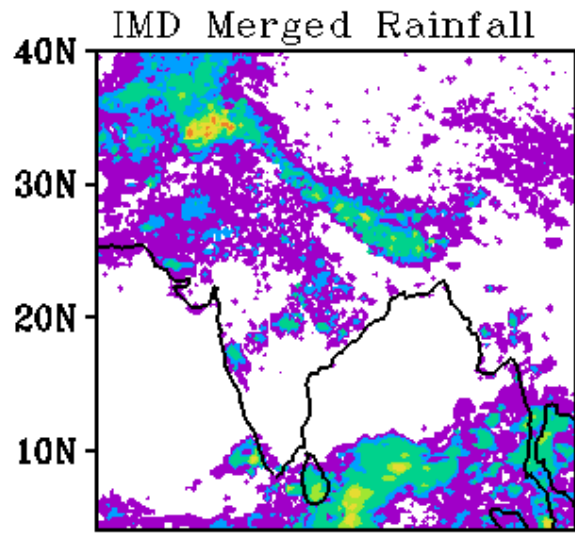
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 13-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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(-0.73)	16.63(7.85)	2.29(1.35)
<b>48 Hour</b>	2.56(-0.34)	20.31(8.67)	2.56(1.47)
<b>72 Hour</b>	3.18(-0.05)	22.40(8.75)	3.01(1.62)

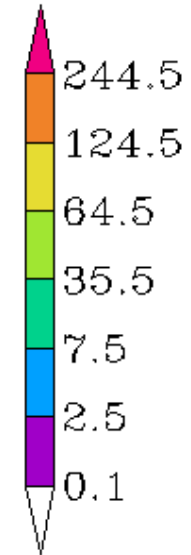




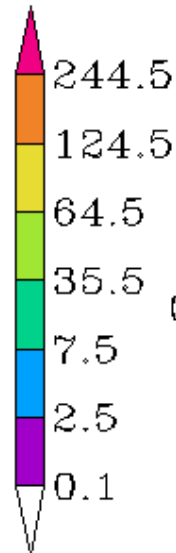




WRF Rainfall 24h FC



WRF-IMD Rainfall

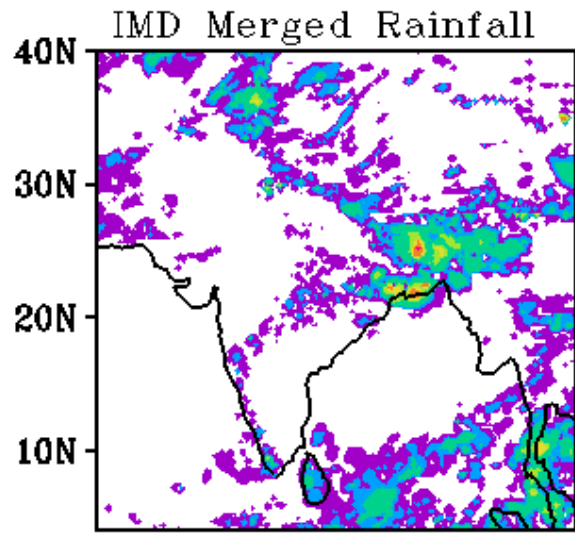


WRF Start Time

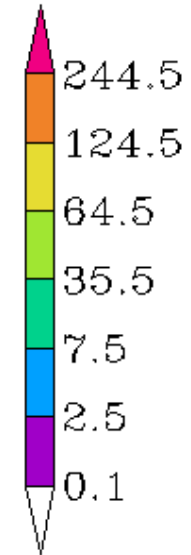
00Z 14042020

Forecast Period

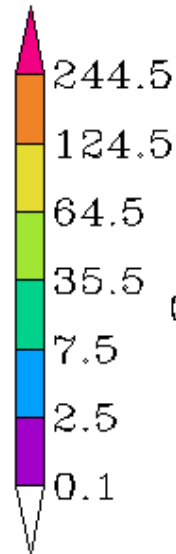
03Z 14042020-03Z 15042020



WRF Rainfall 48h FC



WRF-IMD Rainfall

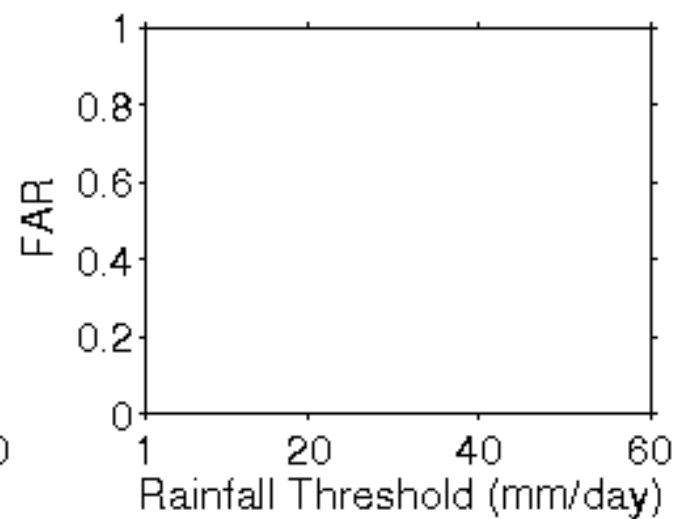
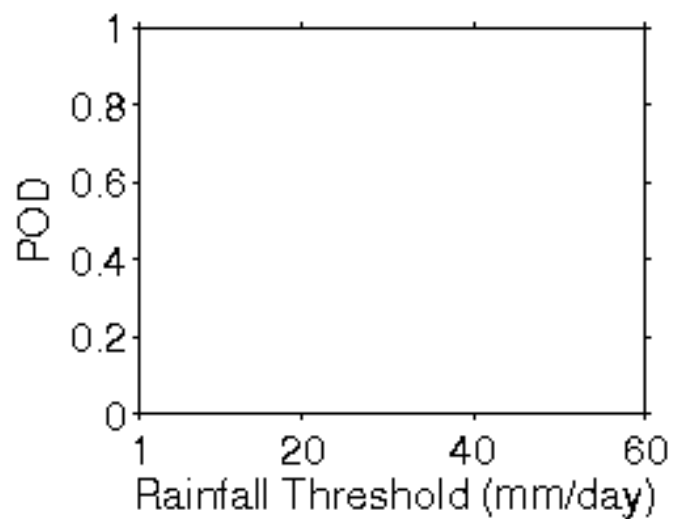
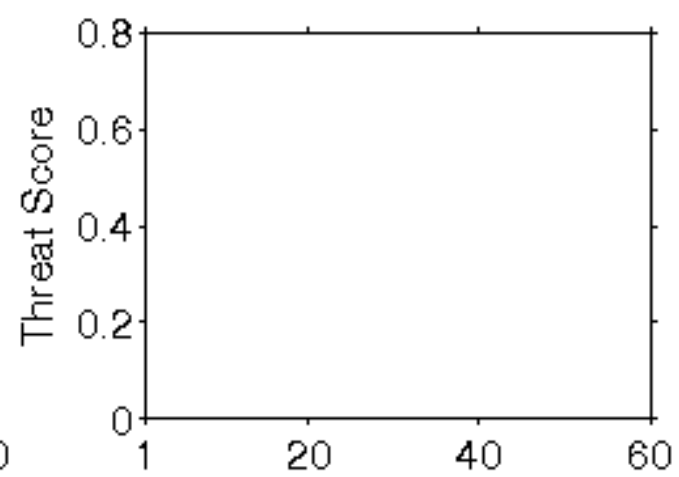
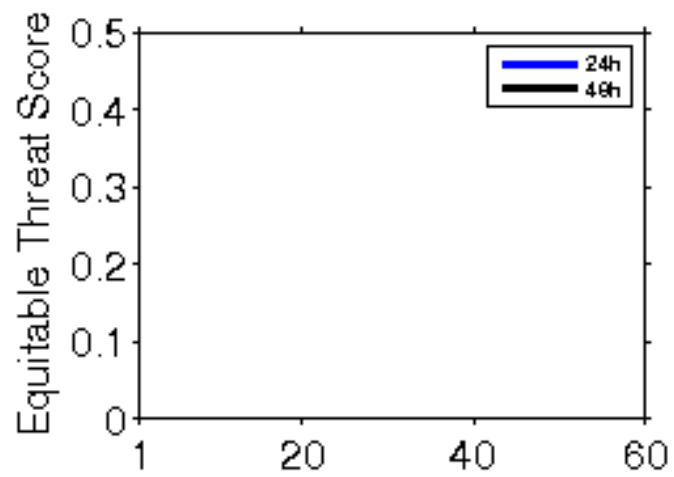


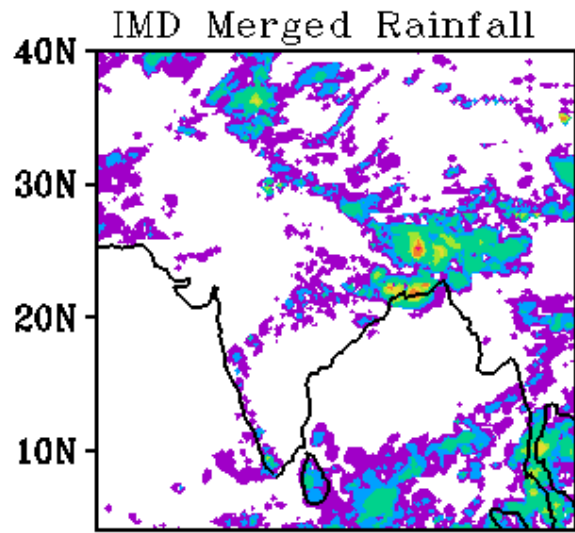
WRF Start Time

00Z 14042020

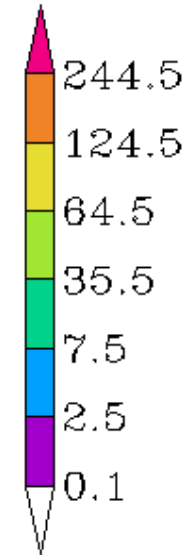
Forecast Period

03Z 15042020-03Z 16042020

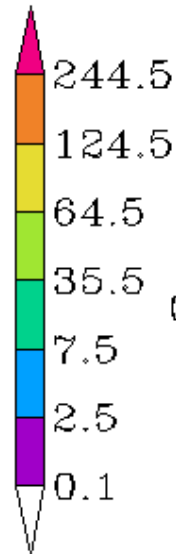




WRF Rainfall 24h FC



WRF-IMD Rainfall



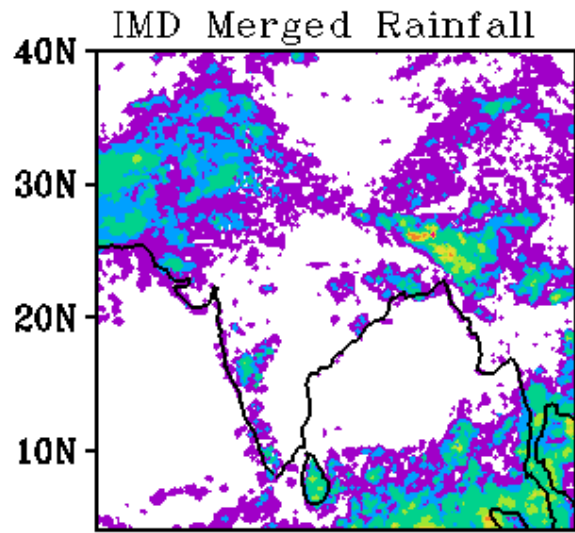
WRF Start Time

00Z 15042020

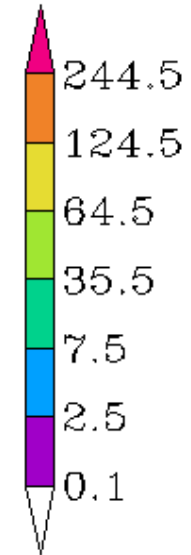
Forecast Period

03Z 15042020-03Z 16042020

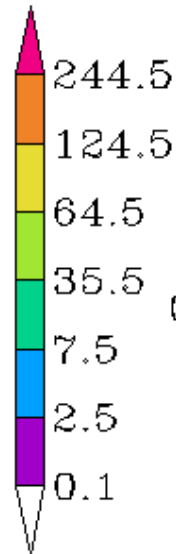




WRF Rainfall 48h FC



WRF-IMD Rainfall

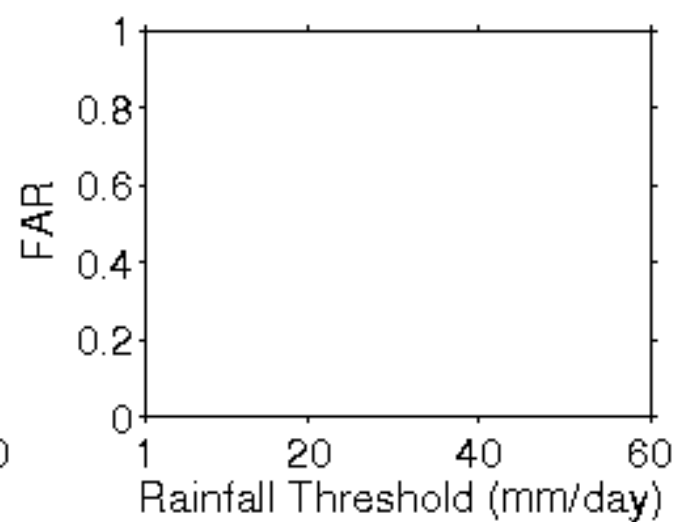
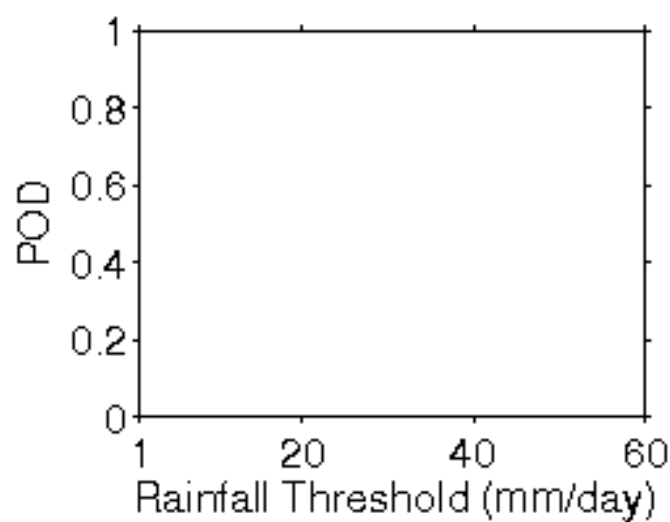
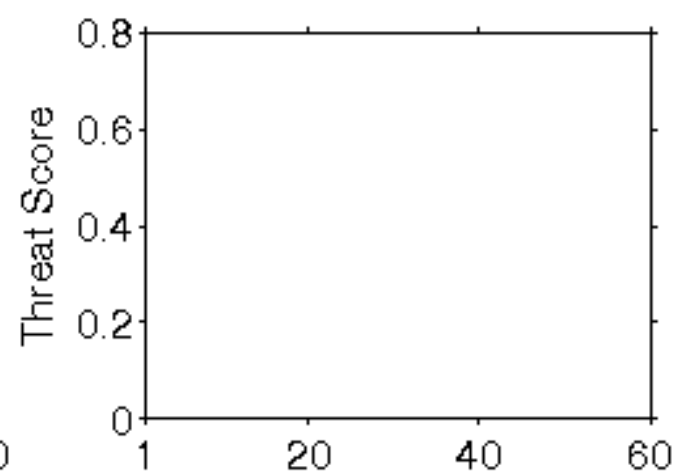
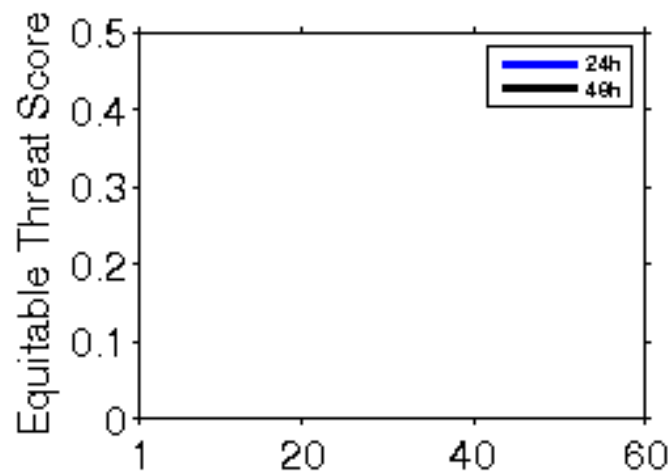


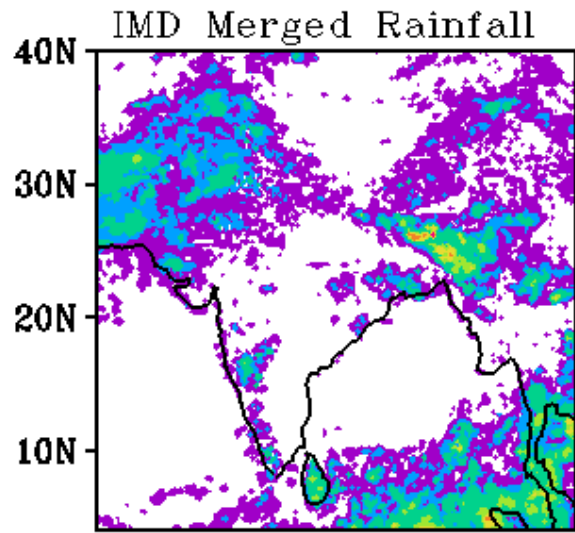
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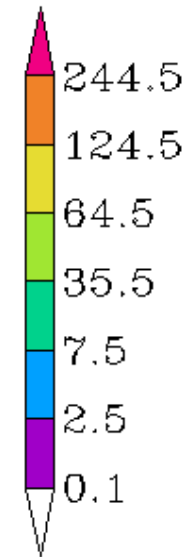
Forecast Period

03Z 16042020-03Z 17042020

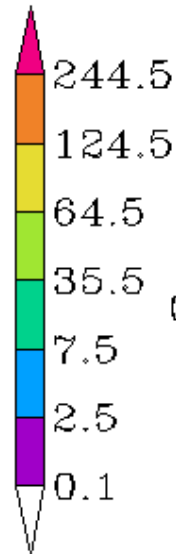




WRF Rainfall 24h FC



WRF-IMD Rainfall

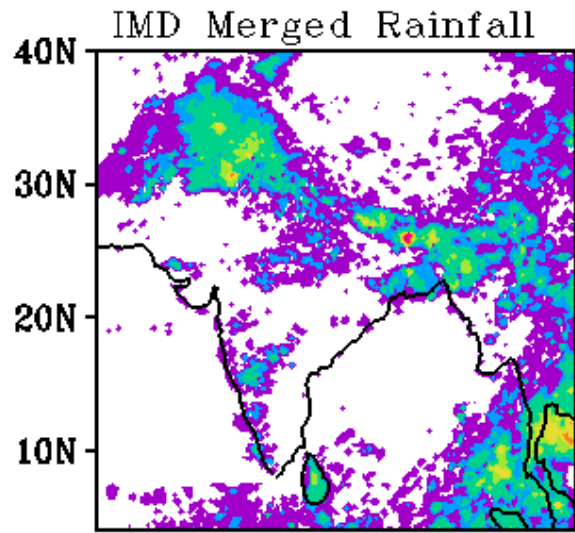


WRF Start Time

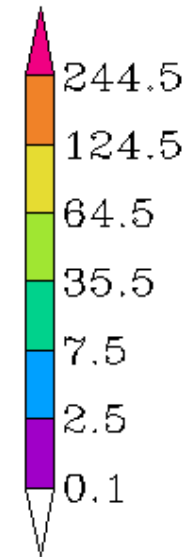
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Forecast Period

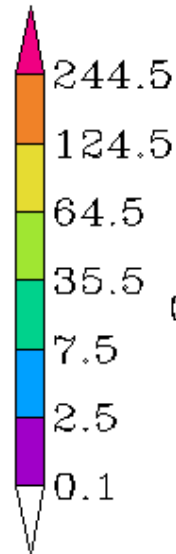
03Z 16042020-03Z 17042020



WRF Rainfall 48h FC



WRF-IMD Rainfall

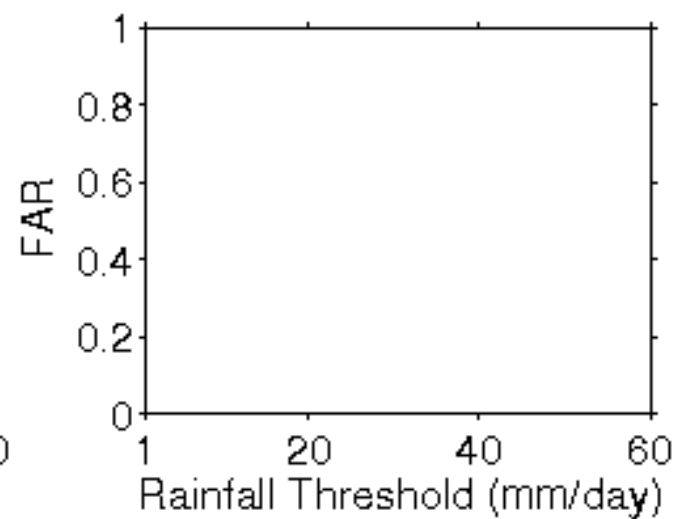
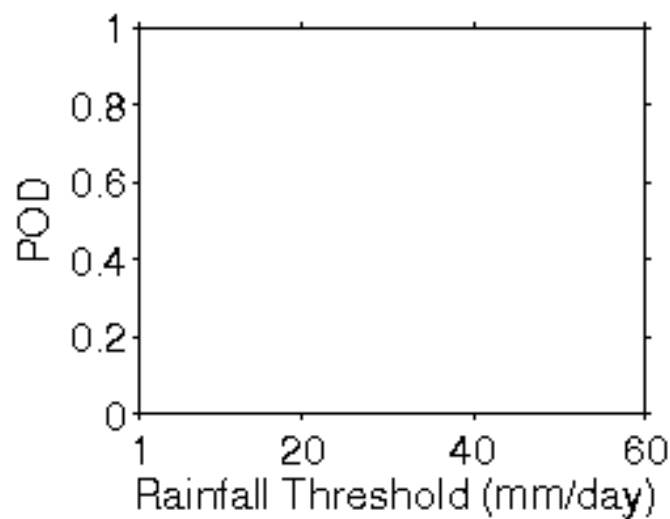
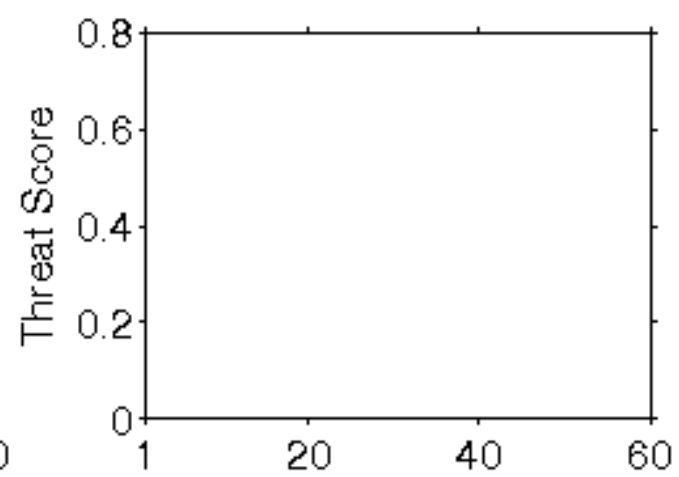
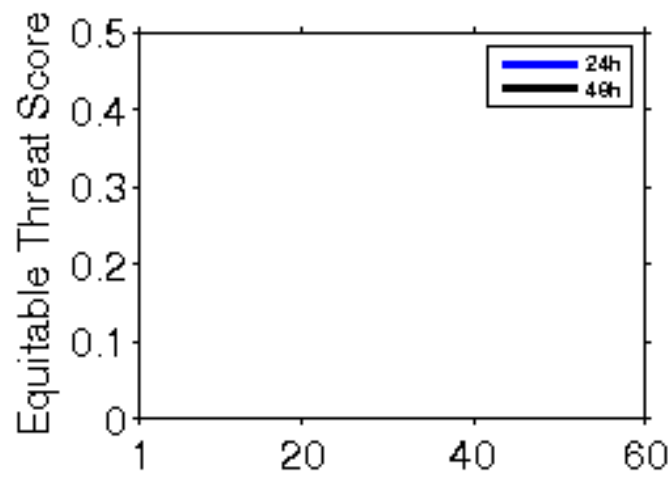


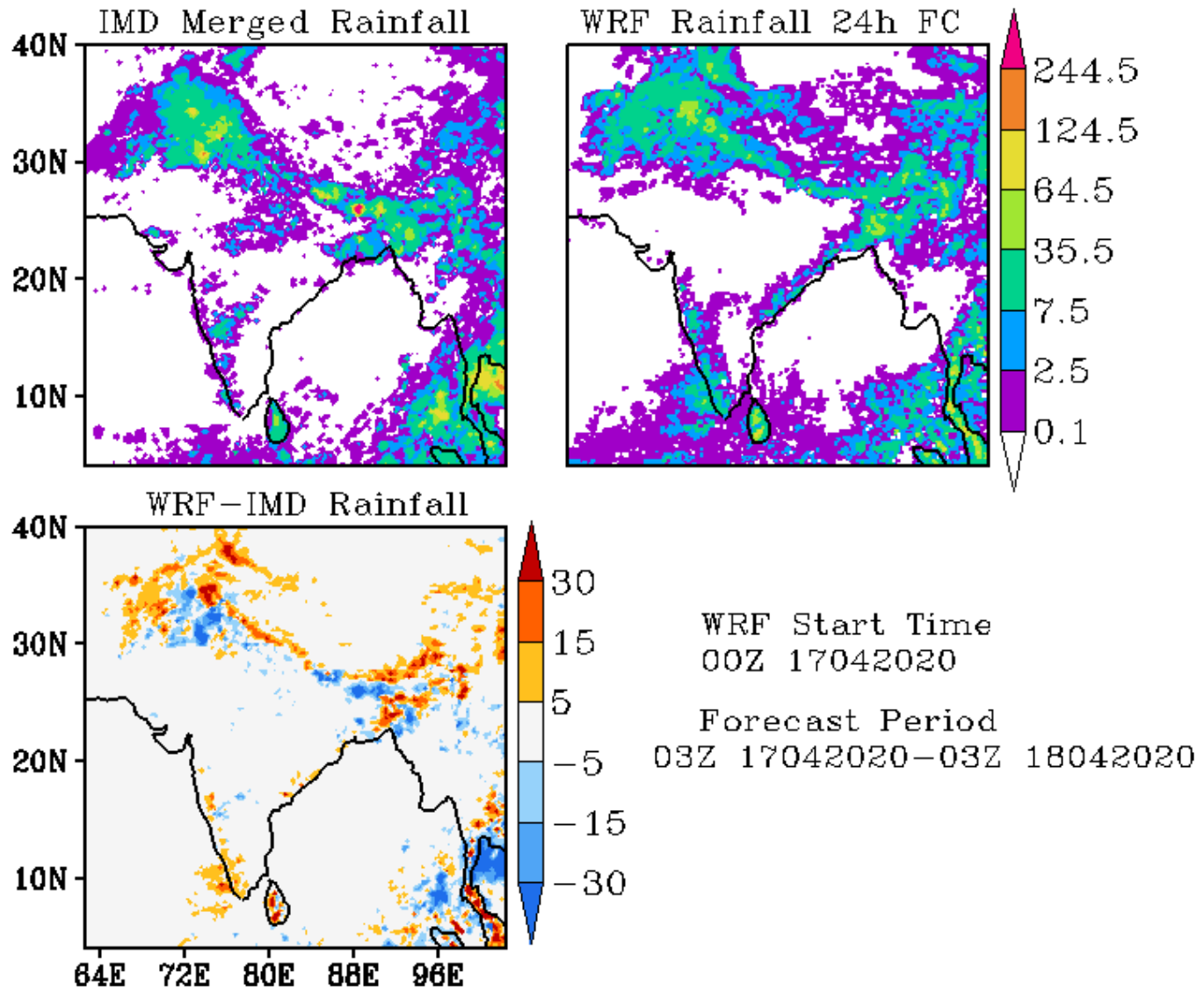
WRF Start Time

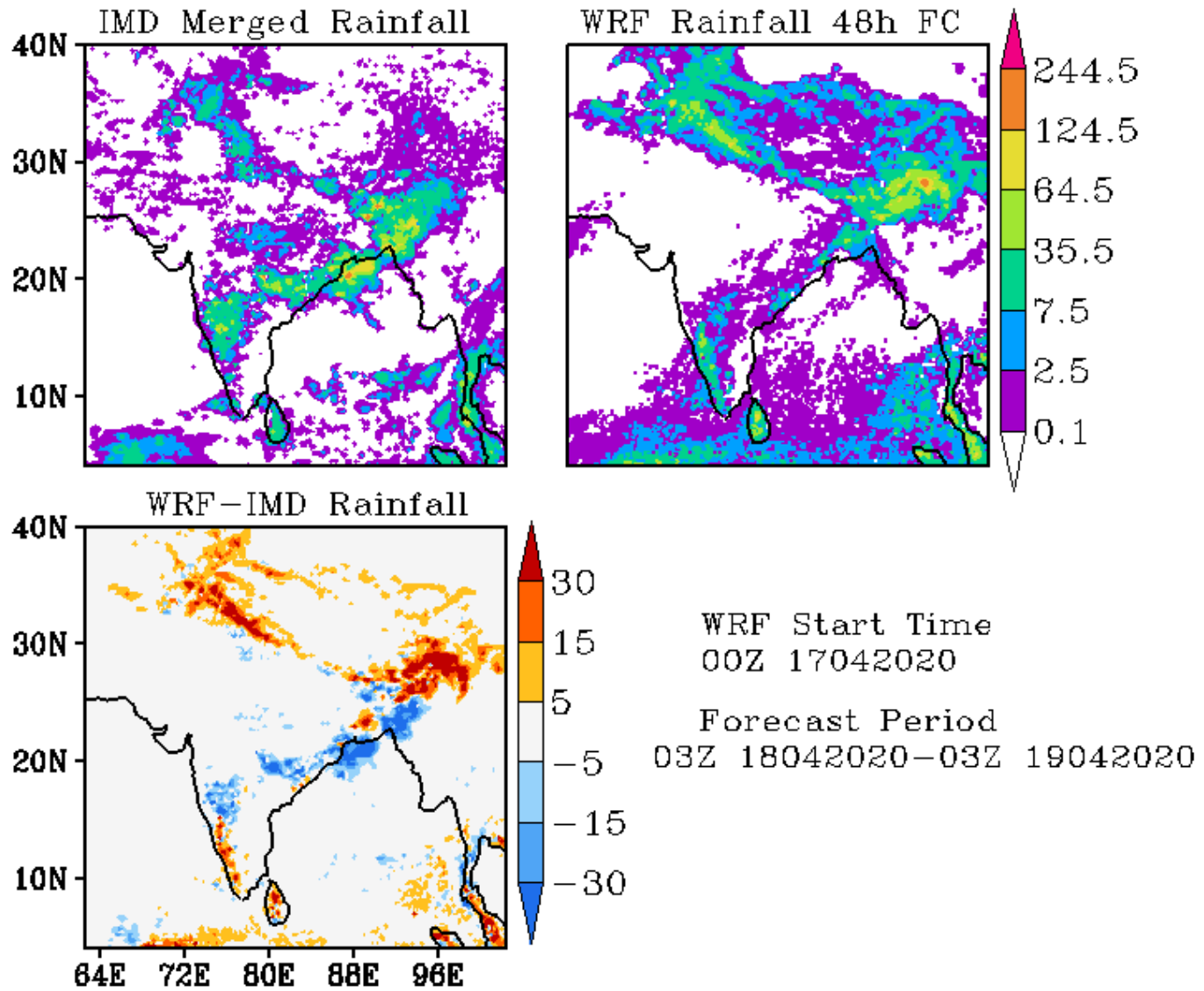
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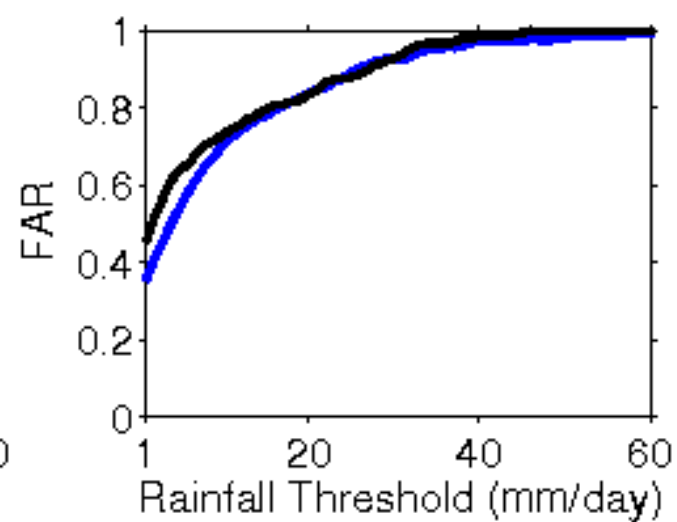
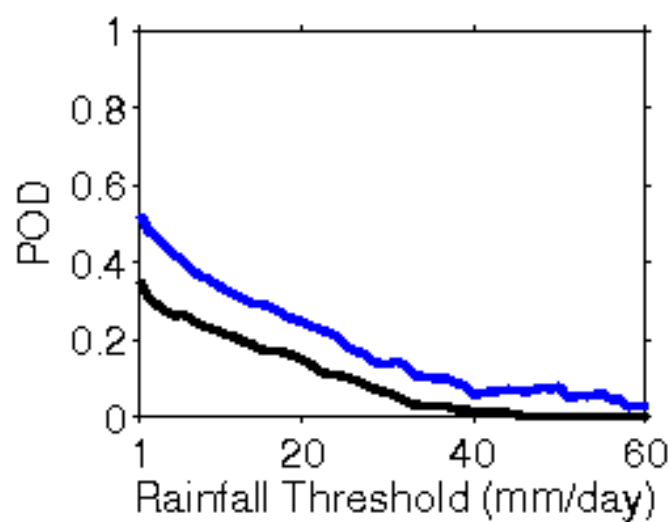
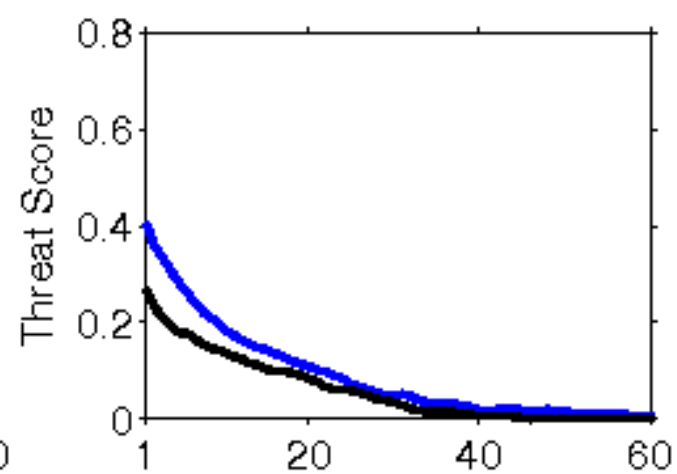
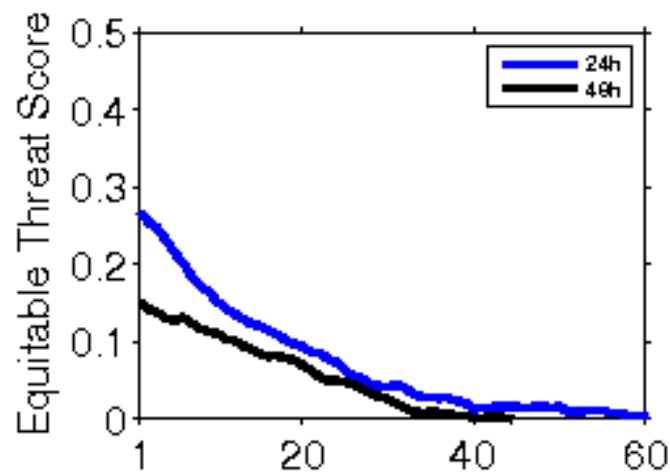
Forecast Period

03Z 17042020-03Z 18042020

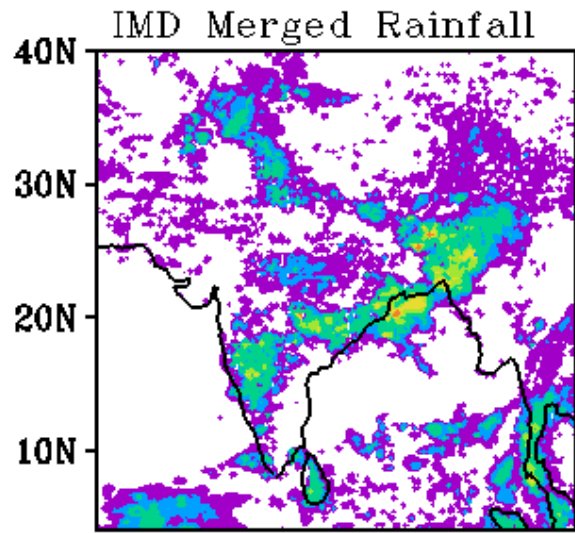




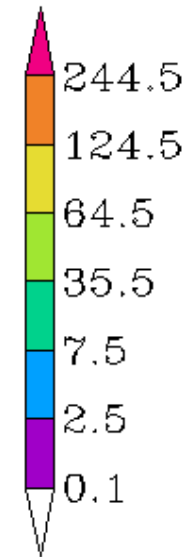




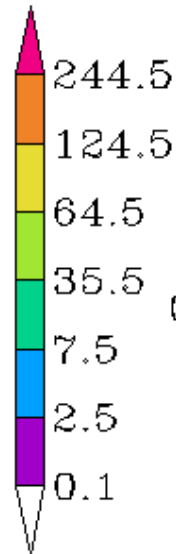




WRF Rainfall 24h FC



WRF-IMD Rainfall

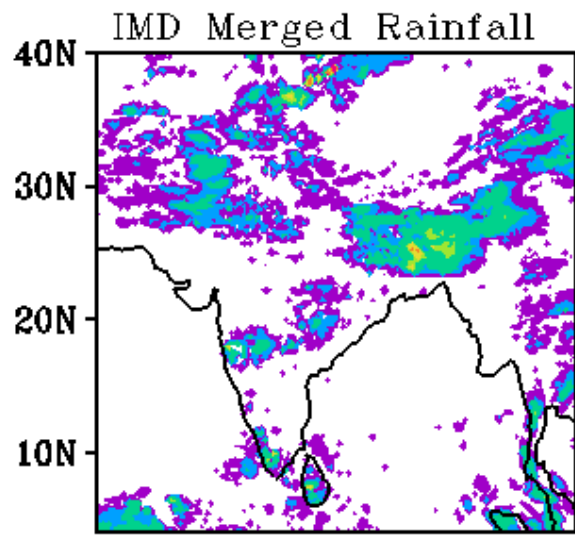


WRF Start Time

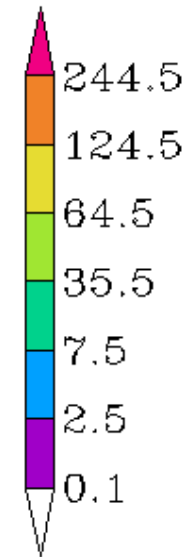
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Forecast Period

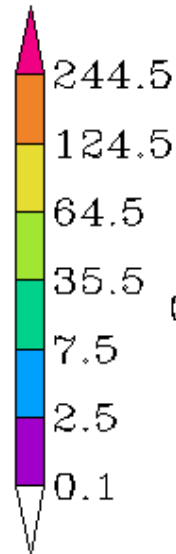
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WRF Rainfall 48h FC



WRF-IMD Rainfall

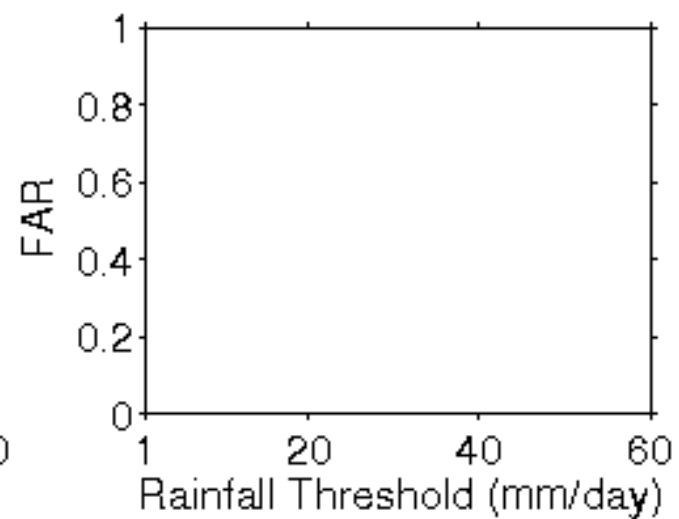
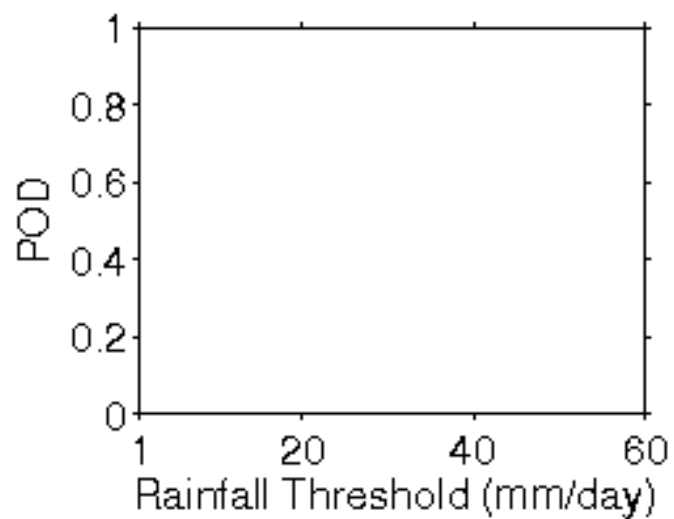
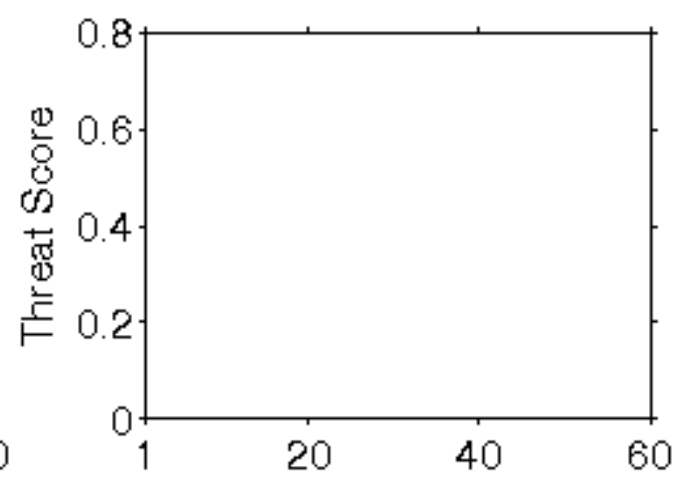
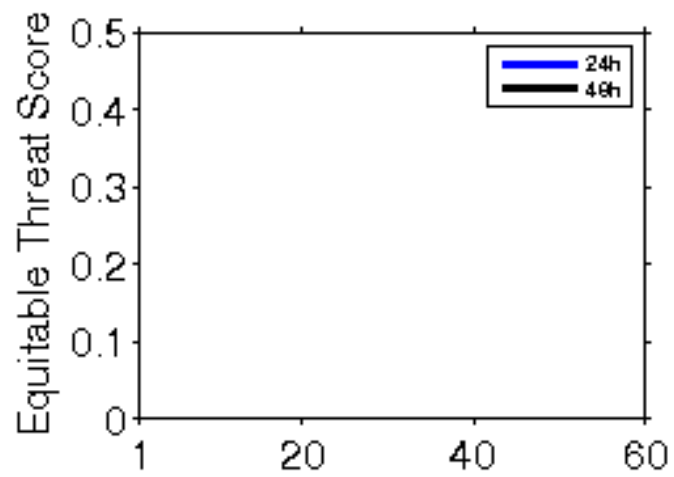


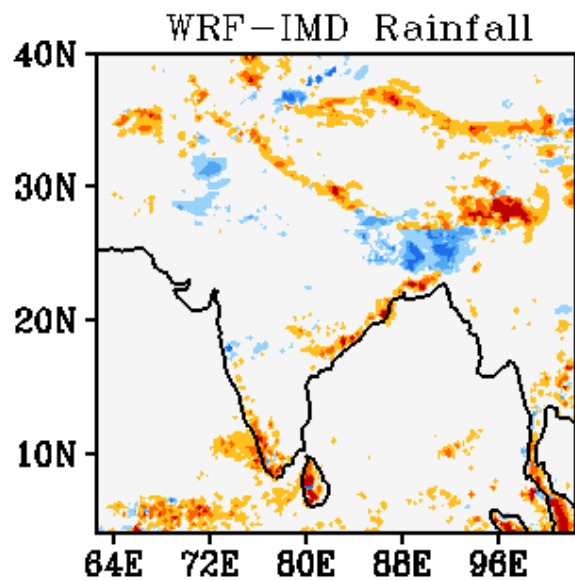
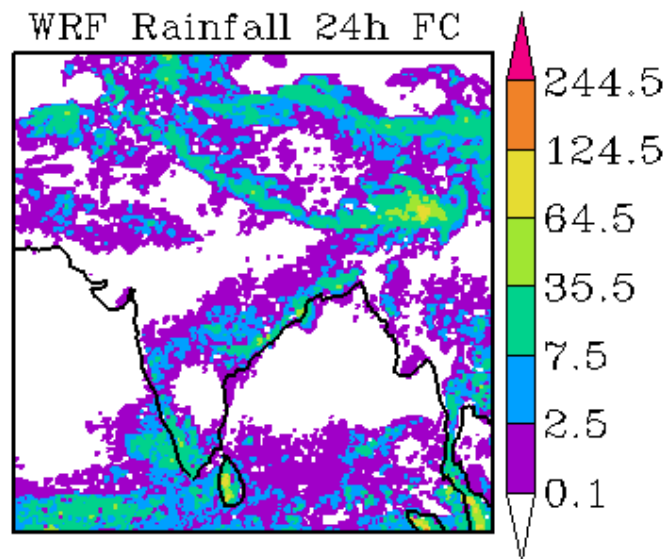
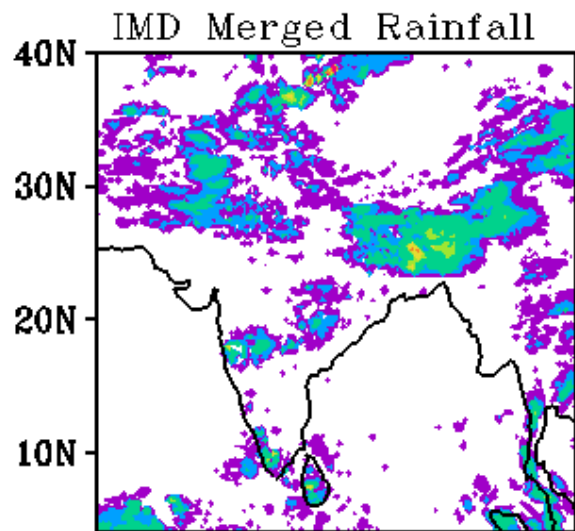
WRF Start Time

00Z 18042020

Forecast Period

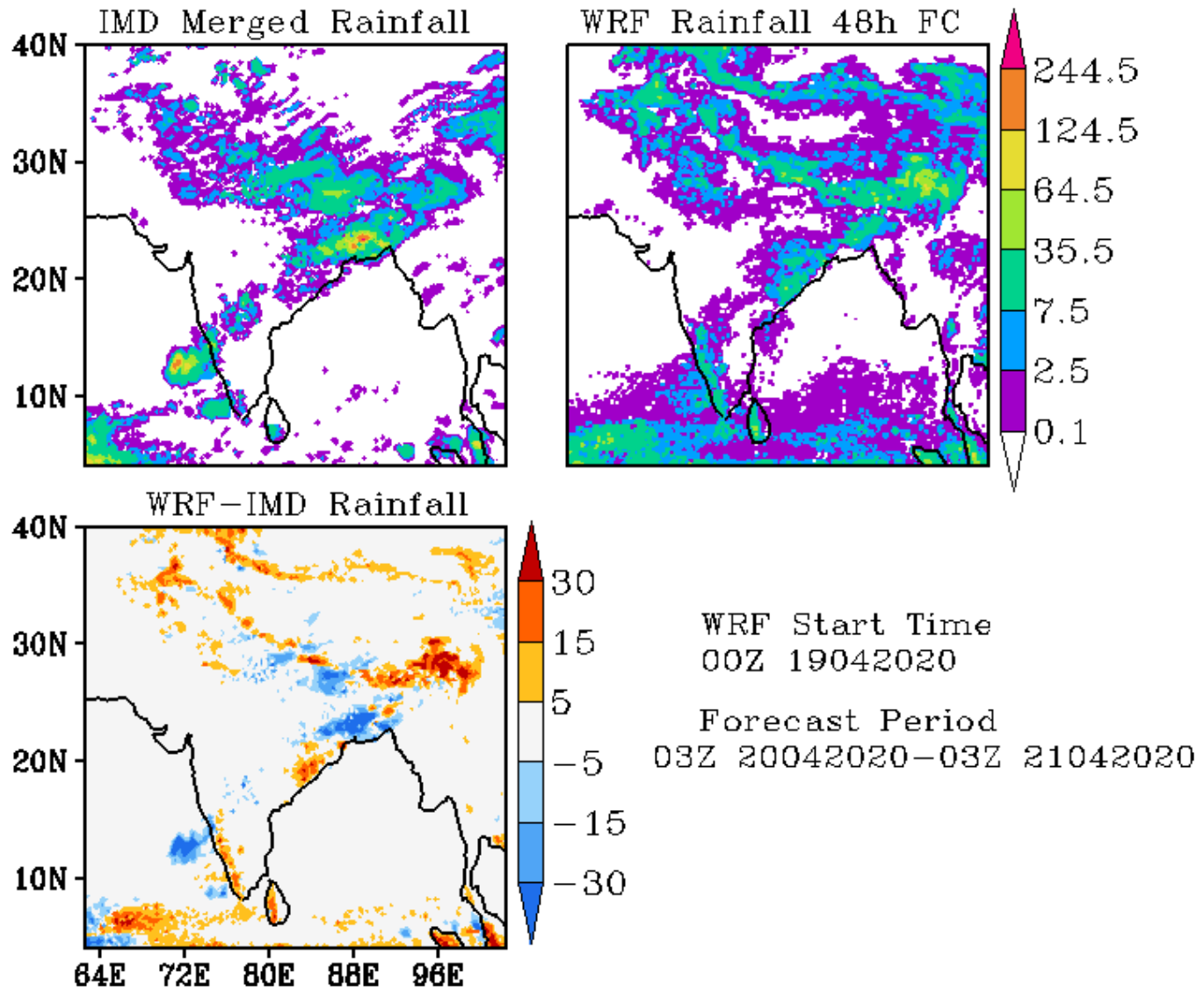
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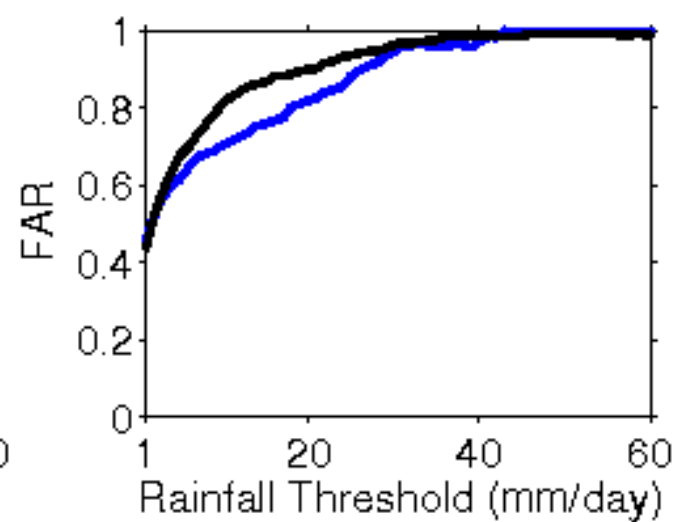
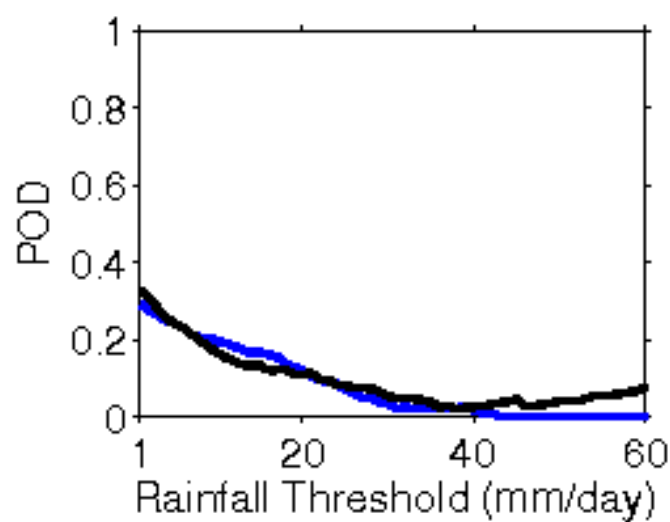
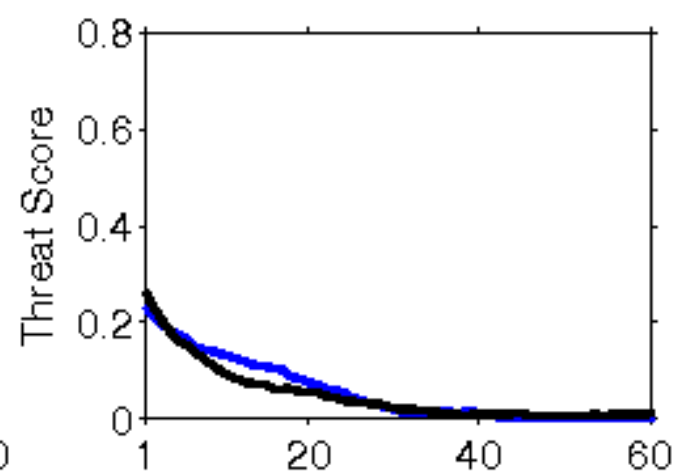
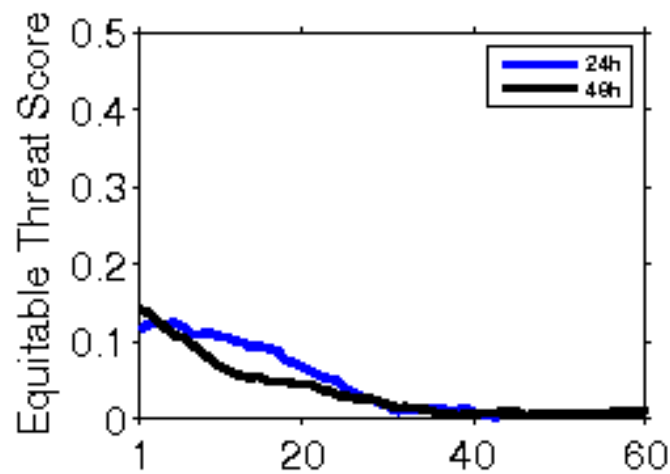


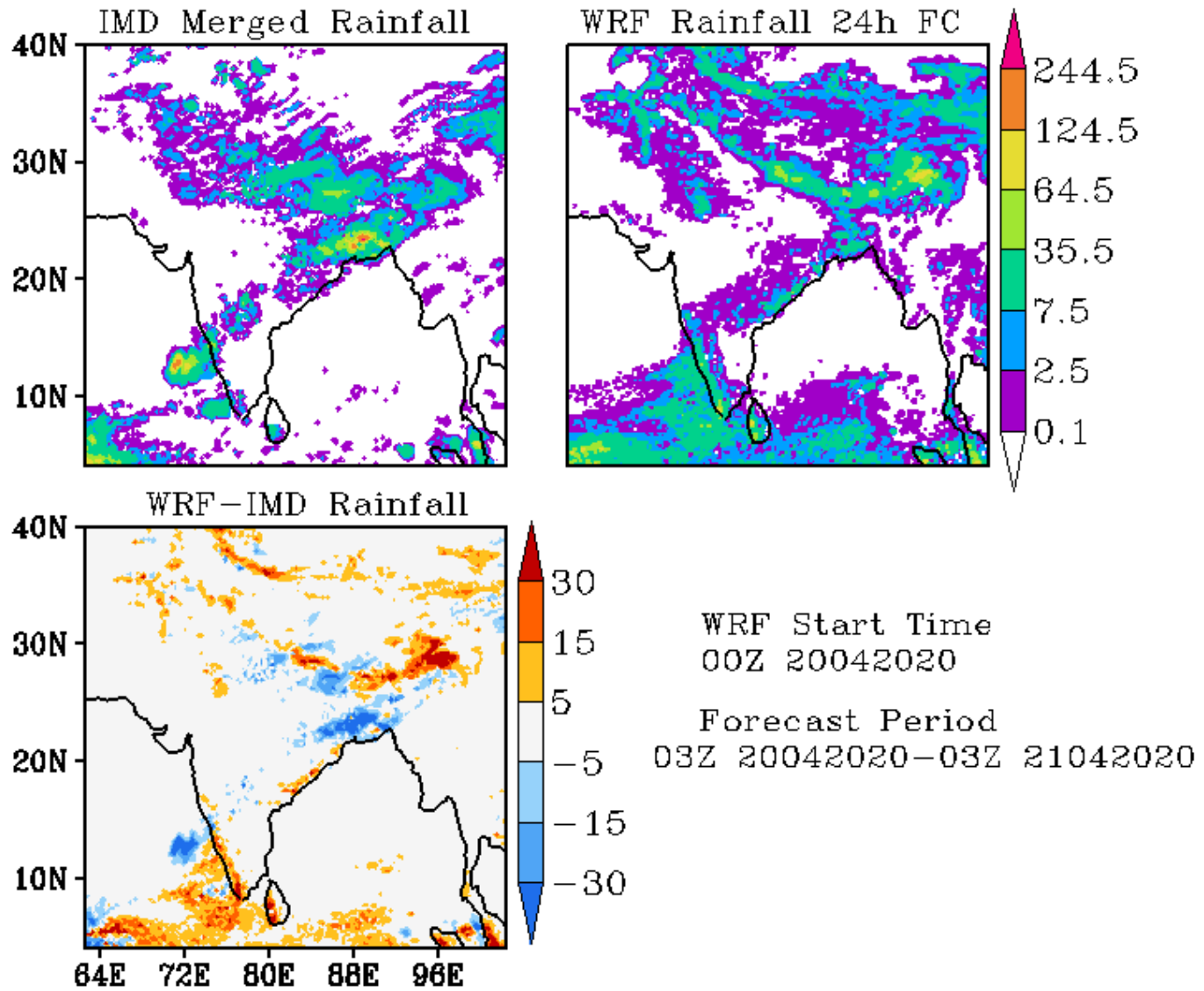


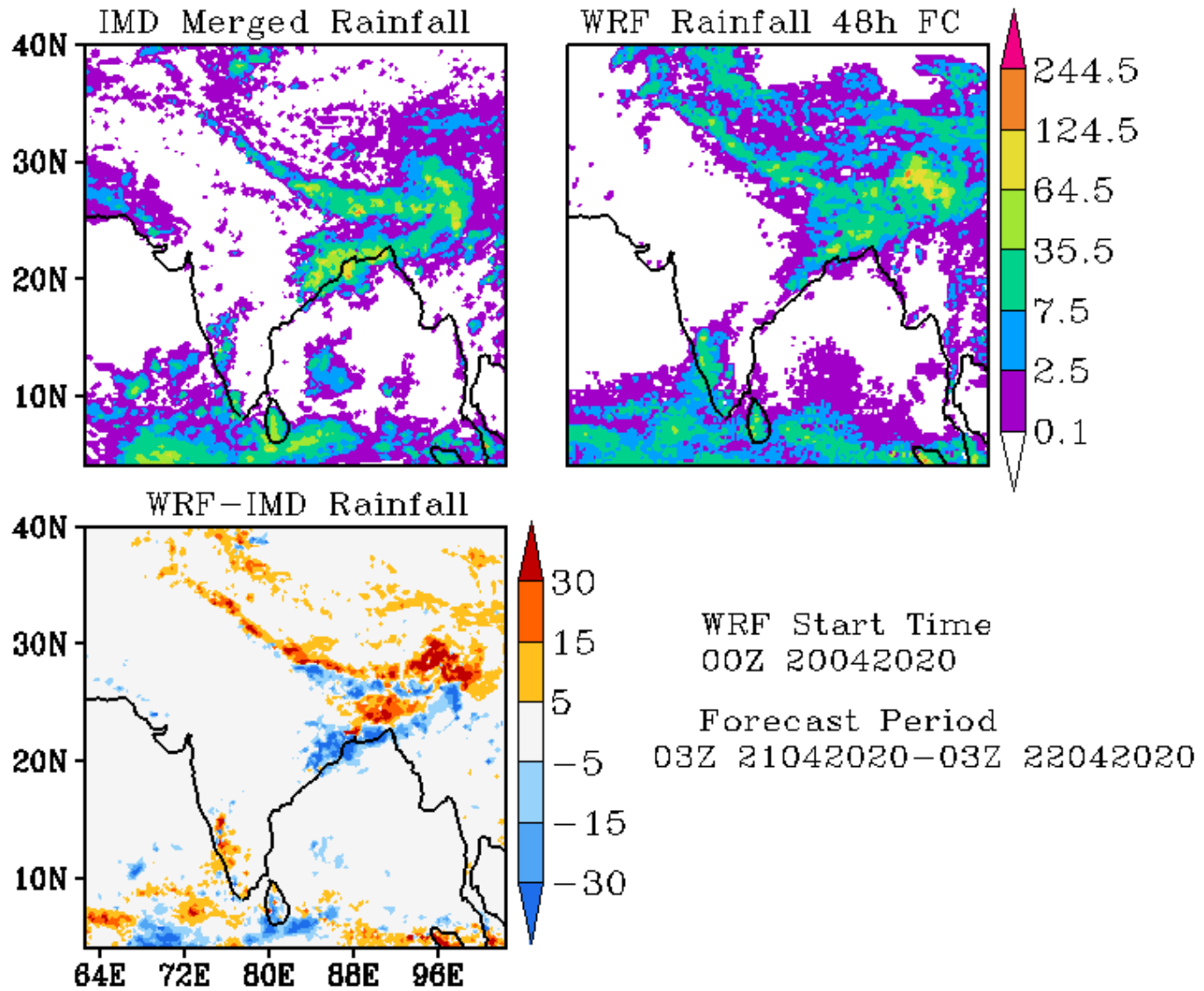
WRF Start Time  
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Forecast Period  
03Z 19042020-03Z 20042020

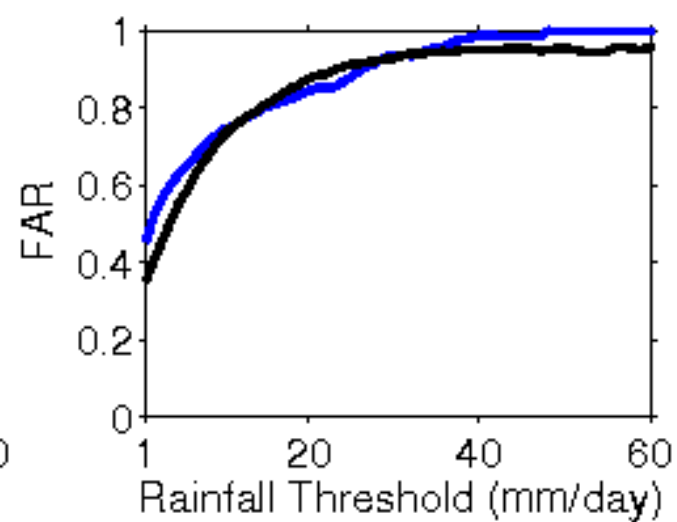
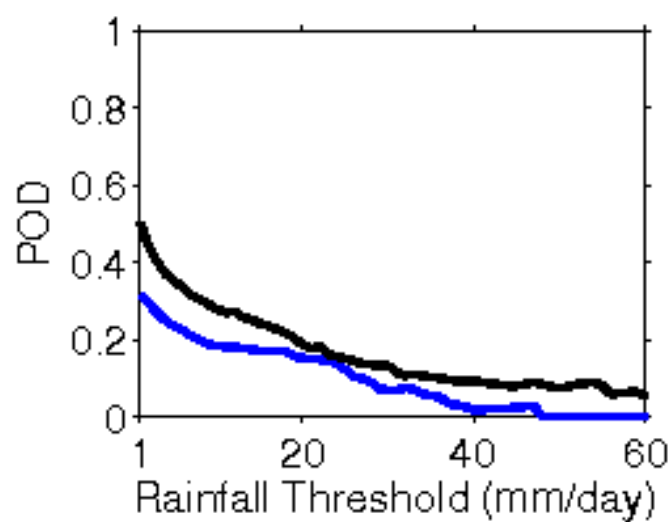
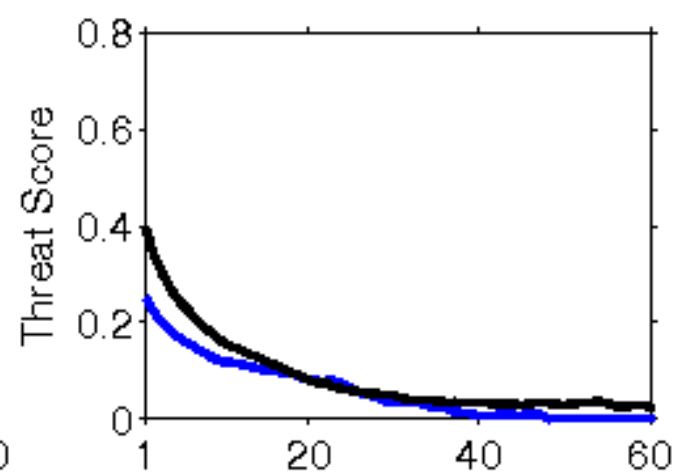
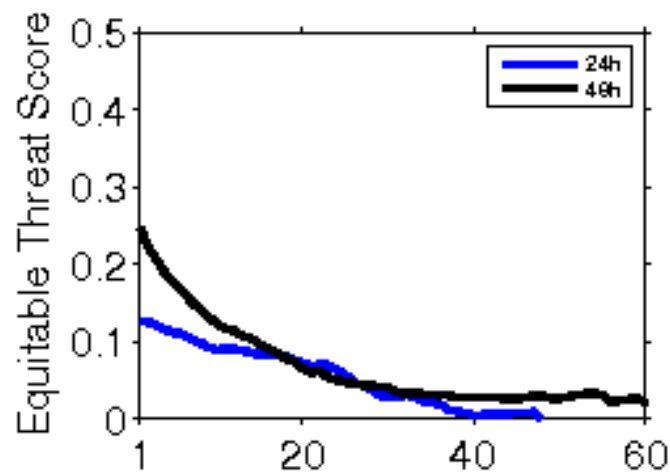


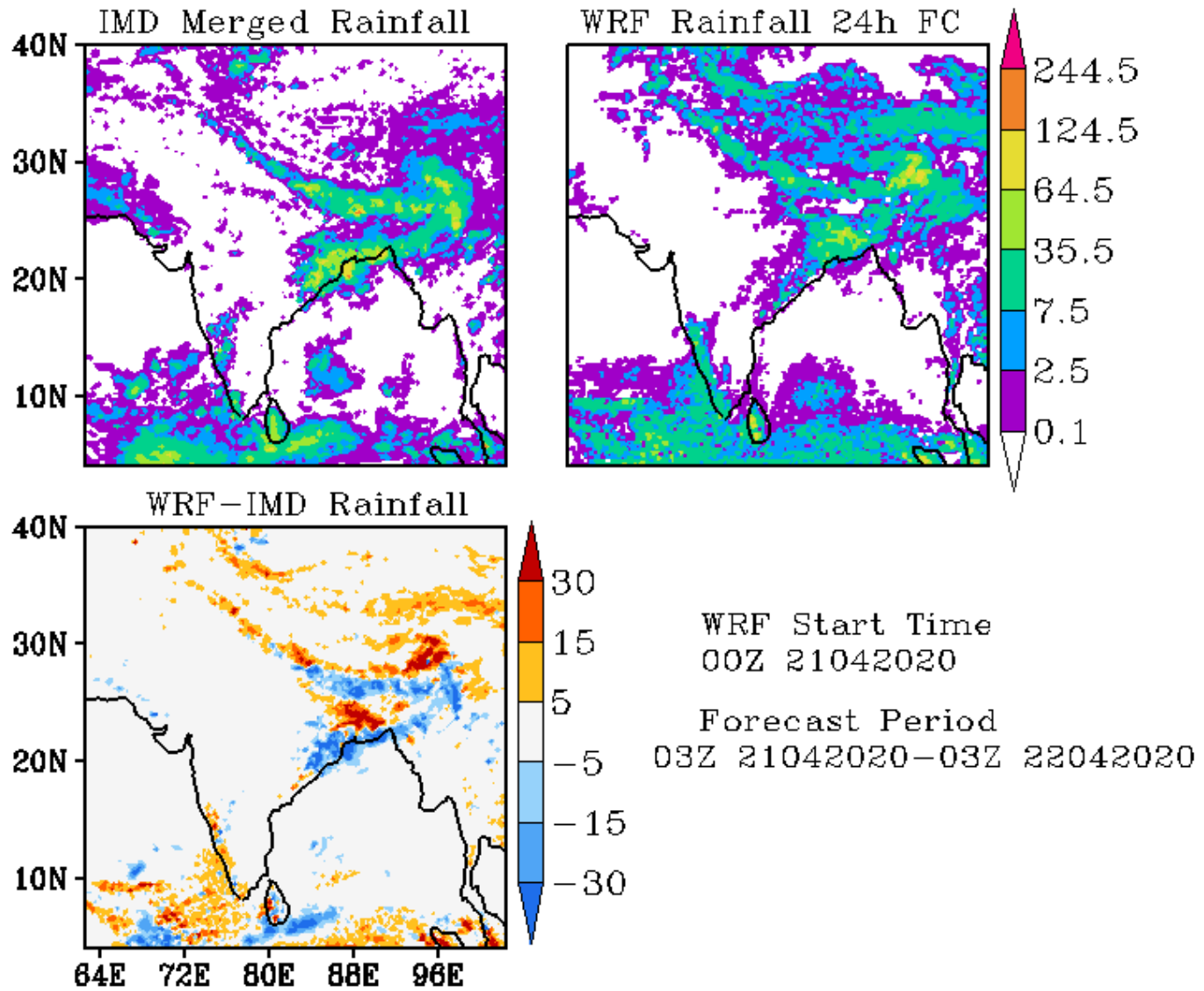


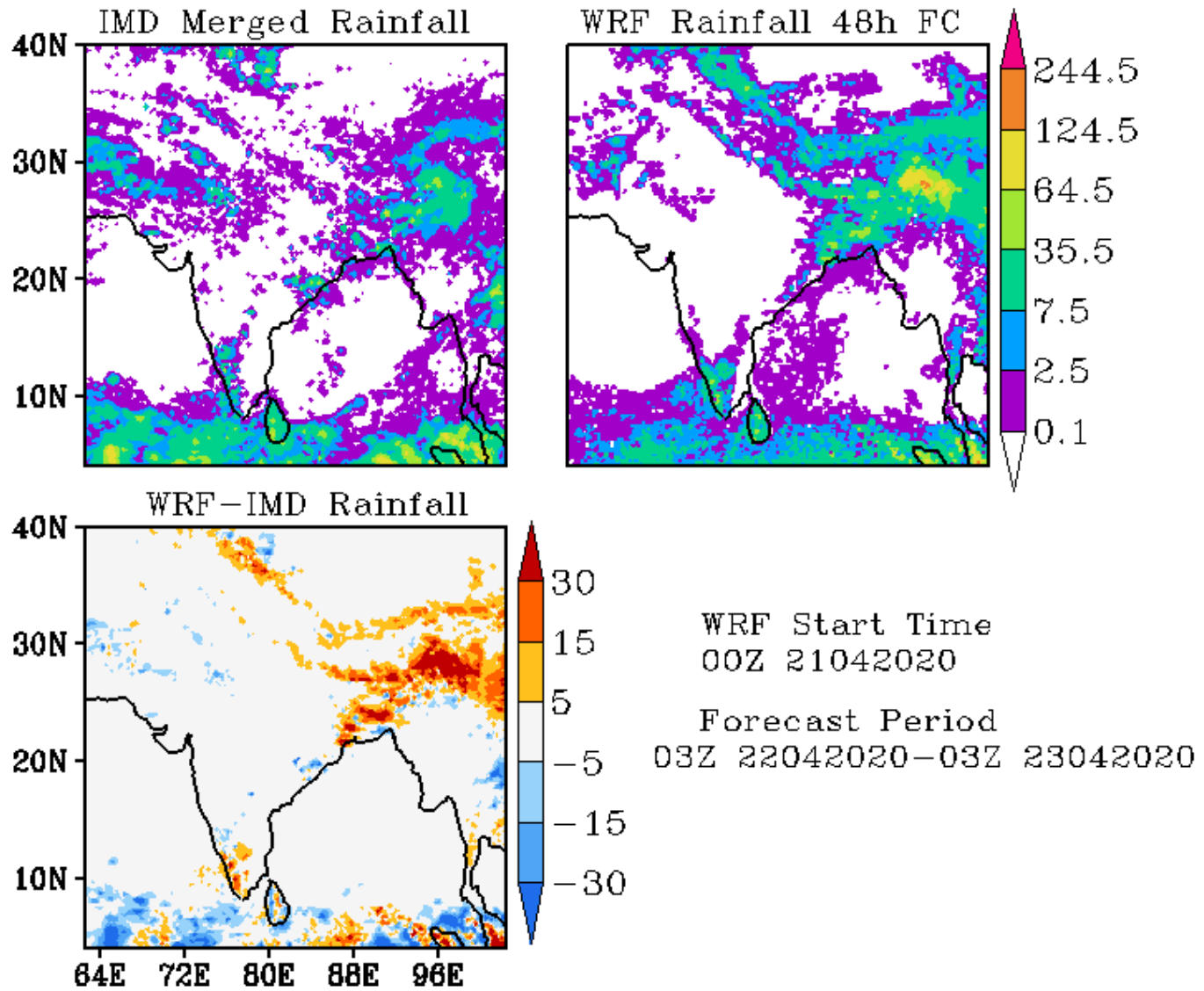


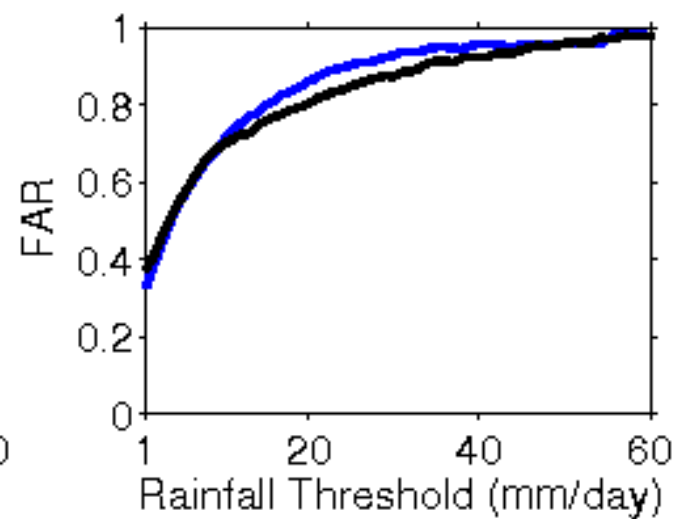
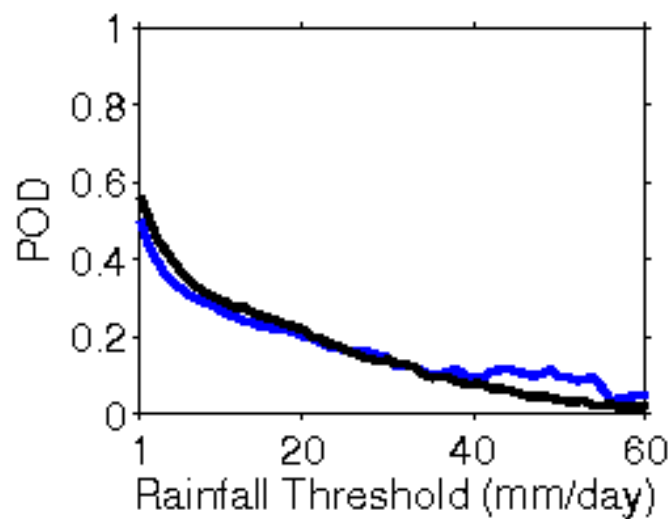
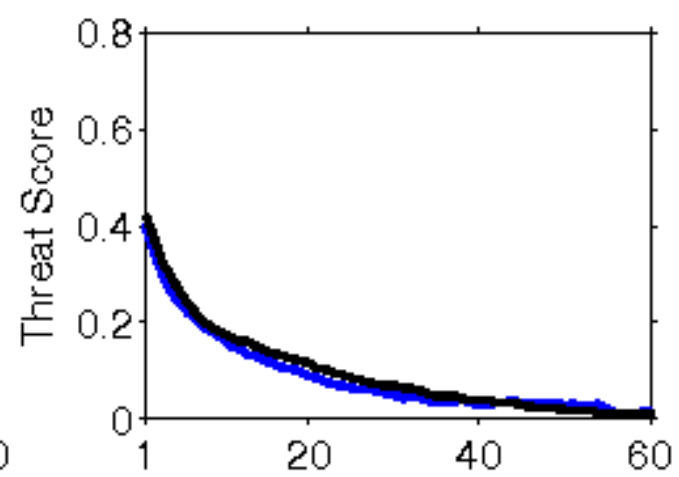
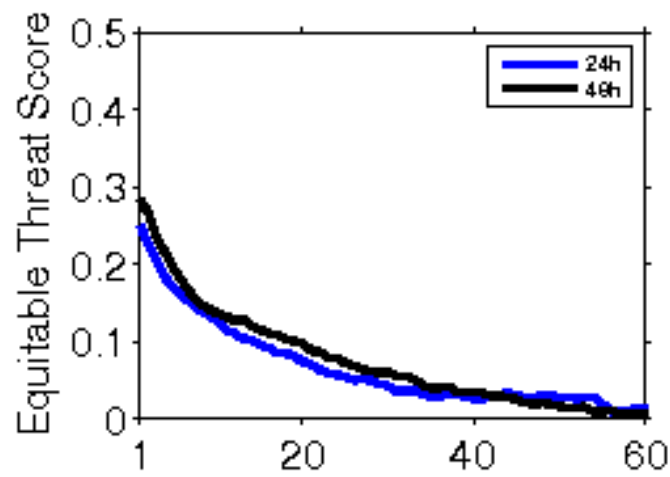


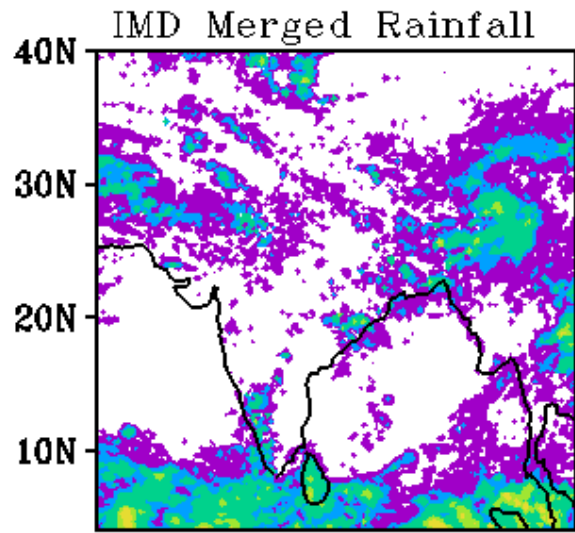




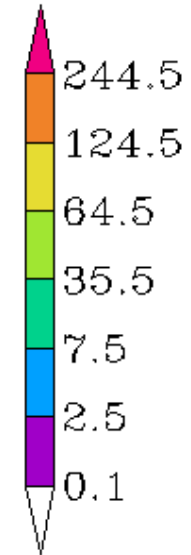




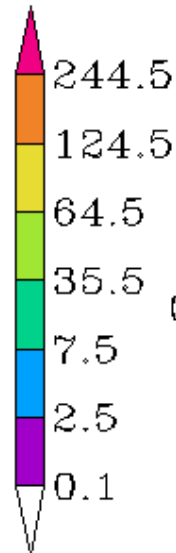




WRF Rainfall 24h FC



WRF-IMD Rainfall

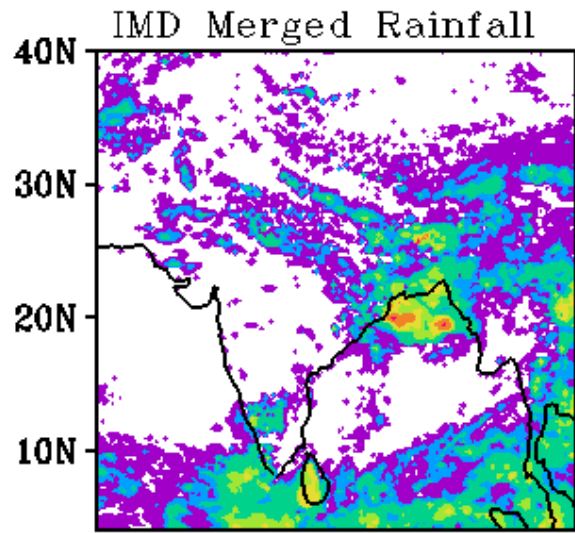


WRF Start Time

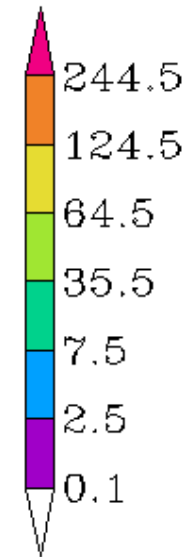
00Z 22042020

Forecast Period

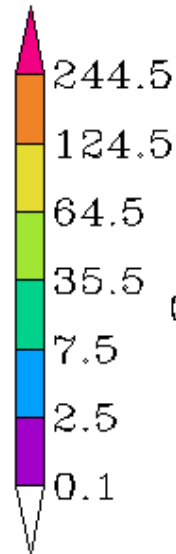
03Z 22042020-03Z 23042020



WRF Rainfall 48h FC



WRF-IMD Rainfall

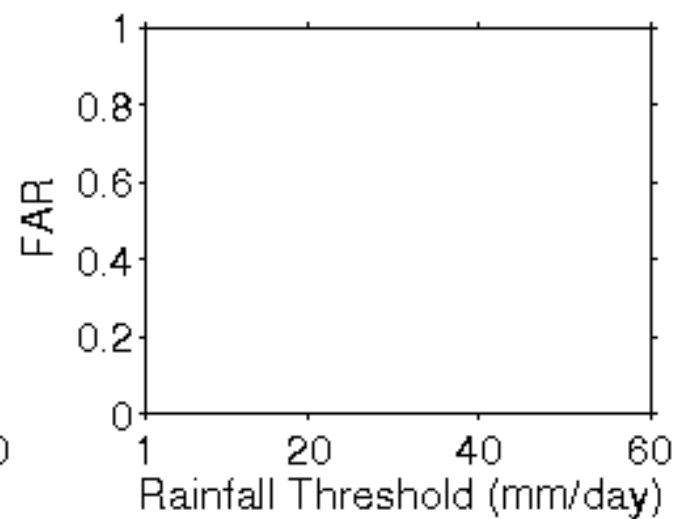
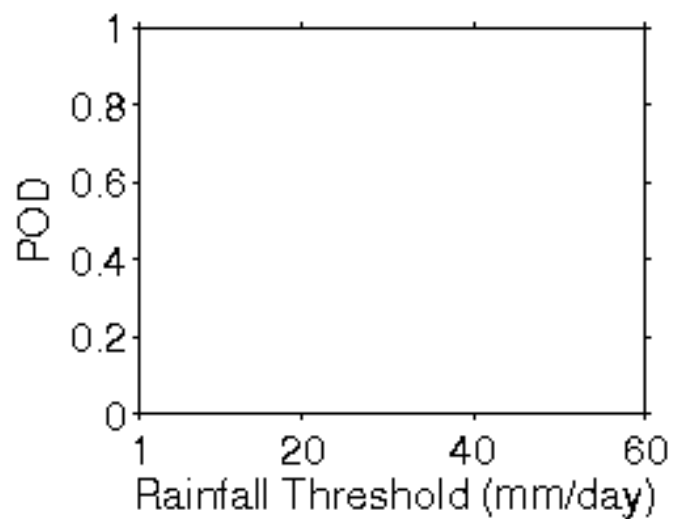
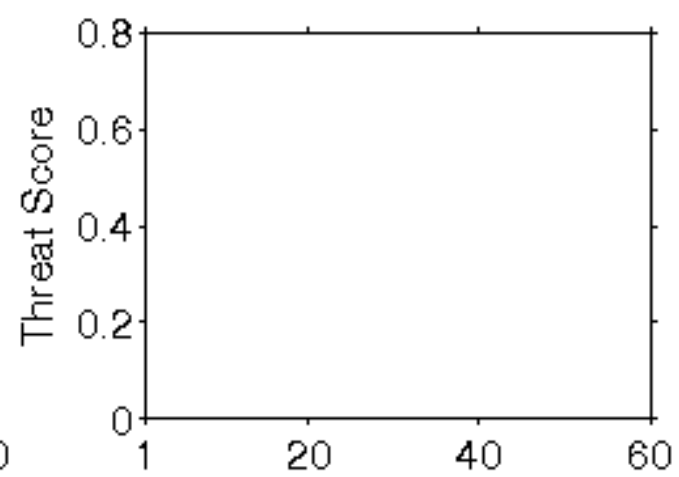
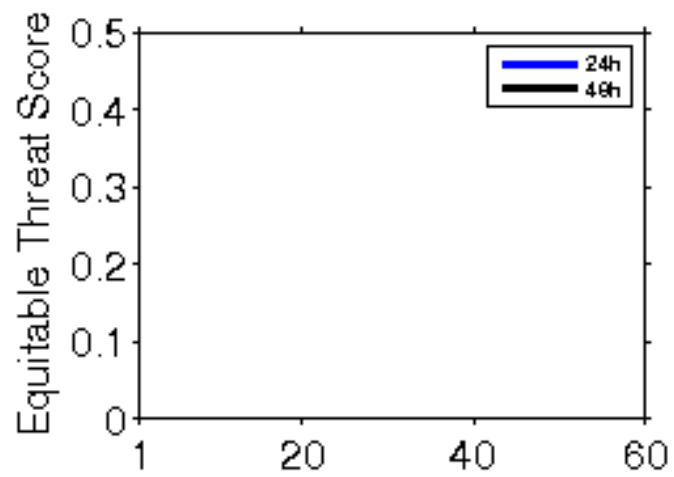


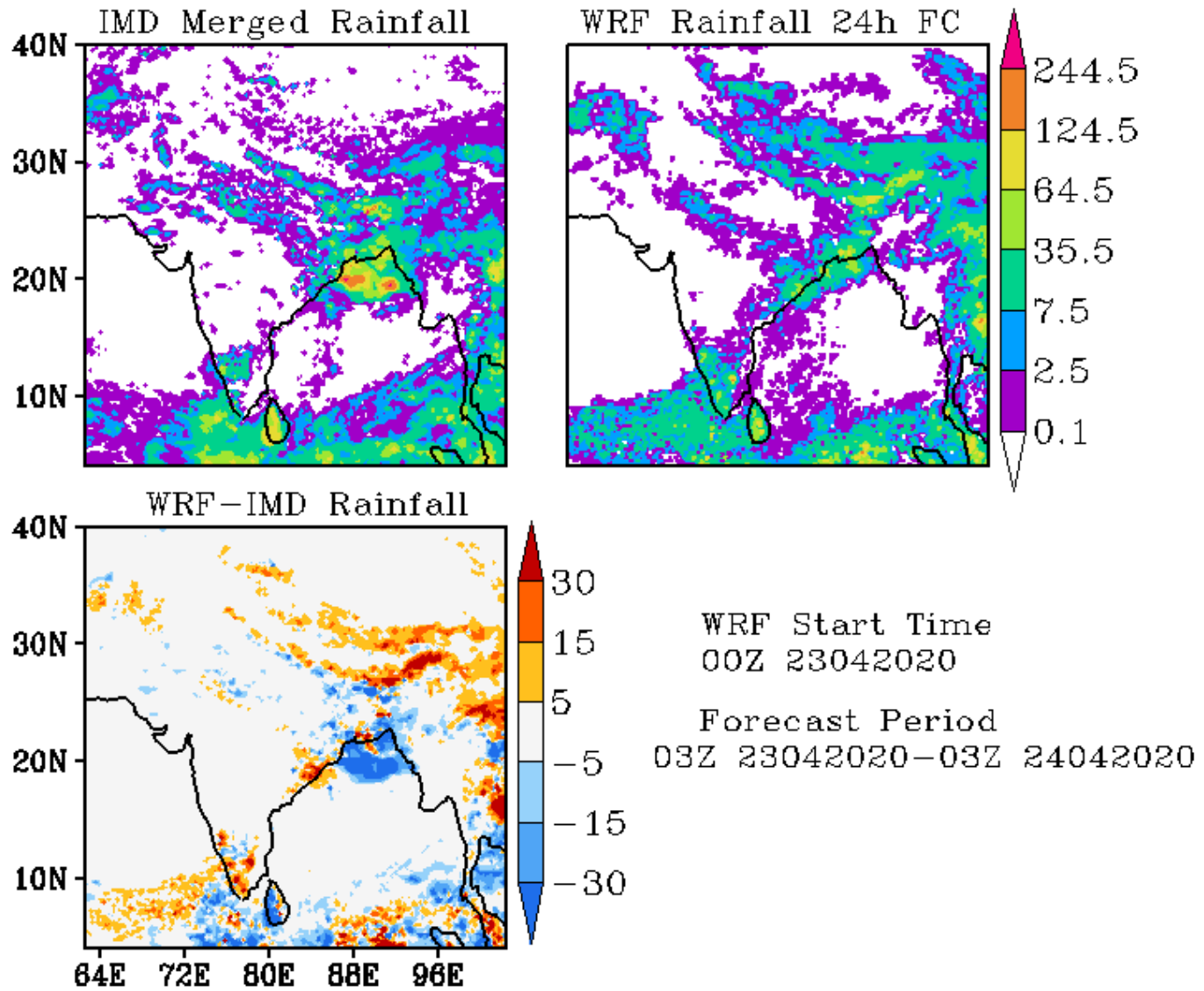
WRF Start Time

00Z 22042020

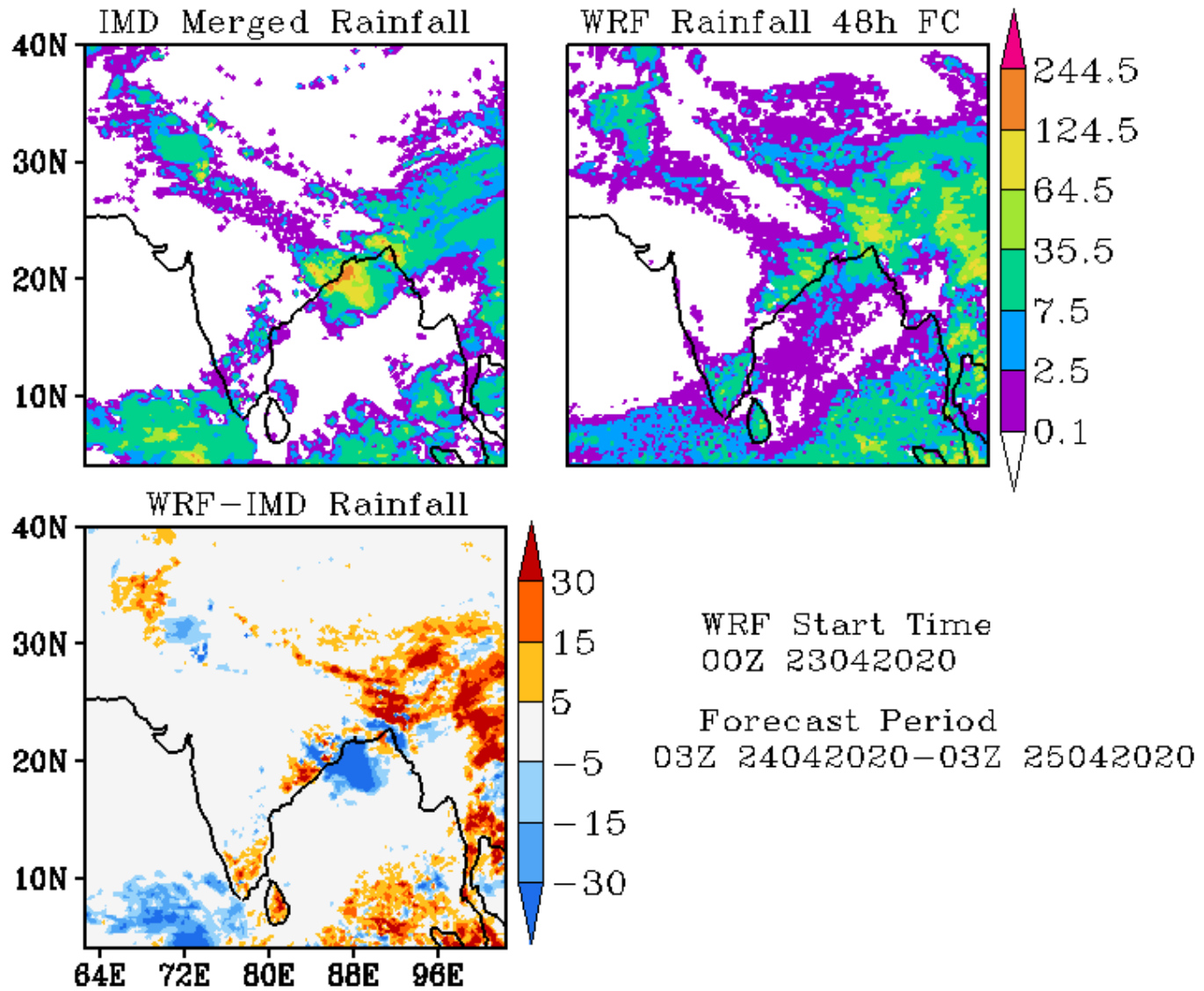
Forecast Period

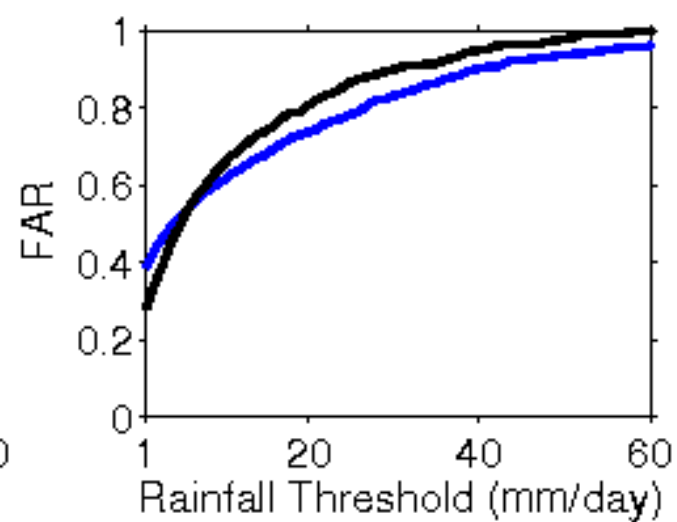
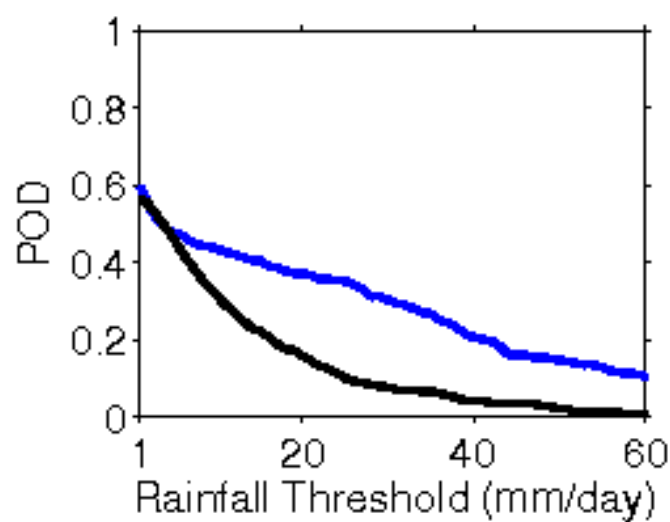
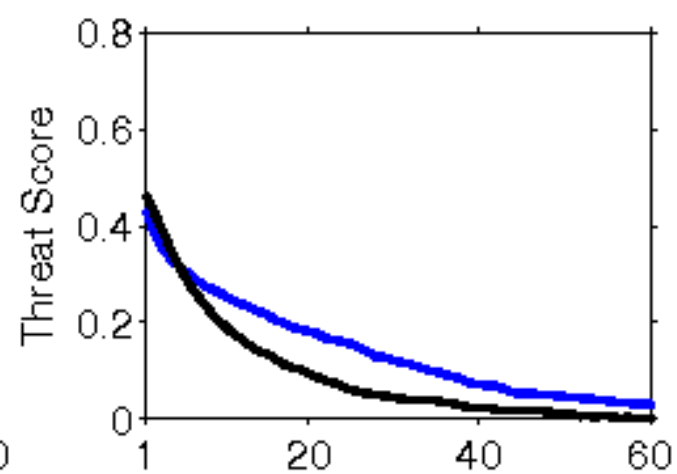
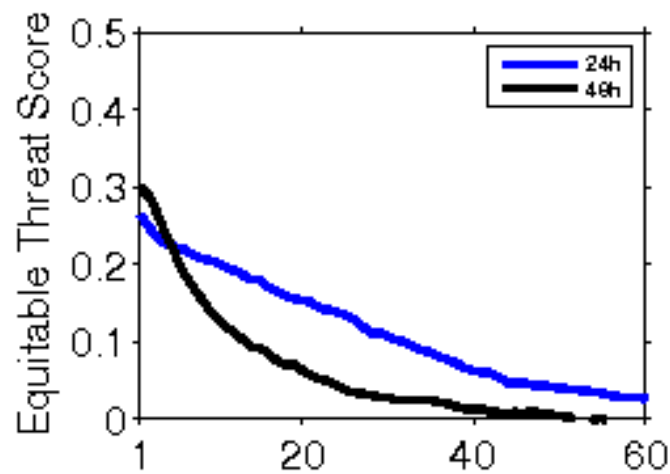
03Z 23042020-03Z 24042020

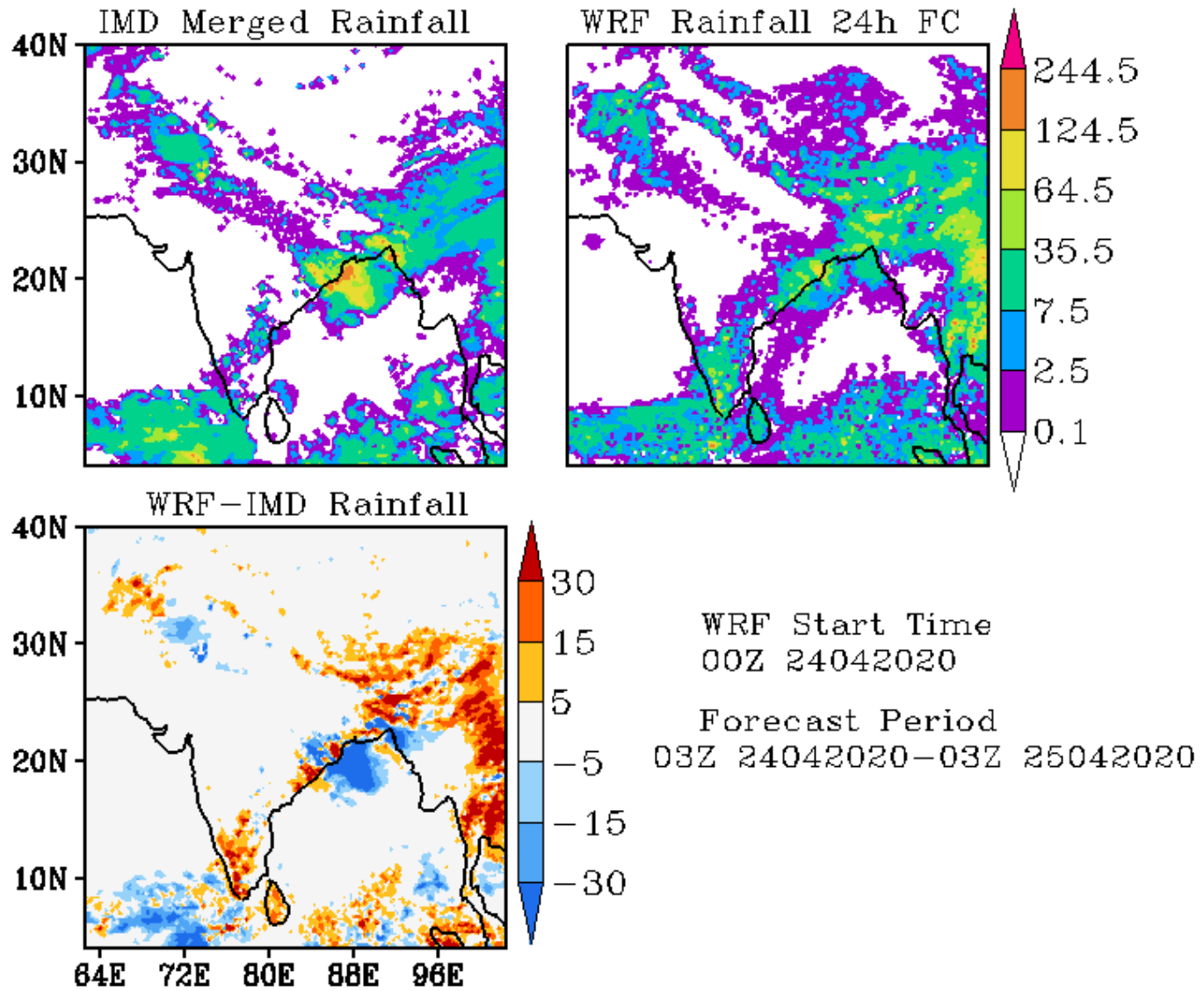


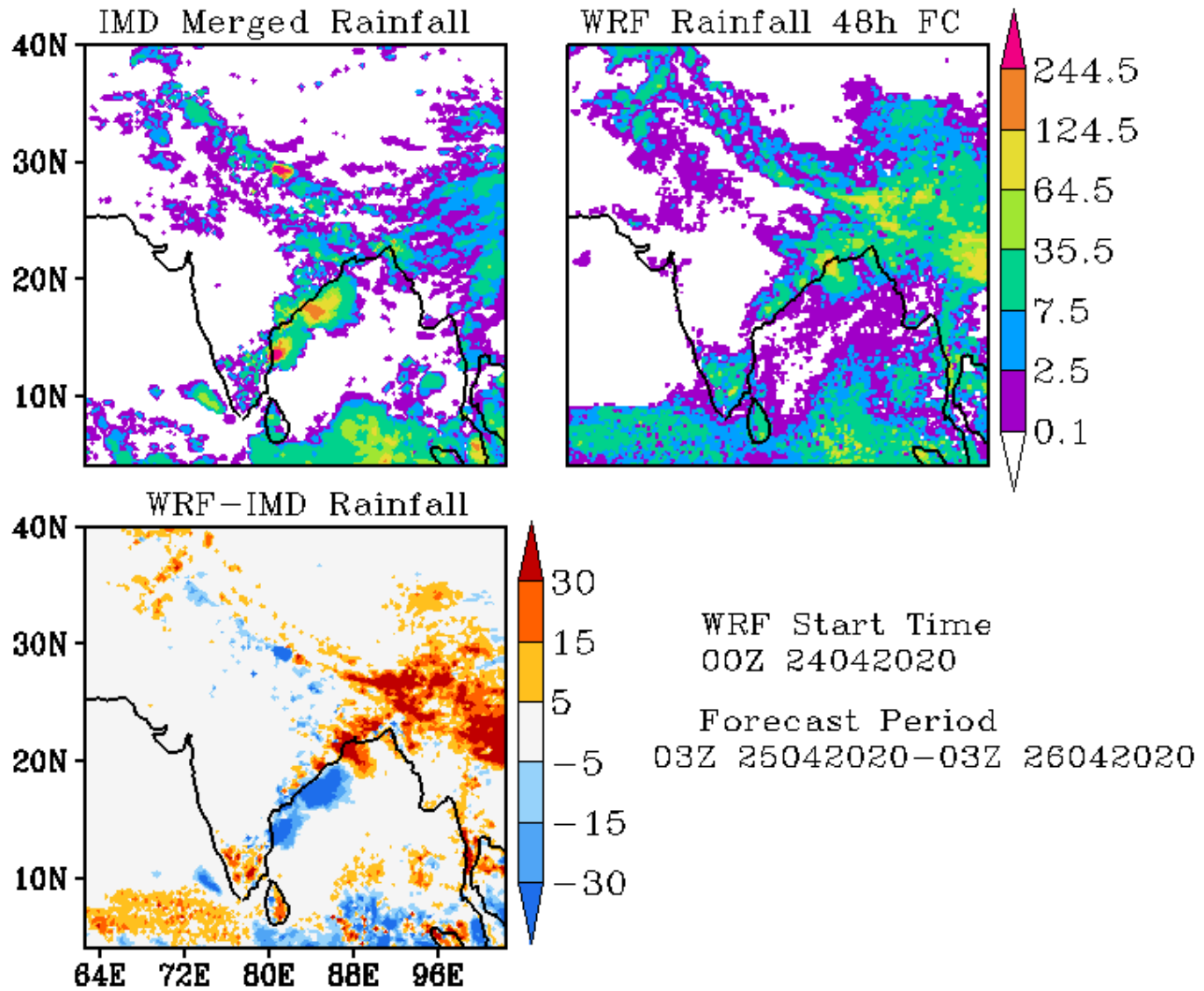


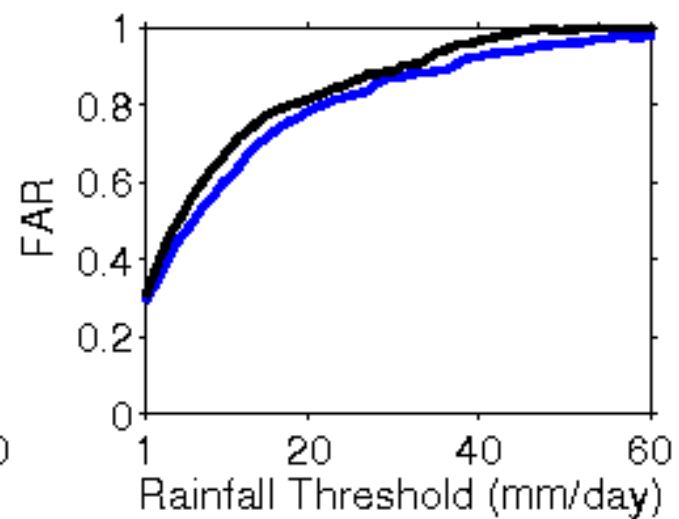
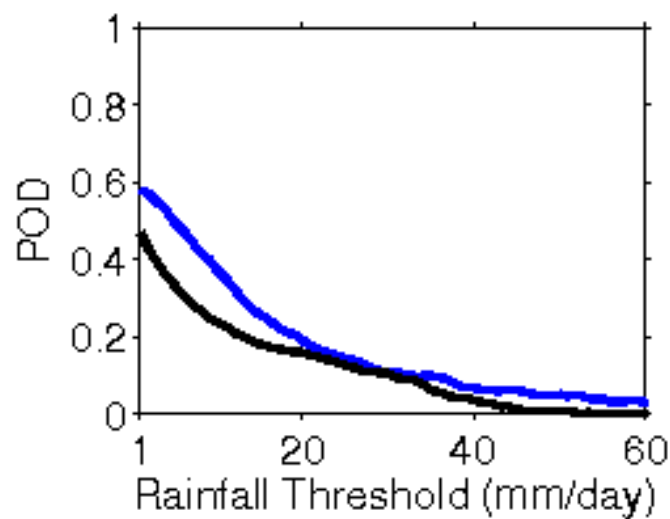
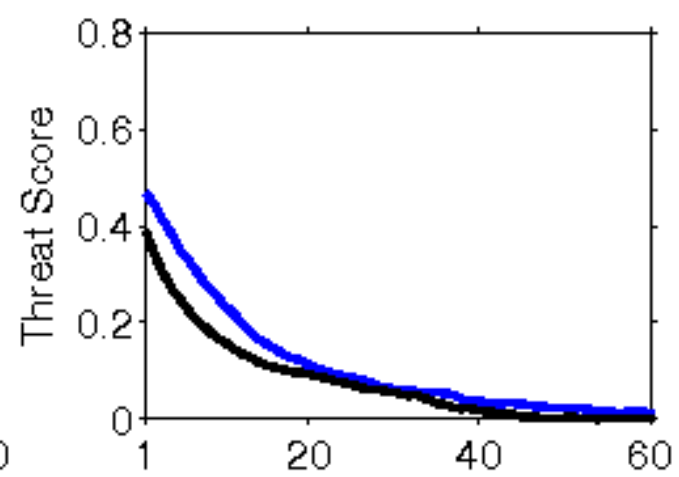
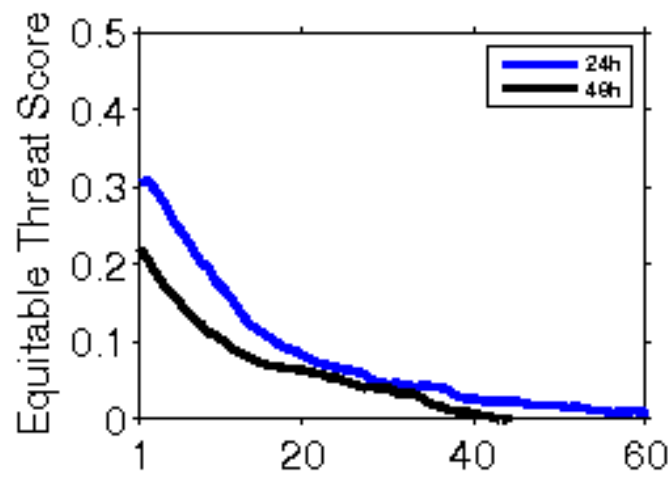


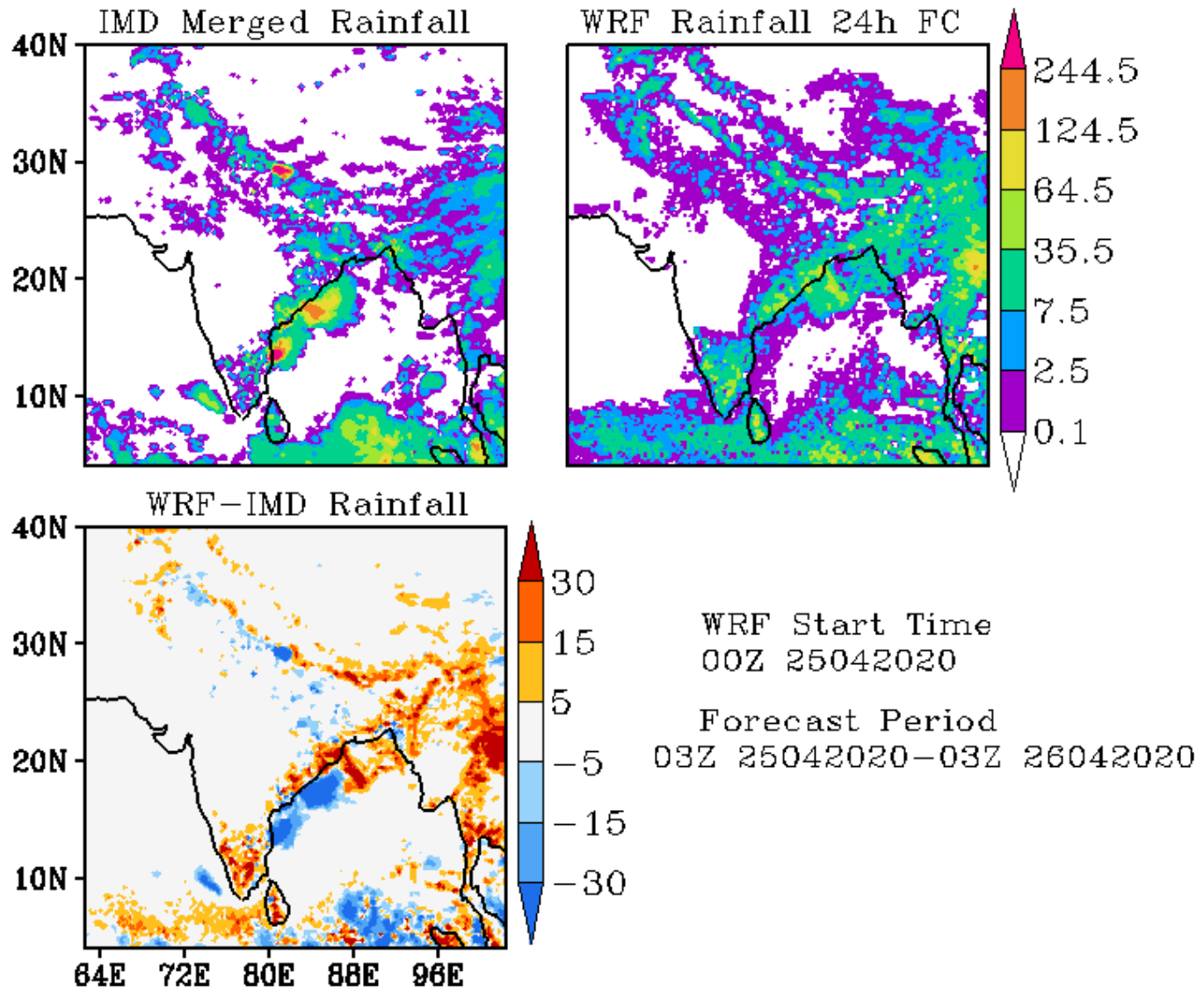


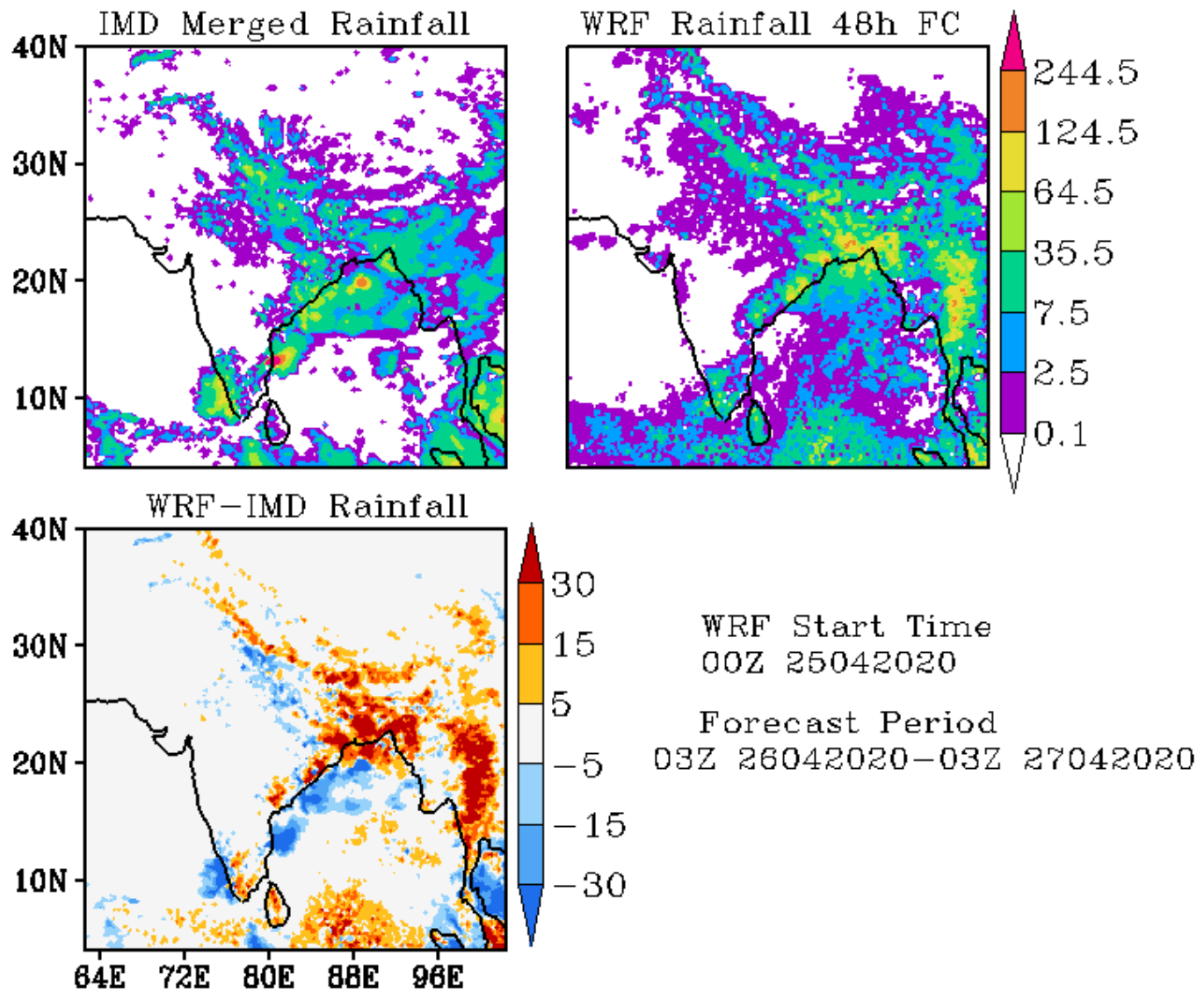


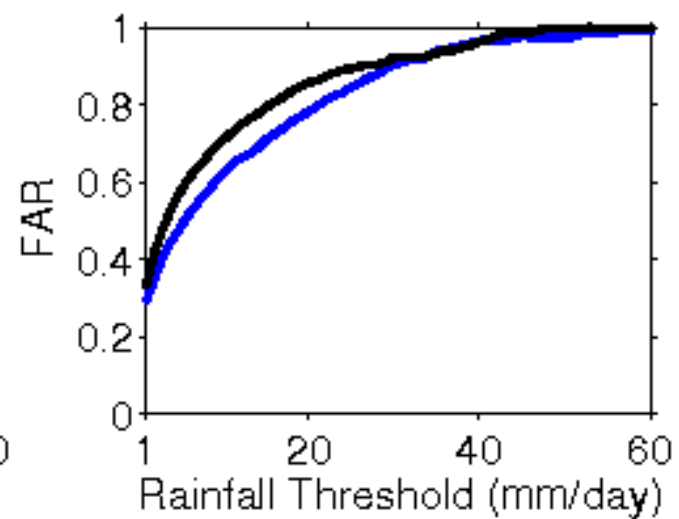
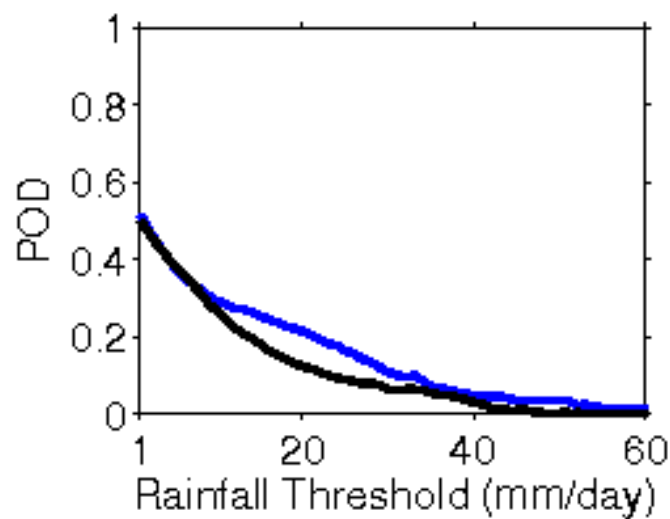
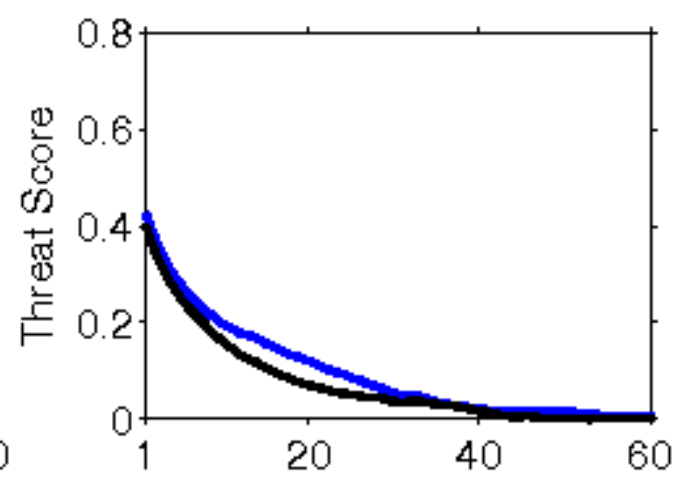
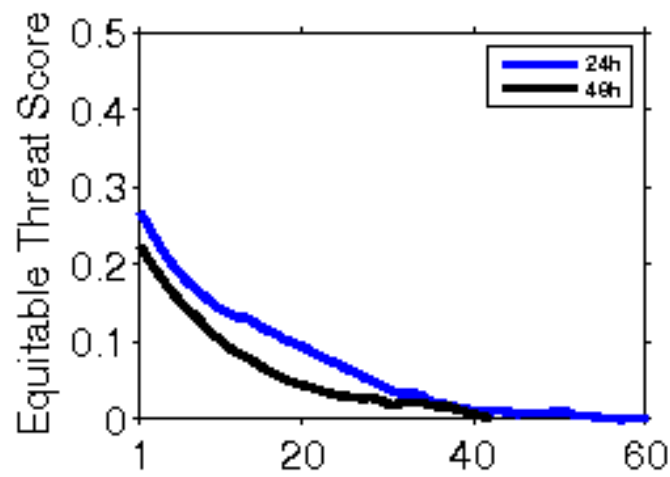








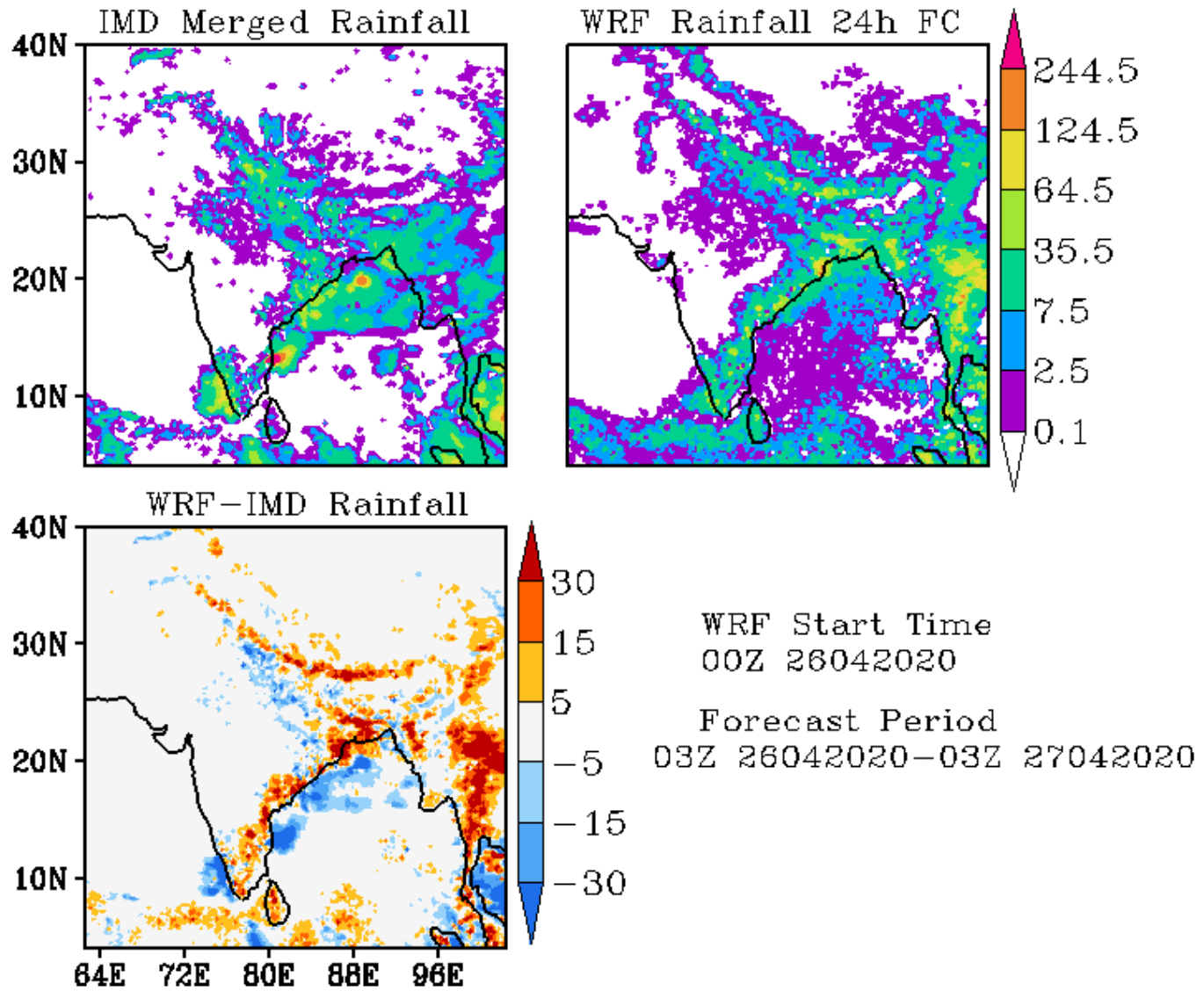


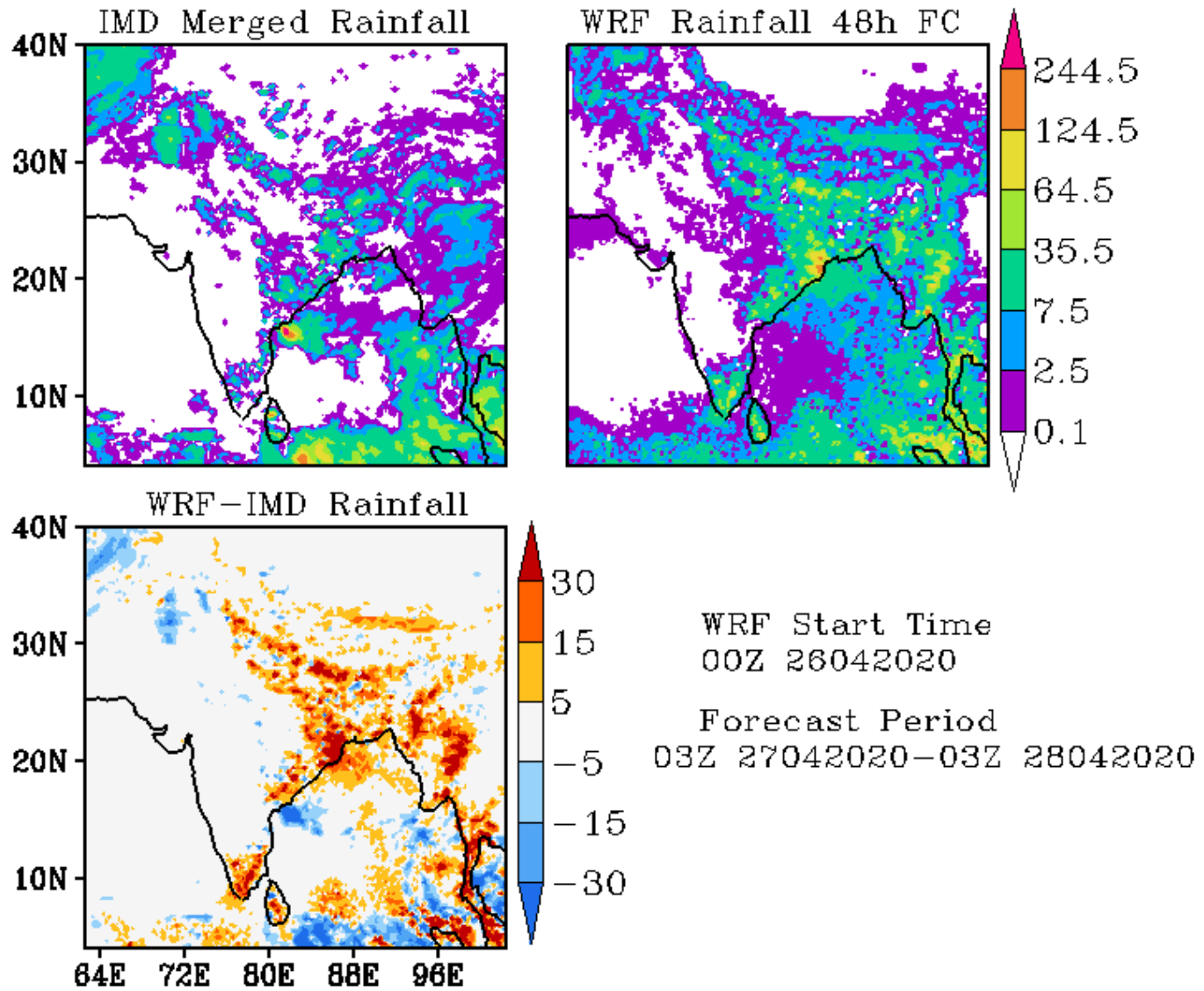


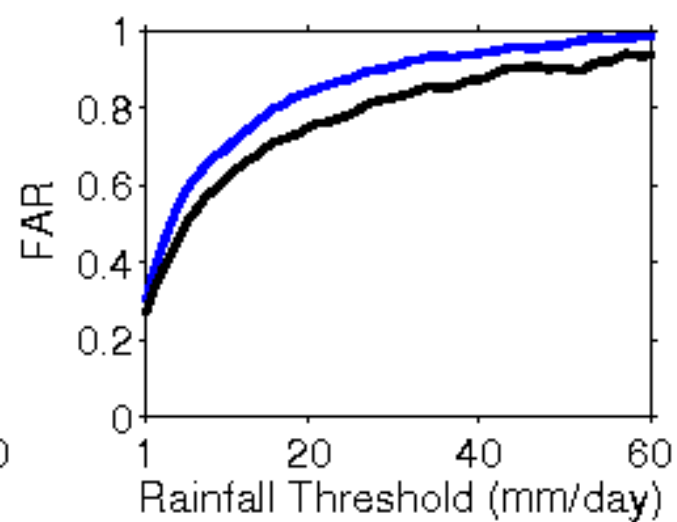
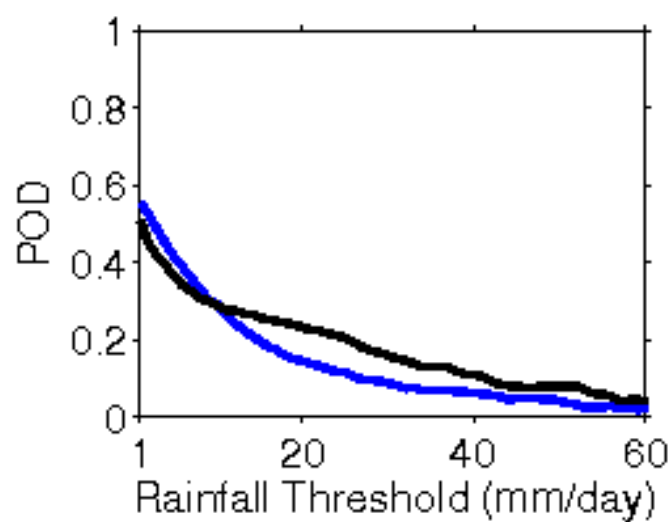
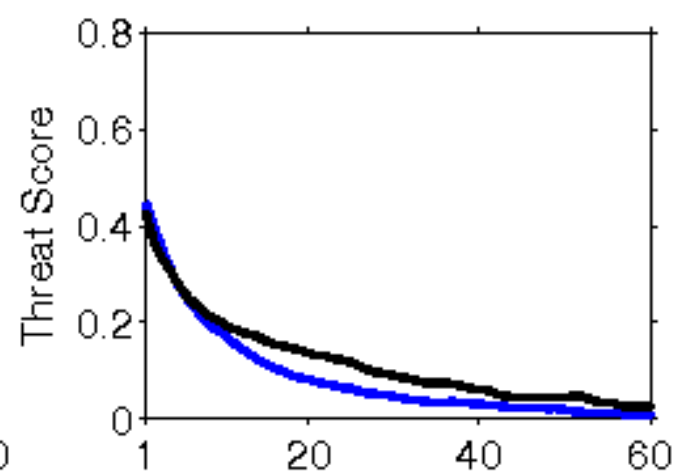
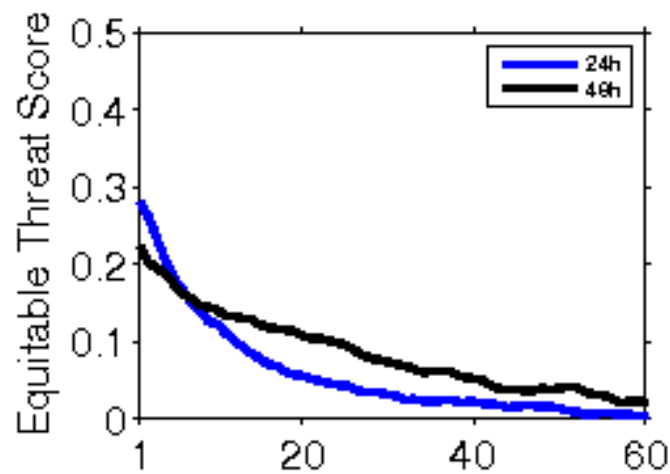


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 26-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.85(-0.22)	15.35(6.19)	2.13(1.15)
<b>48 Hour</b>	2.38(0.16)	17.89(6.52)	2.37(1.48)
<b>72 Hour</b>	2.91(0.44)	18.60(5.95)	2.17(1.58)

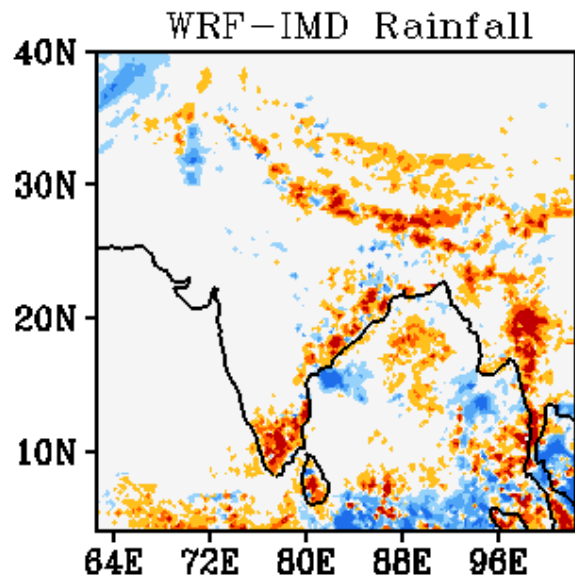
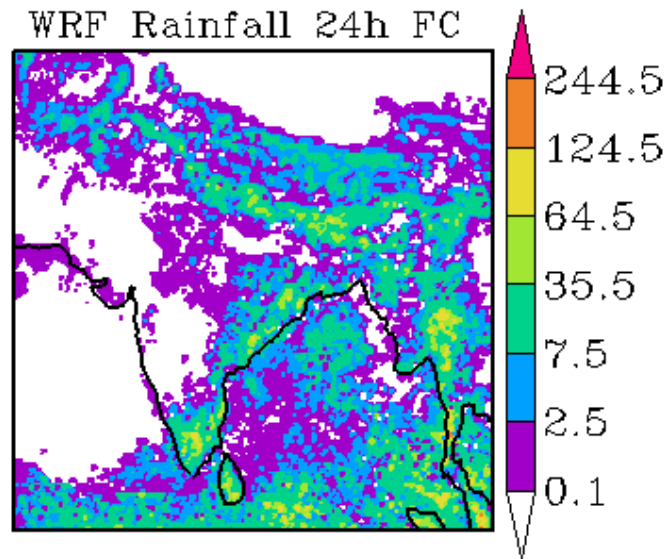
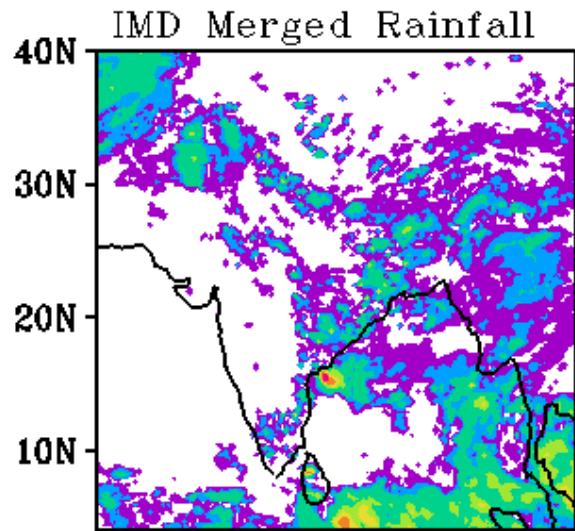






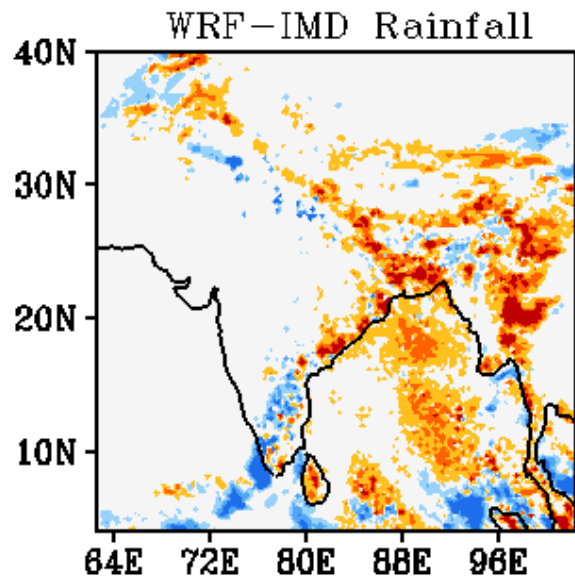
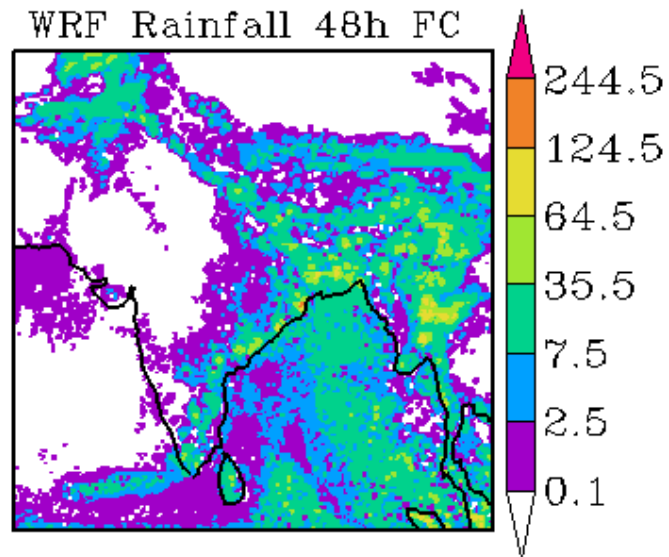
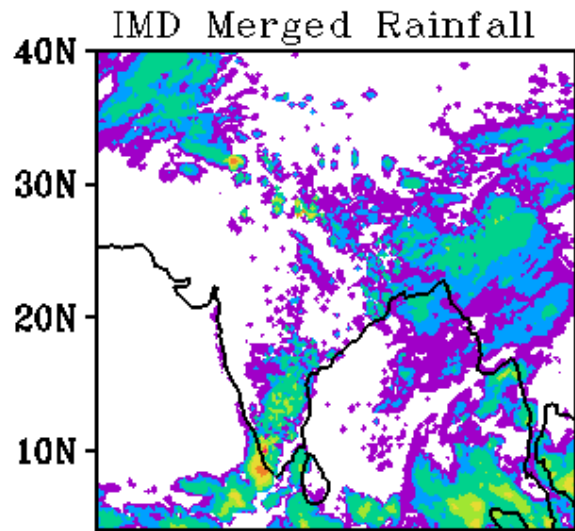
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 27-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.83(-0.32)	14.61(5.88)	2.23(1.11)
<b>48 Hour</b>	2.34(0.07)	16.67(6.24)	2.39(1.16)
<b>72 Hour</b>	2.58(0.38)	16.69(5.87)	2.34(1.38)



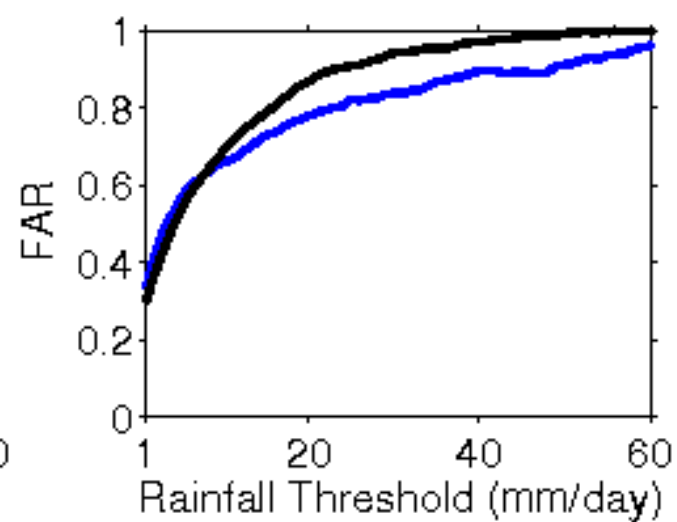
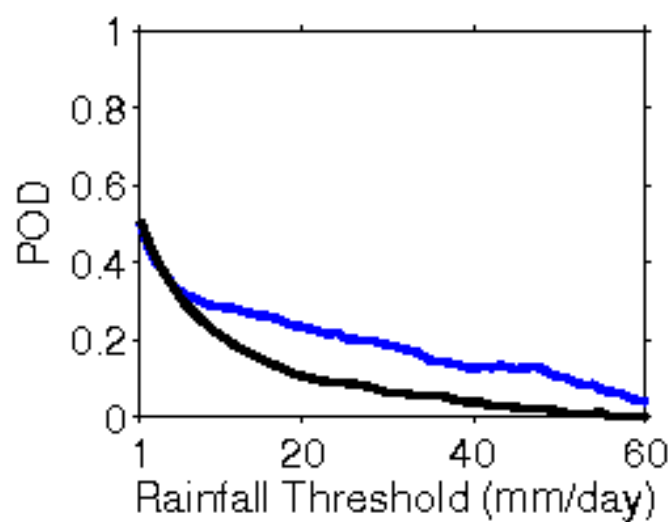
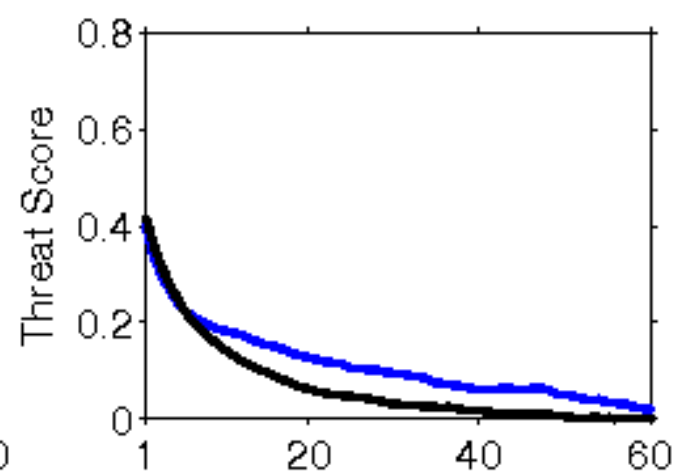
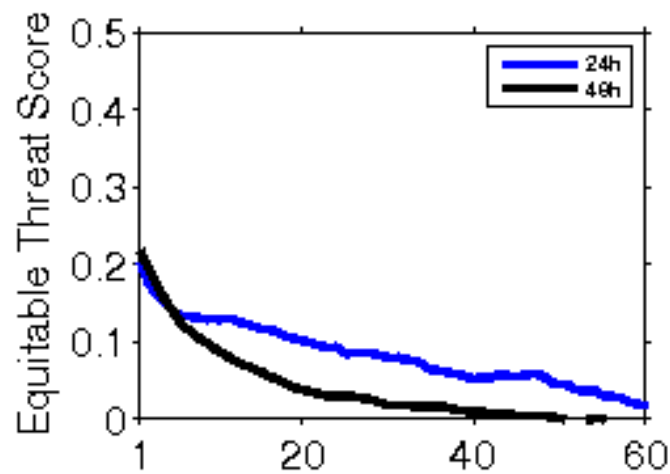
WRF Start Time  
00Z 27042020

Forecast Period  
03Z 27042020-03Z 28042020



WRF Start Time  
00Z 27042020

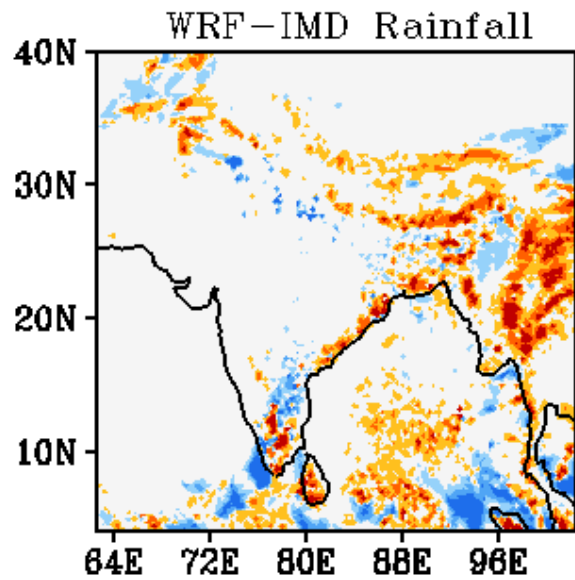
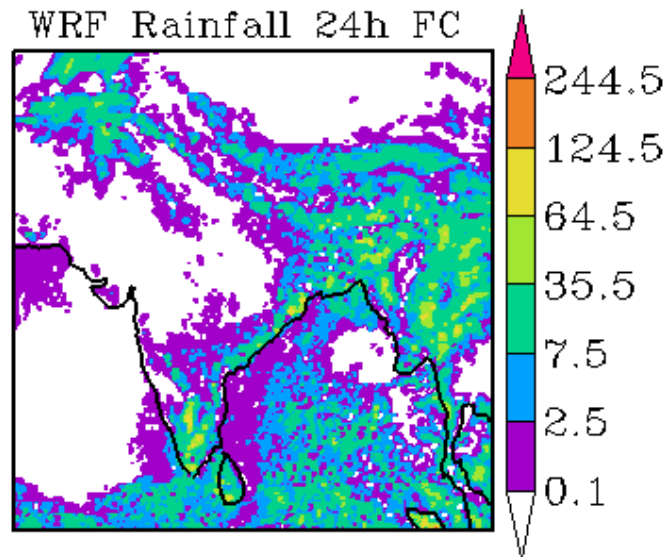
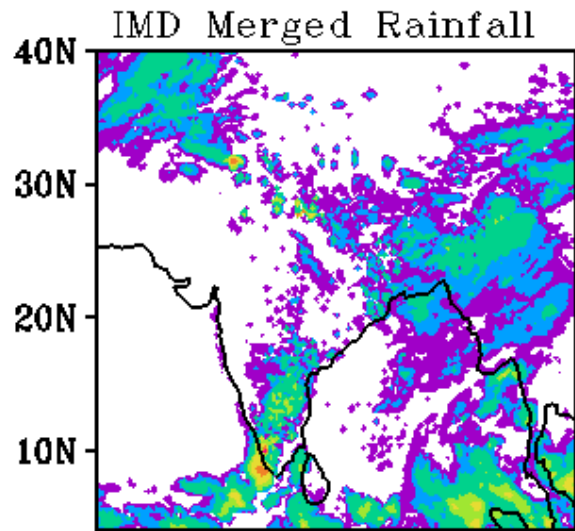
Forecast Period  
03Z 28042020-03Z 29042020





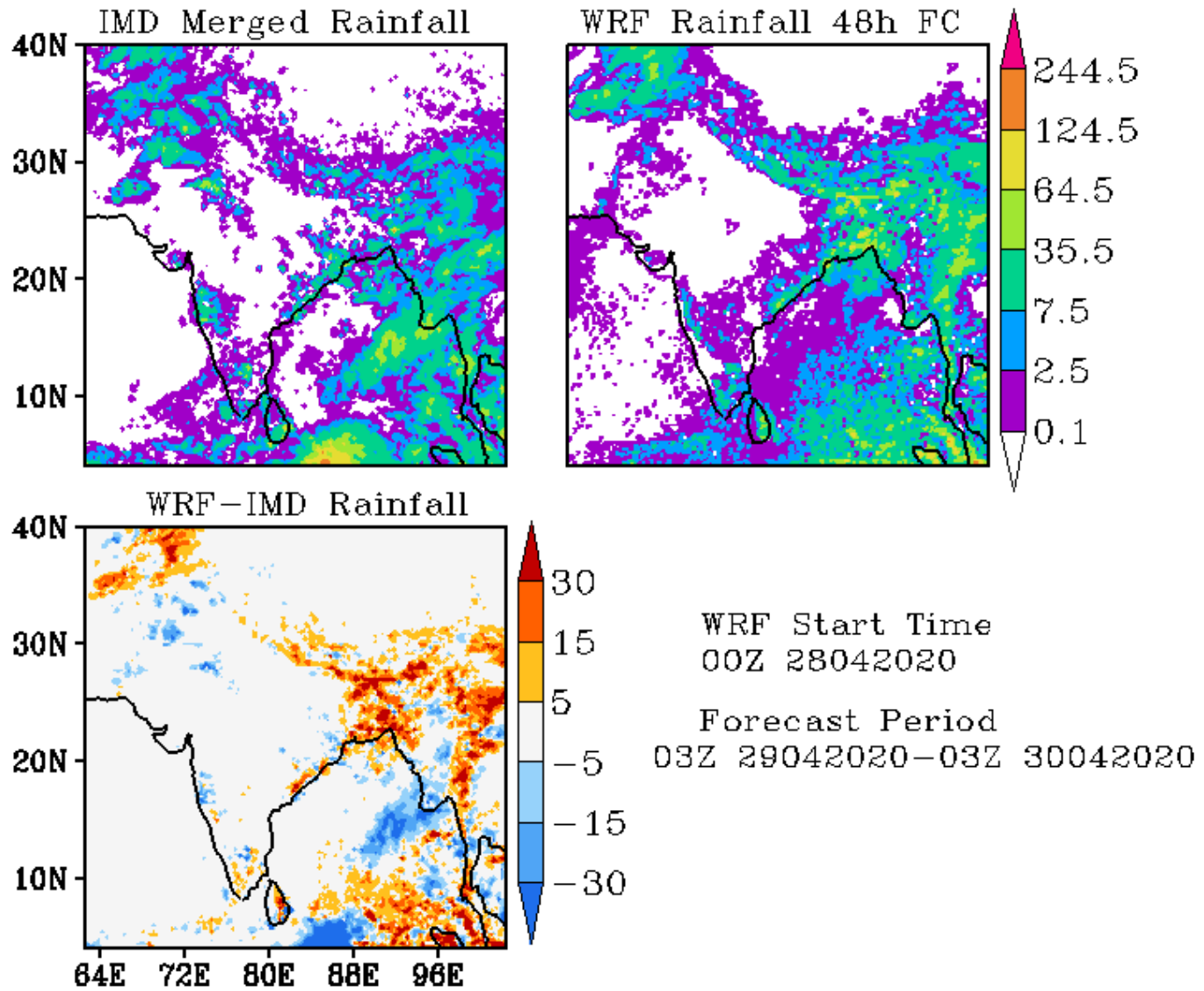
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 28-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

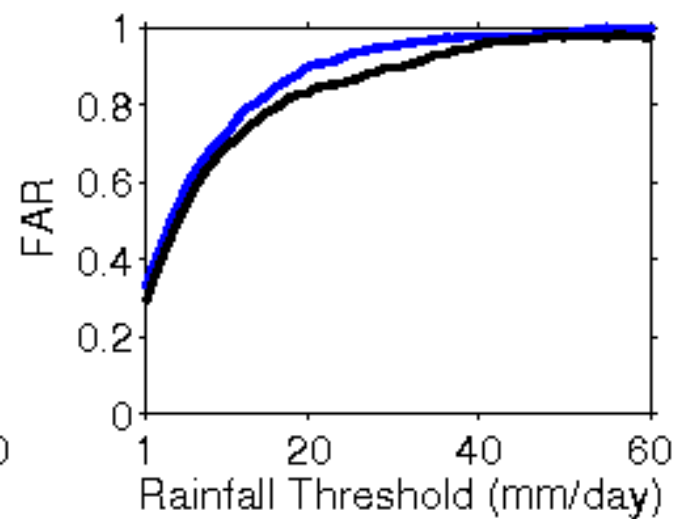
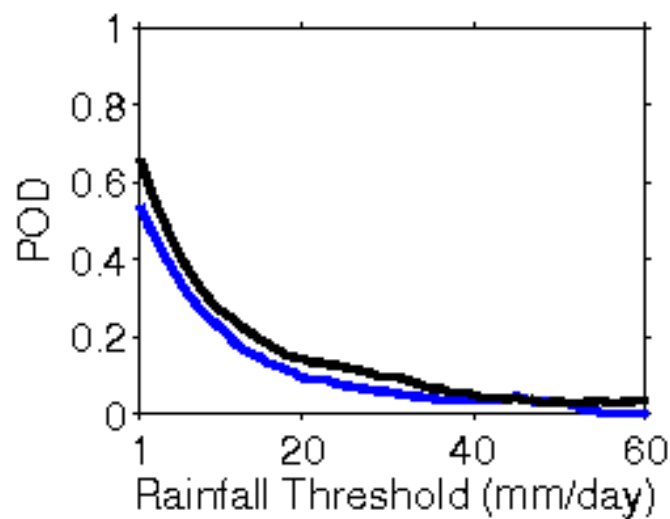
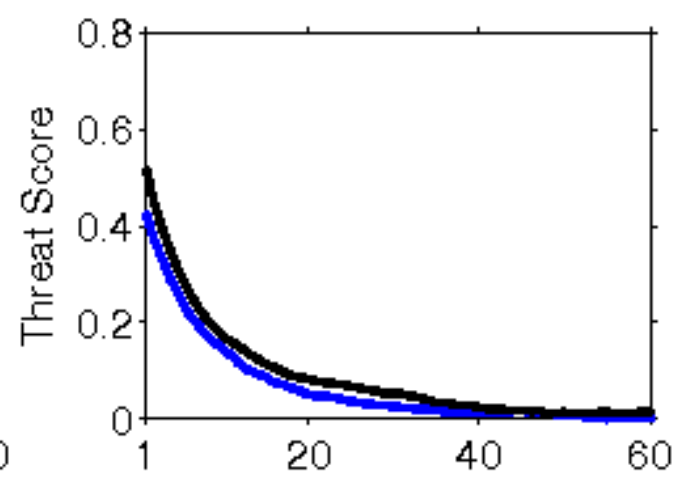
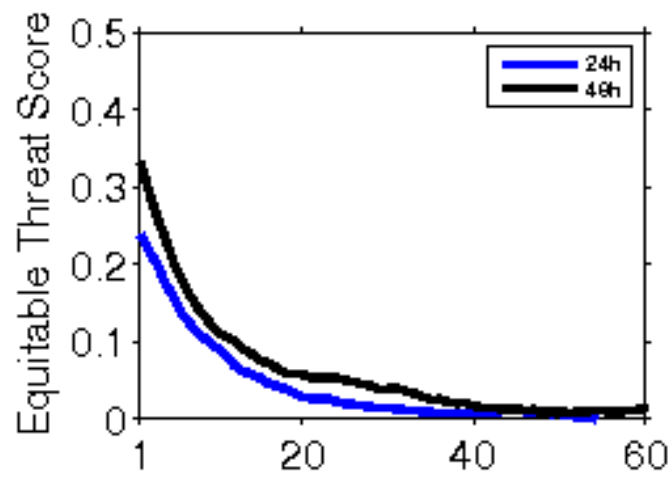
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.78(-0.27)	13.59(5.12)	2.26(0.94)
<b>48 Hour</b>	1.95(-0.05)	14.51(6.53)	2.43(0.94)
<b>72 Hour</b>	2.78(0.20)	17.32(7.53)	2.77(0.97)



WRF Start Time  
00Z 28042020

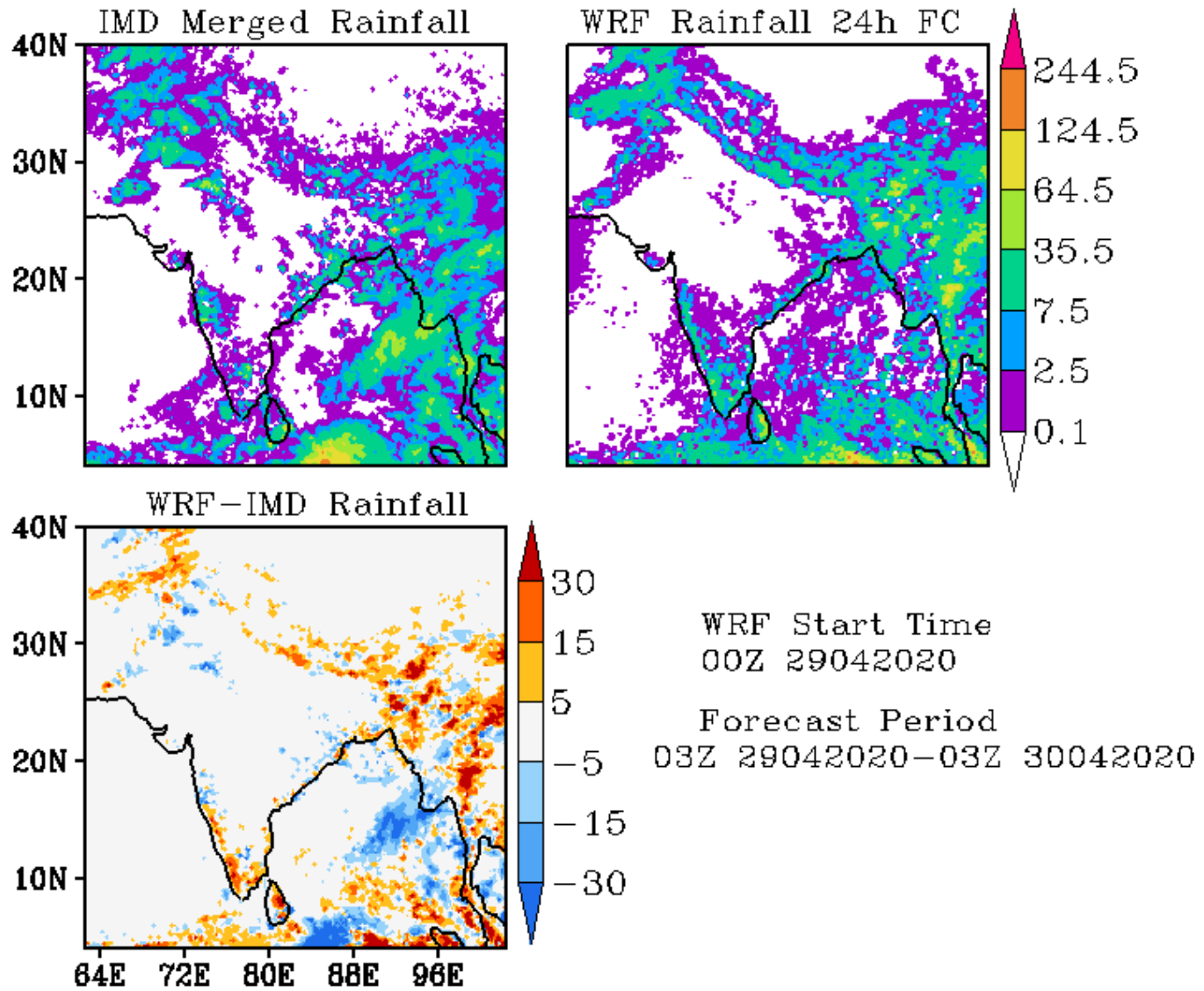
Forecast Period  
03Z 28042020-03Z 29042020

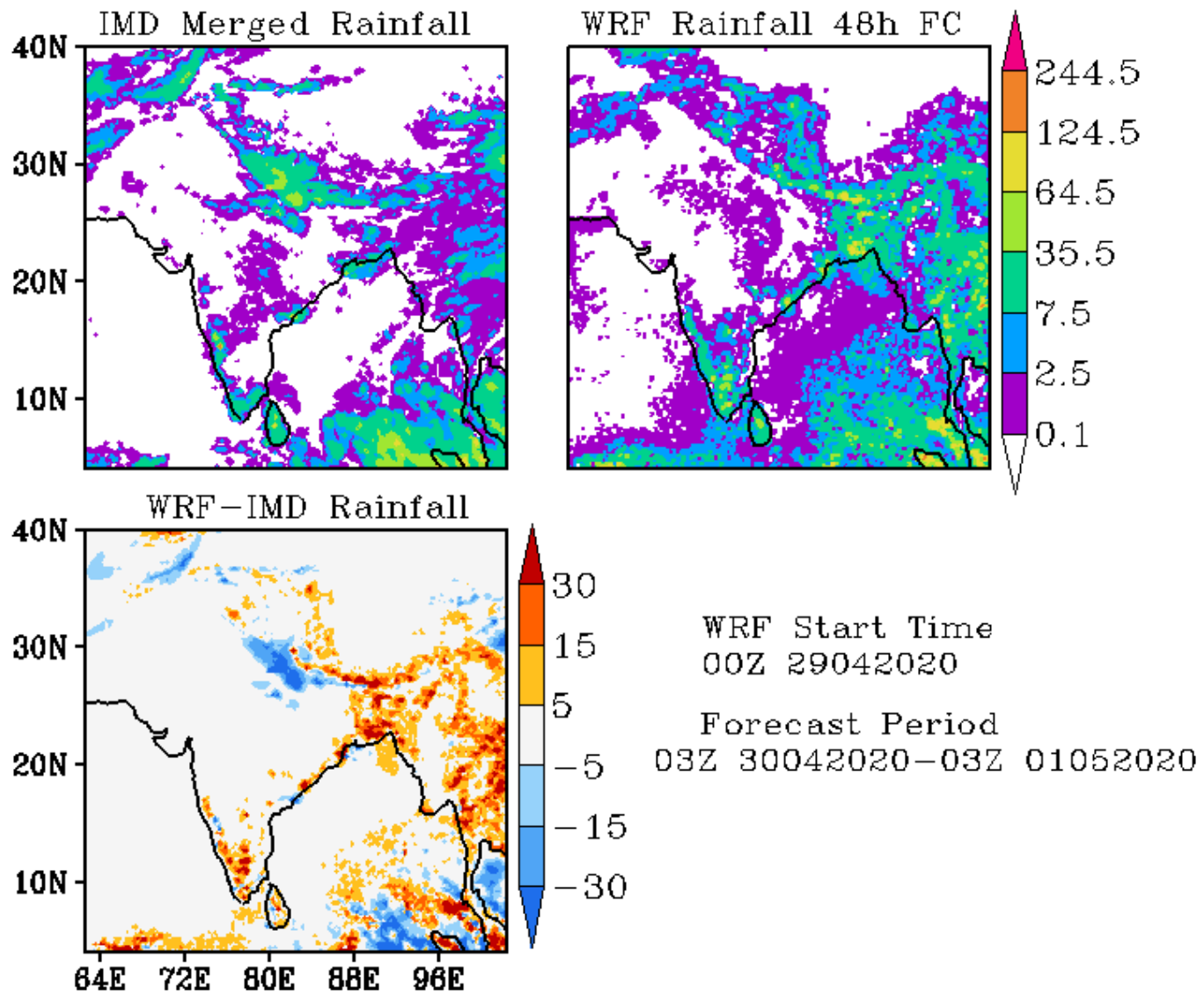


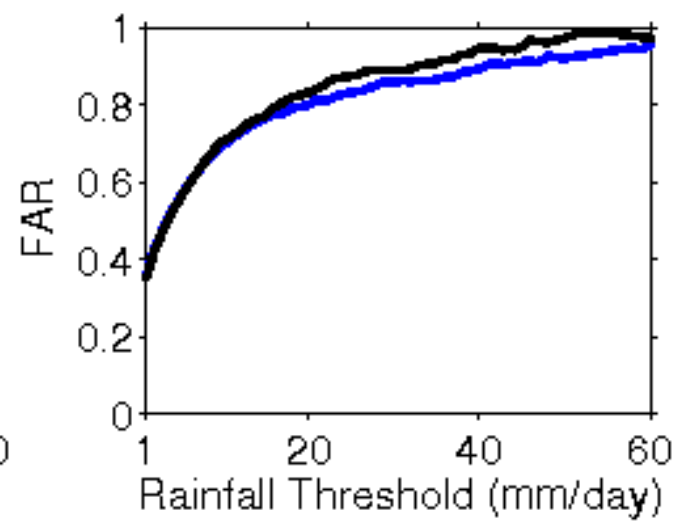
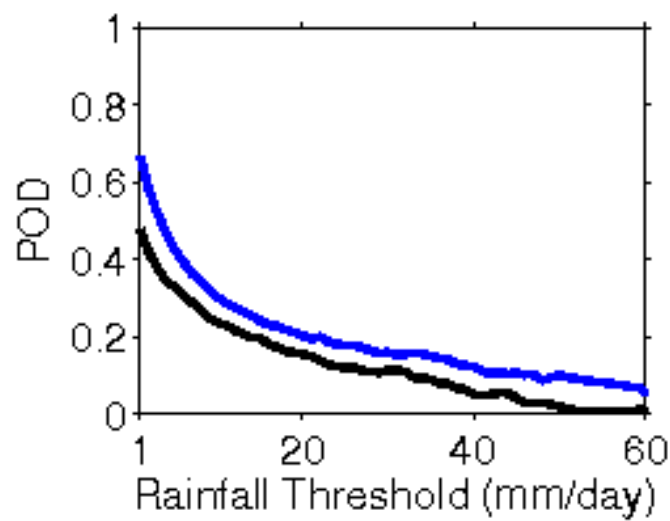
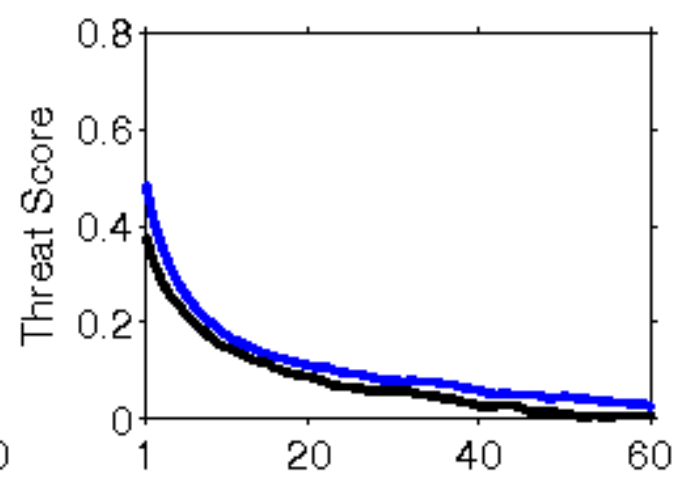
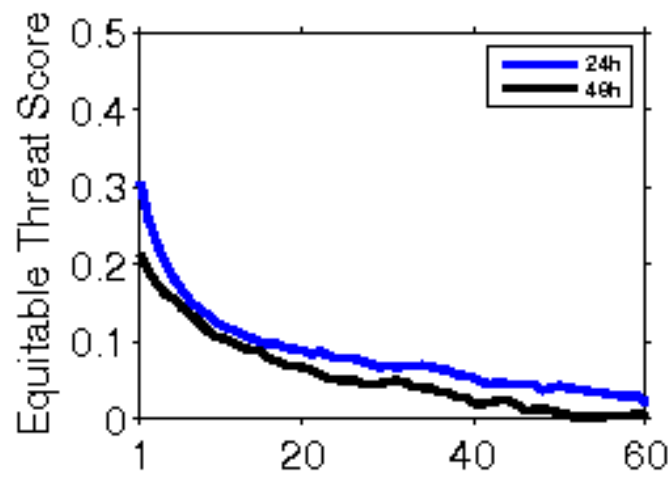


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 29-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.73(-0.40)	13.47(5.69)	2.28(1.28)
<b>48 Hour</b>	2.16(-0.18)	15.99(6.42)	2.74(1.16)
<b>72 Hour</b>	2.58(0.06)	18.88(7.23)	3.00(1.27)



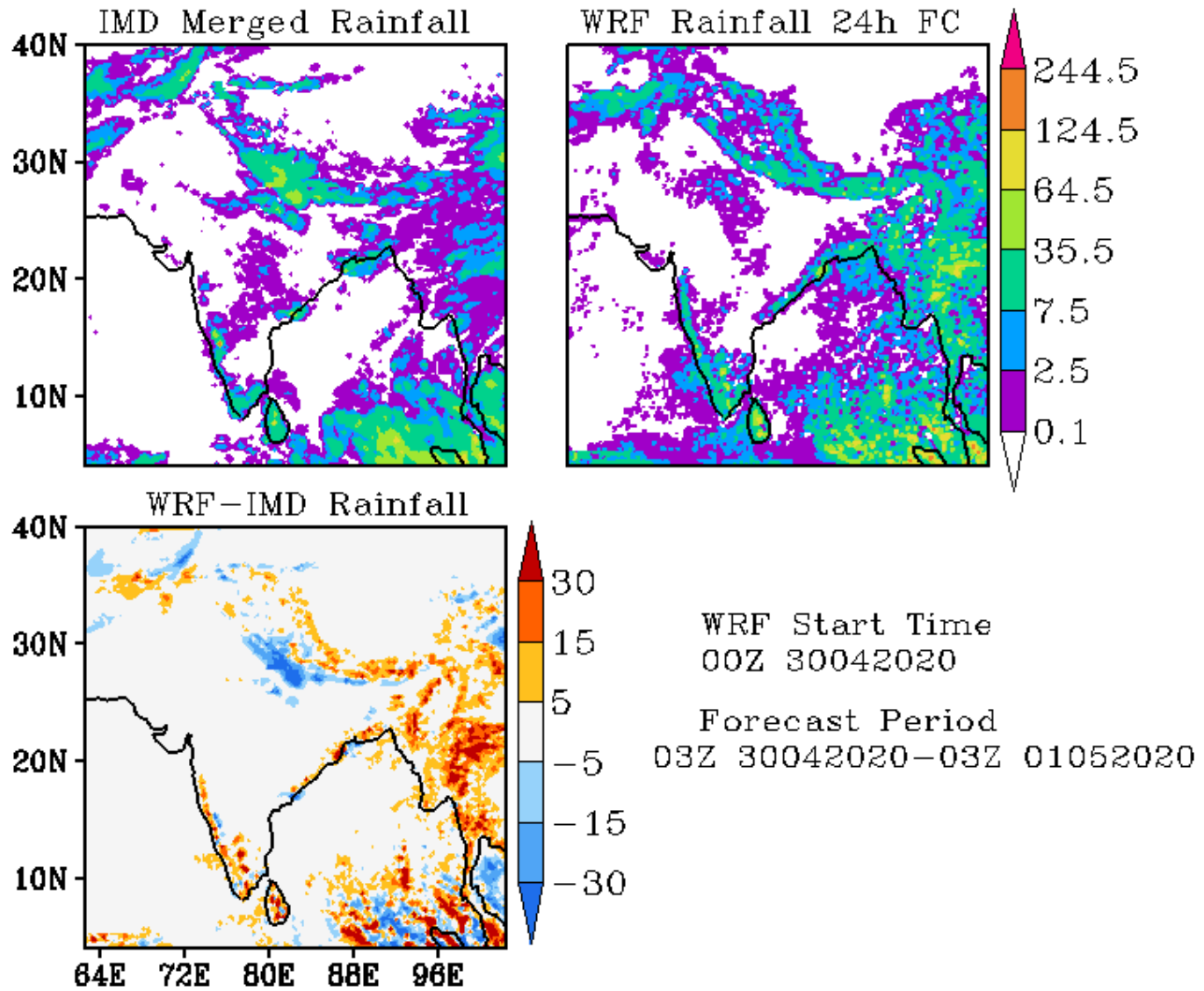


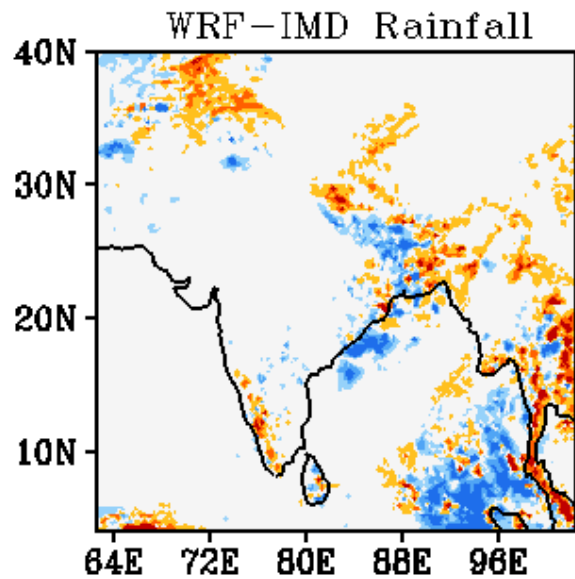
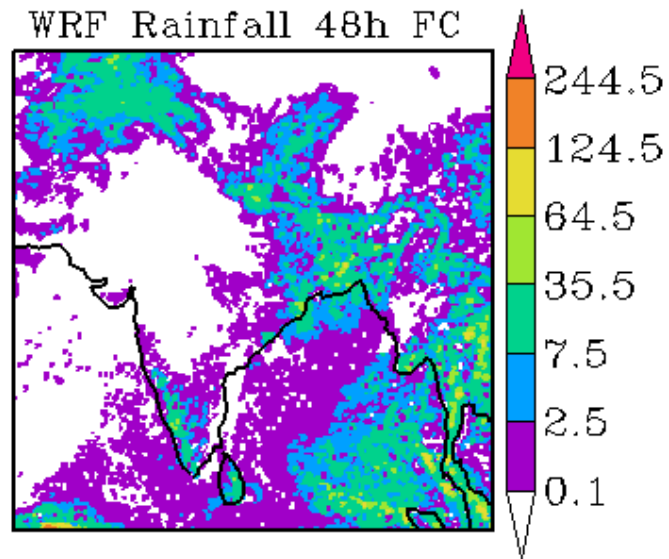
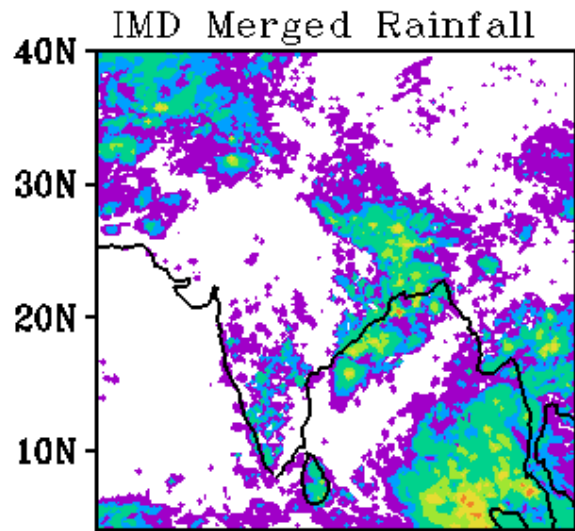




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 30-04-20  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.76(-0.37)	14.27(6.56)	2.17(1.18)
<b>48 Hour</b>	2.39(0.03)	18.16(7.28)	2.80(1.48)
<b>72 Hour</b>	2.67(0.20)	20.34(7.79)	3.14(1.63)





WRF Start Time  
00Z 30042020

Forecast Period  
03Z 01052020-03Z 02052020

