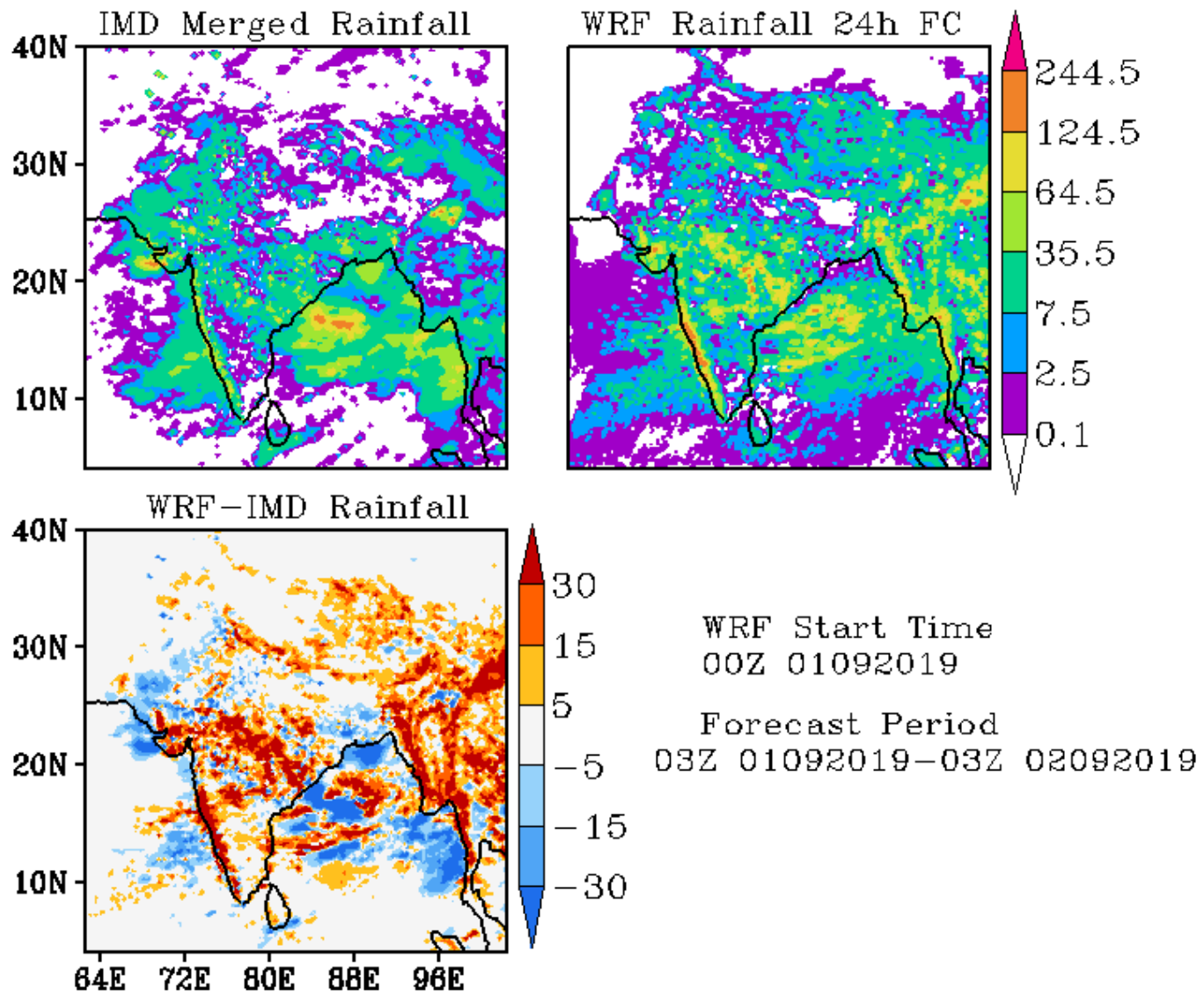
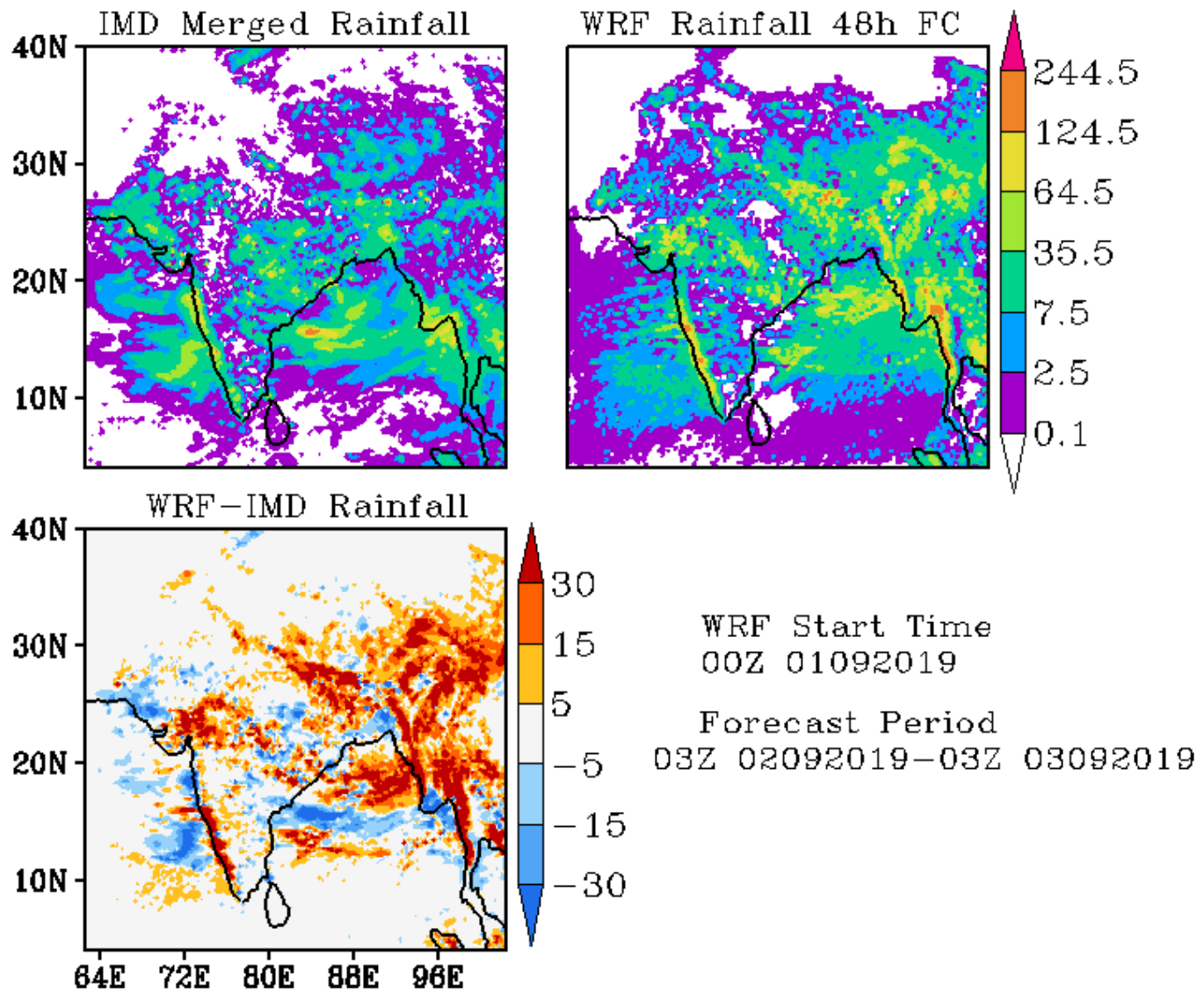
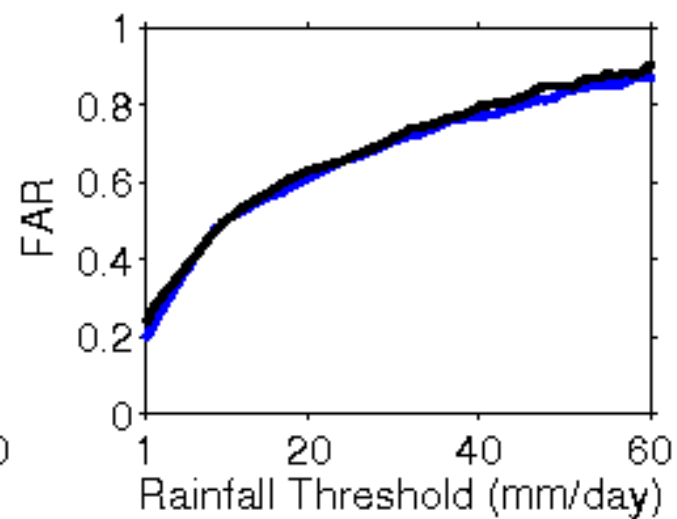
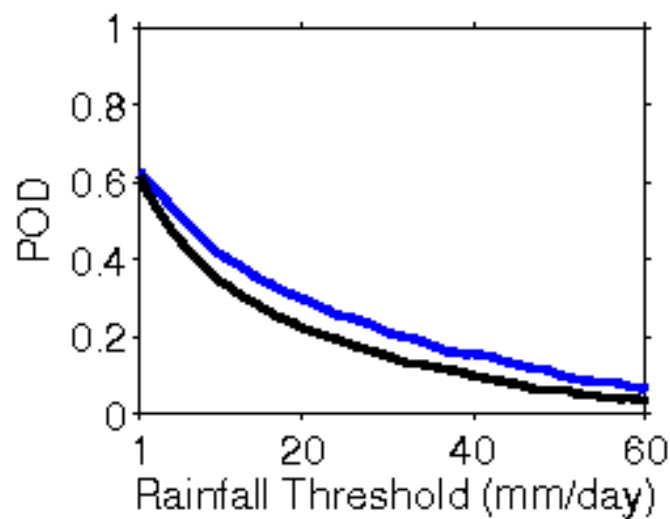
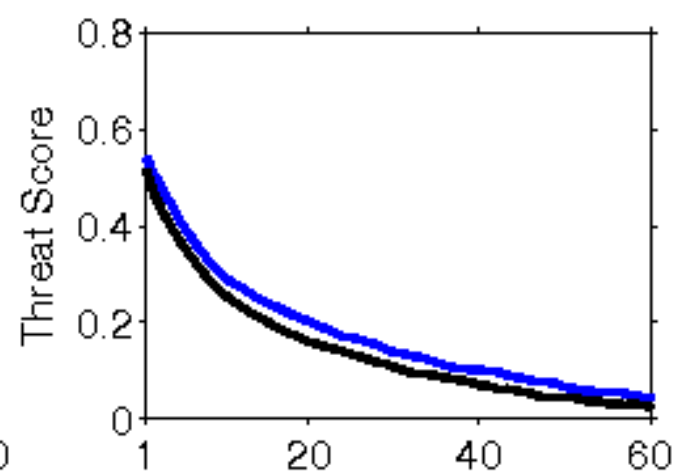
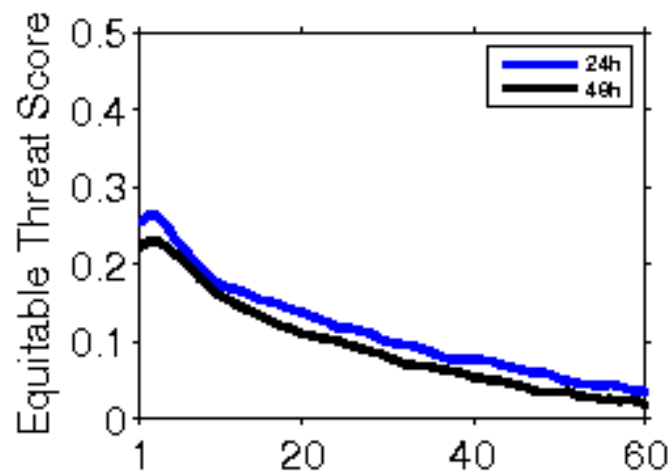


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 01-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.54(-0.18)	10.12(2.04)	2.13(1.27)
<b>48 Hour</b>	1.74(-0.01)	10.97(0.72)	2.88(1.80)
<b>72 Hour</b>	1.74(-0.20)	11.60(0.54)	3.19(2.02)

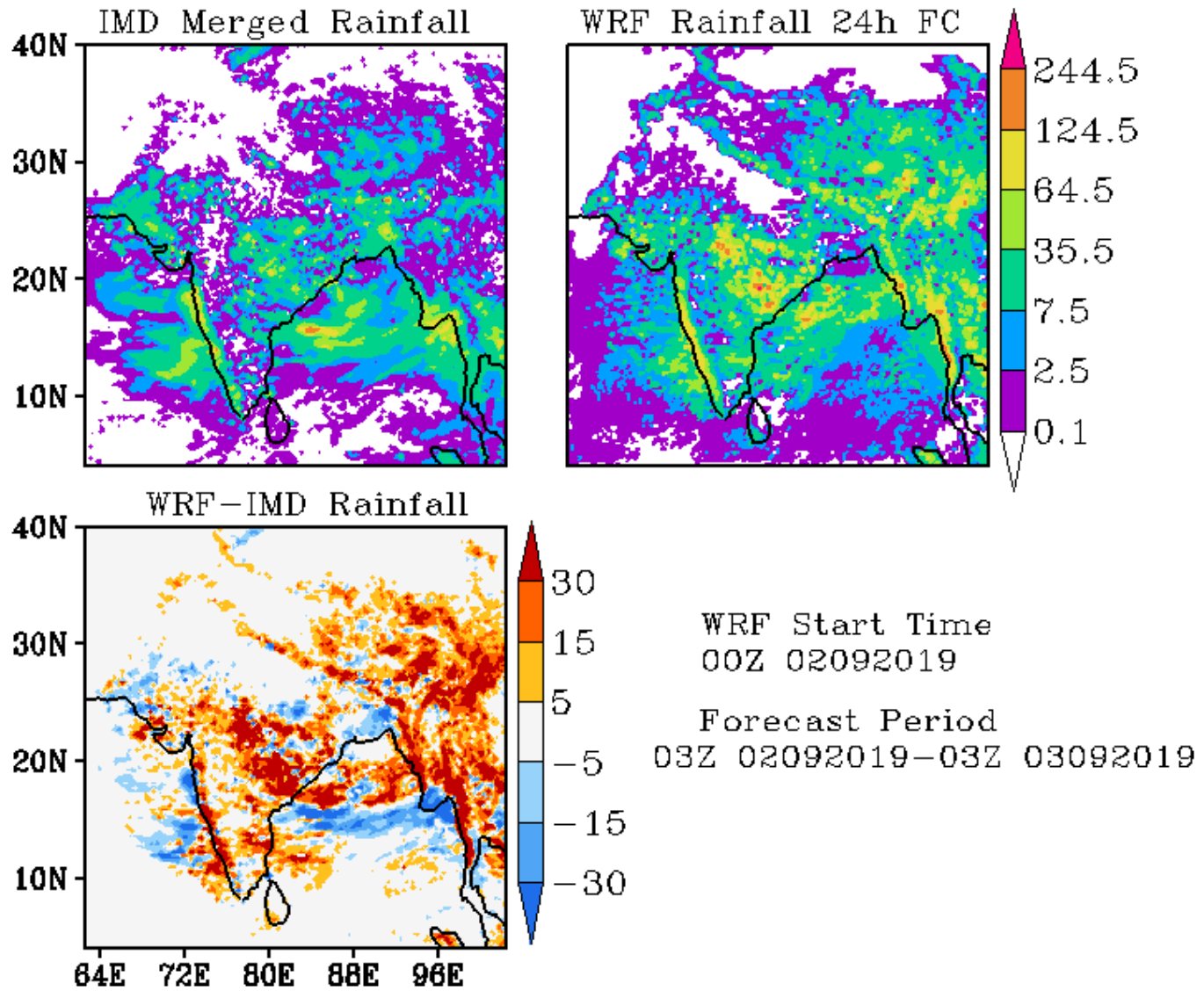




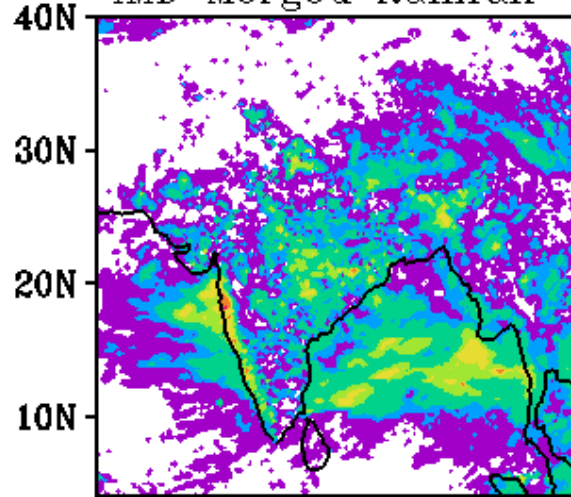


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 02-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

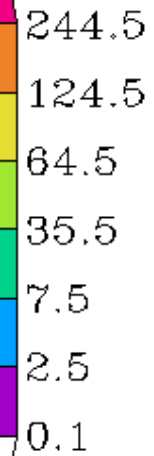
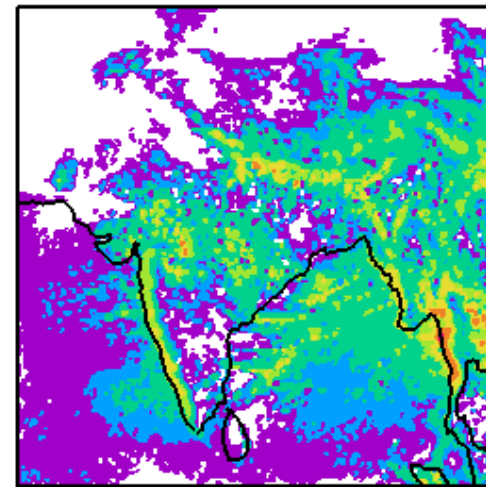
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.50(-0.15)	8.64(2.05)	1.98(1.02)
<b>48 Hour</b>	1.73(0.07)	10.16(0.97)	2.53(1.76)
<b>72 Hour</b>	1.86(-0.10)	12.73(1.48)	3.18(1.99)



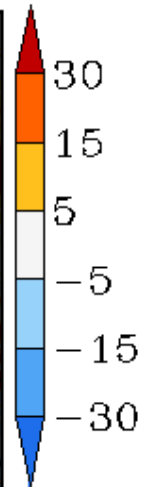
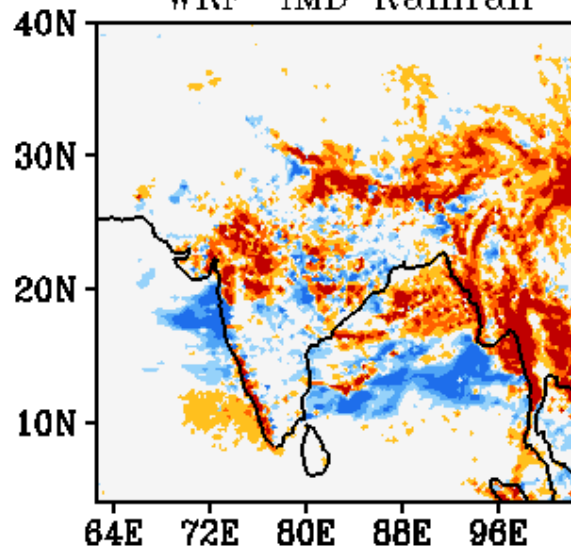
IMD Merged Rainfall



WRF Rainfall 48h FC

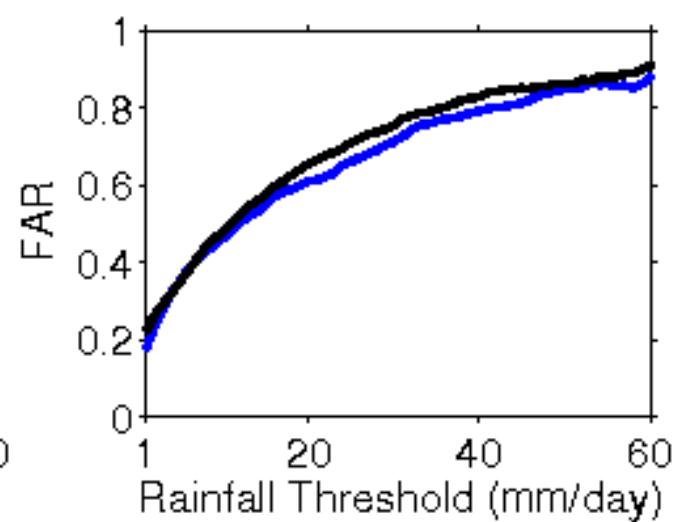
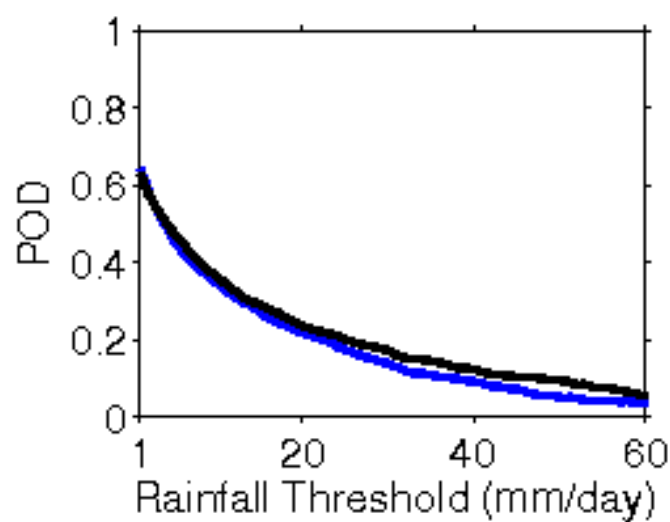
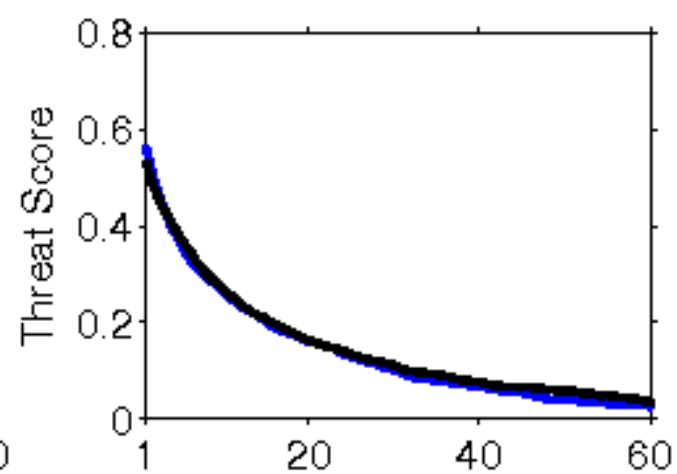
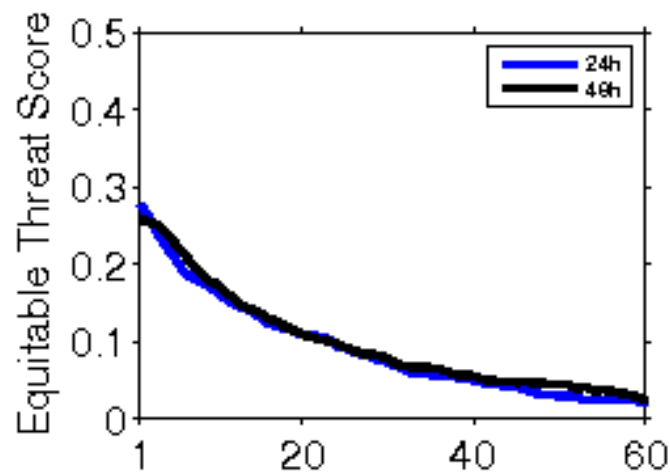


WRF-IMD Rainfall



WRF Start Time  
00Z 02092019

Forecast Period  
03Z 03092019-03Z 04092019

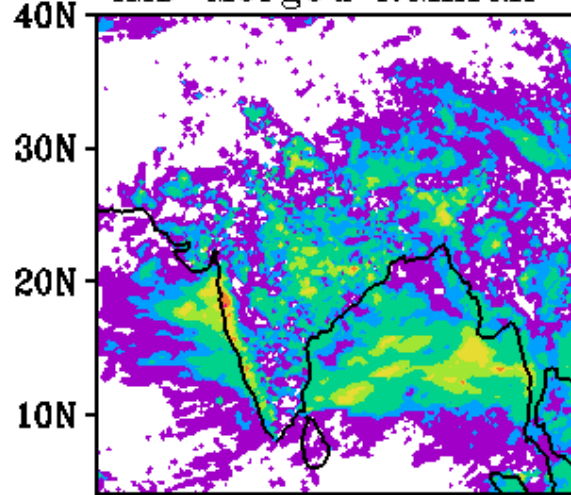




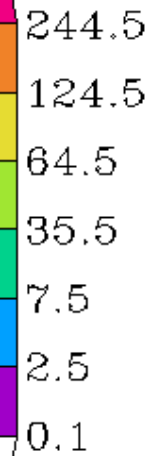
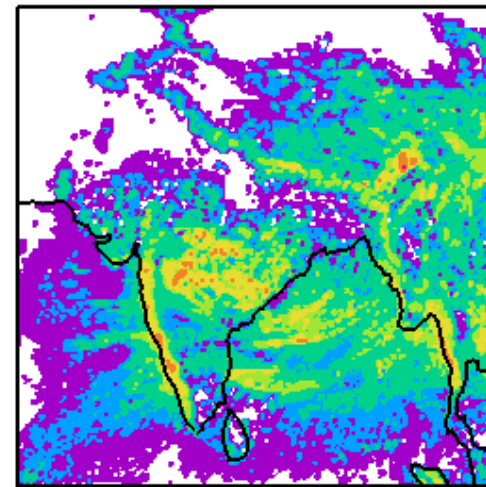
**Error Statistics in Surface Meteorological Parameter**  
**Validation Time 0000 UTC 03-09-19**  
**Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.45(-0.19)	9.07(1.85)	2.07(1.12)
<b>48 Hour</b>	1.65(0.04)	10.56(0.77)	2.50(1.55)
<b>72 Hour</b>	1.86(0.05)	12.26(-0.53)	2.82(1.87)

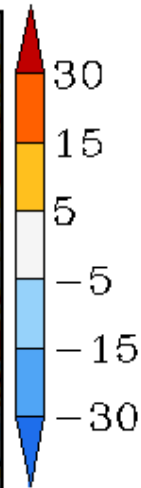
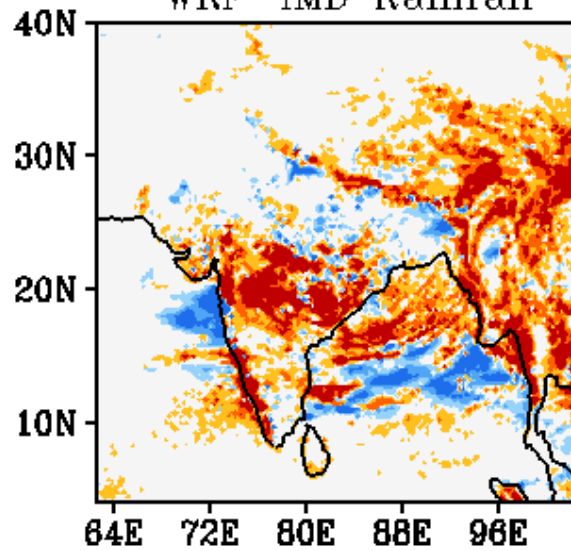
IMD Merged Rainfall



WRF Rainfall 24h FC

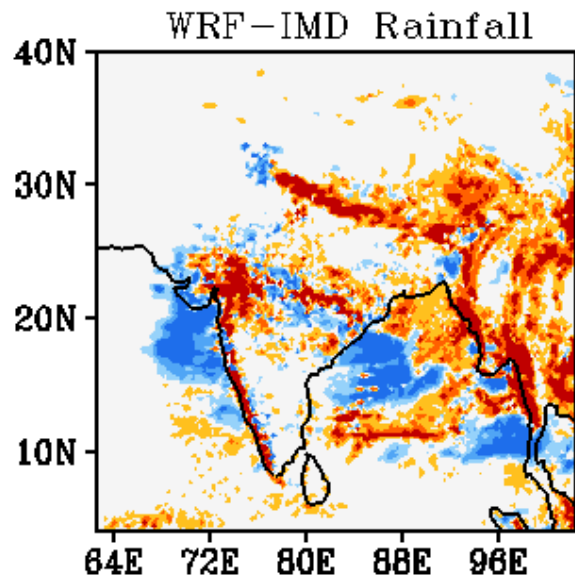
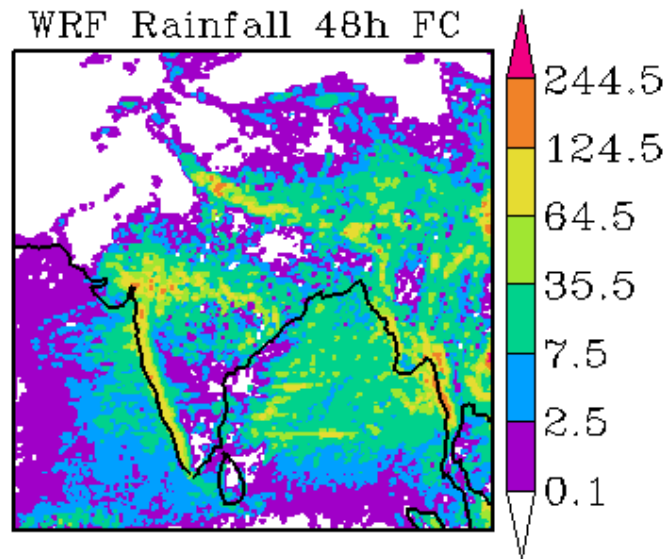
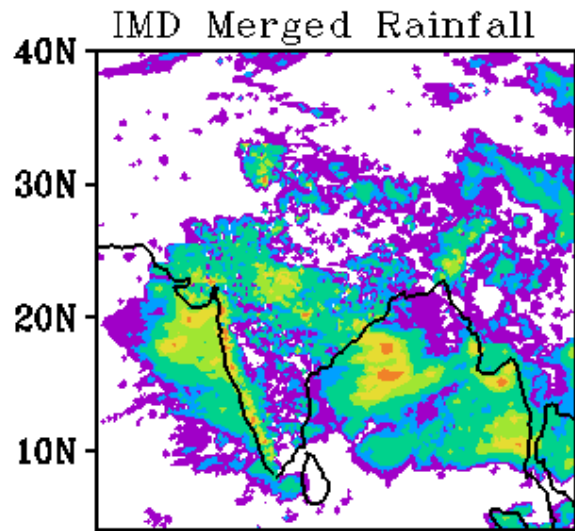


WRF-IMD Rainfall



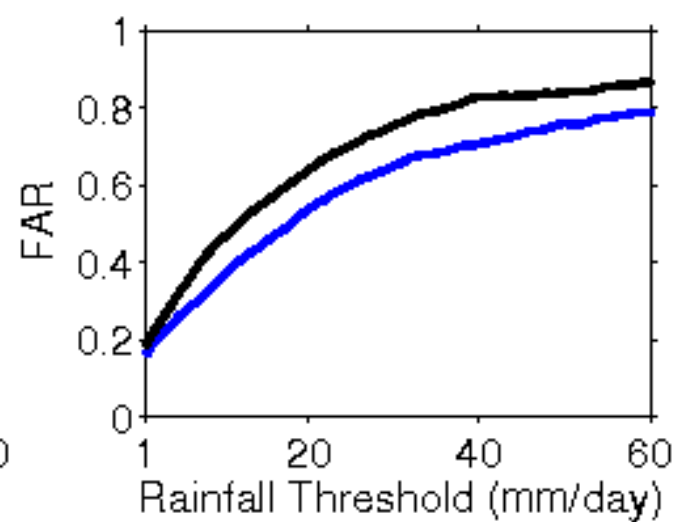
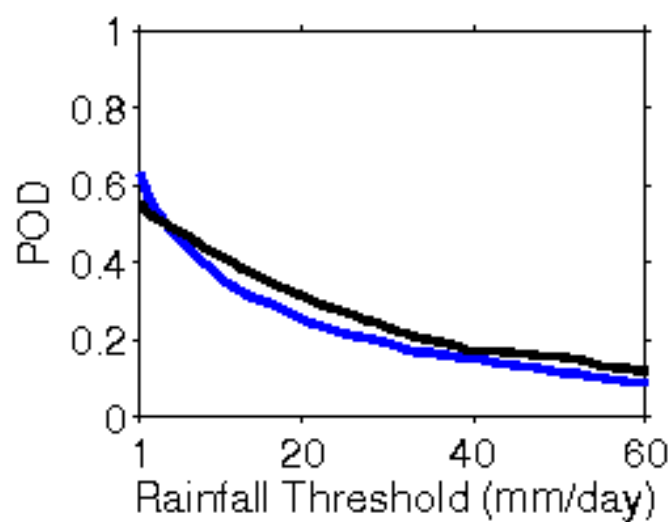
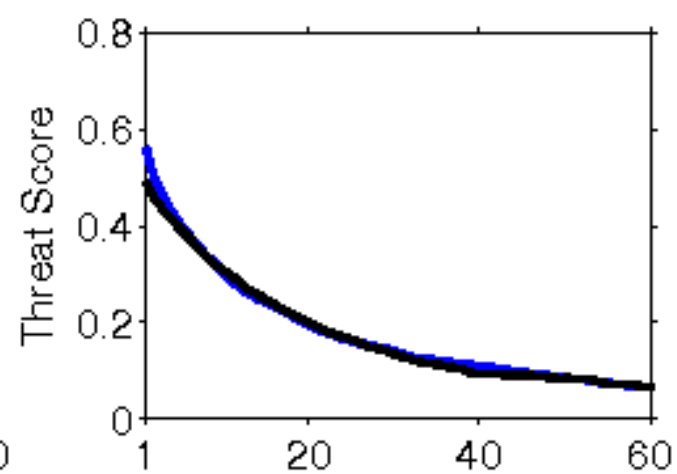
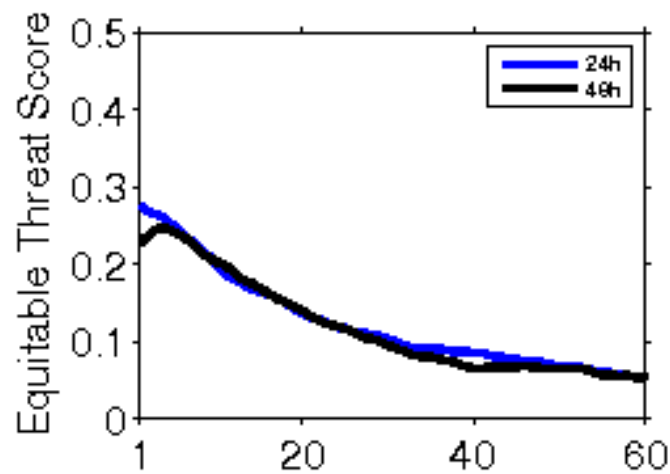
WRF Start Time  
00Z 03092019

Forecast Period  
03Z 03092019-03Z 04092019



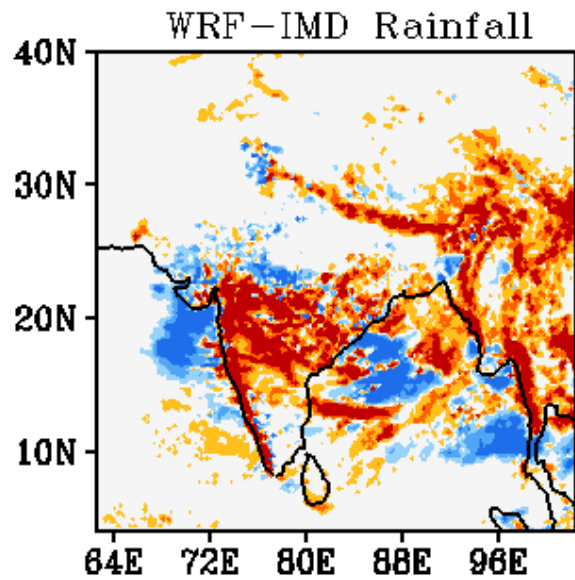
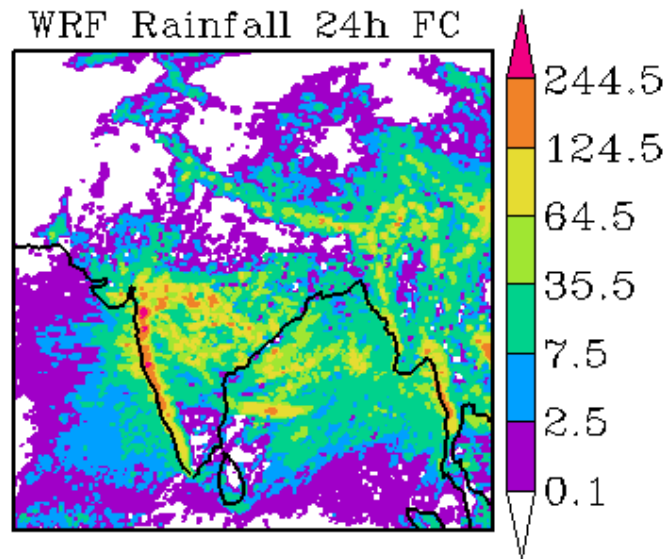
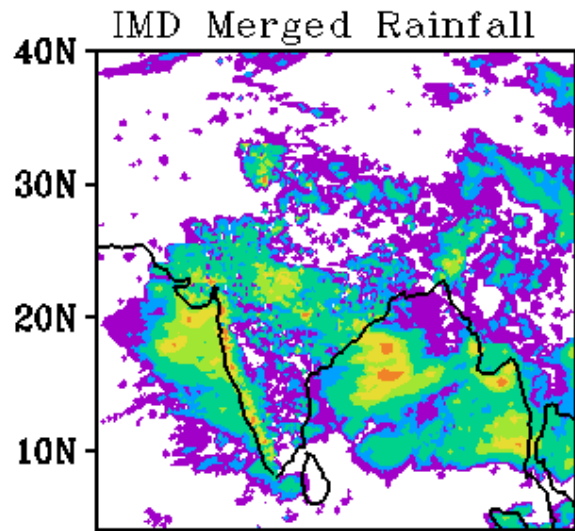
WRF Start Time  
00Z 03092019

Forecast Period  
03Z 04092019-03Z 05092019



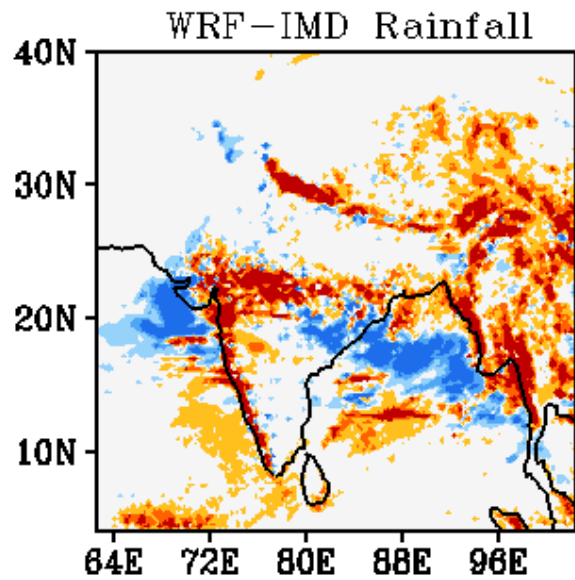
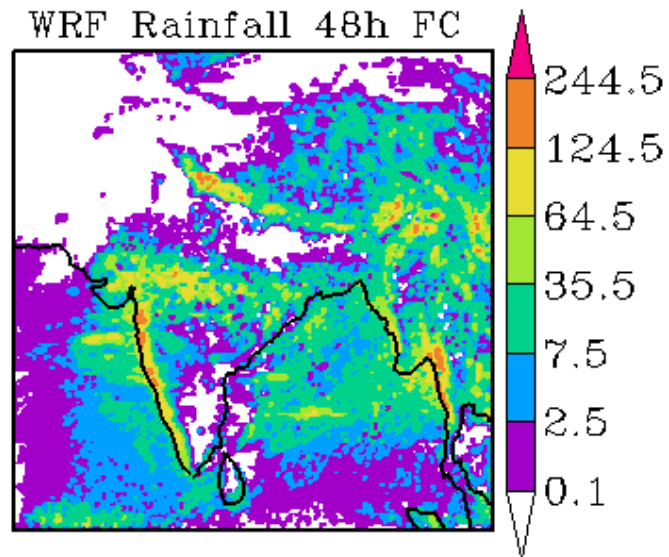
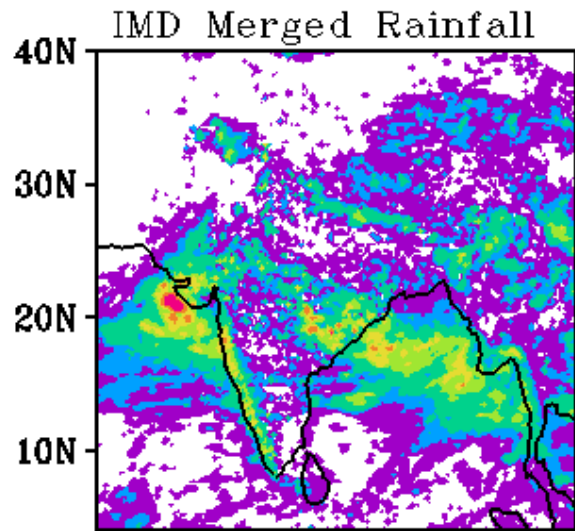
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 04-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.46(-0.14)	9.71(1.18)	2.24(1.10)
<b>48 Hour</b>	1.61(0.07)	11.08(0.53)	2.30(1.24)
<b>72 Hour</b>	1.92(0.02)	12.97(-0.28)	2.59(1.69)



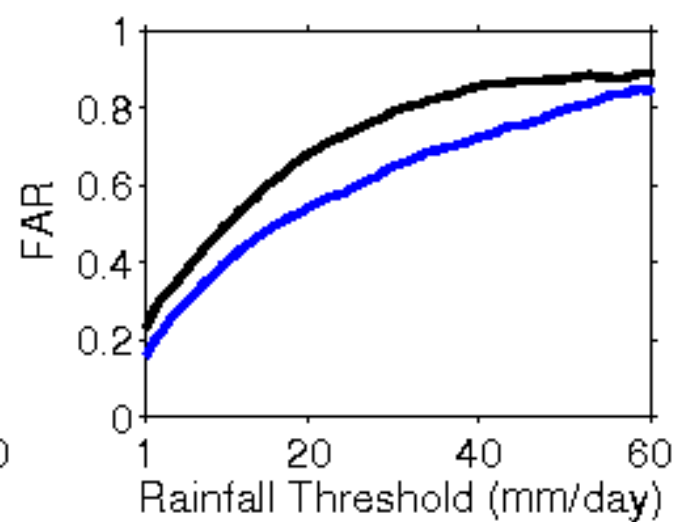
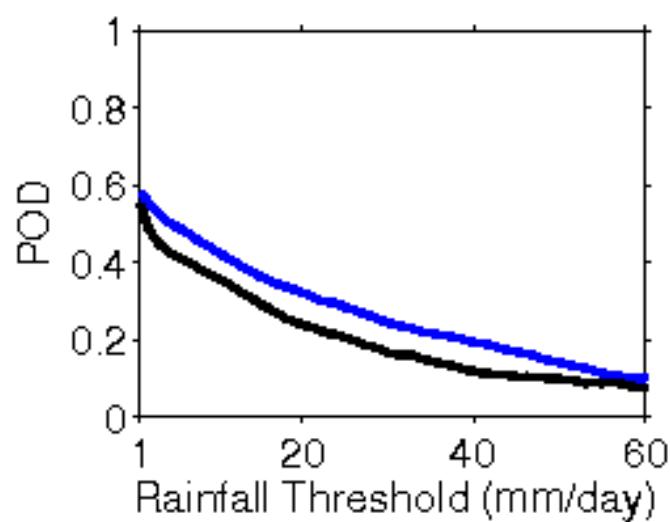
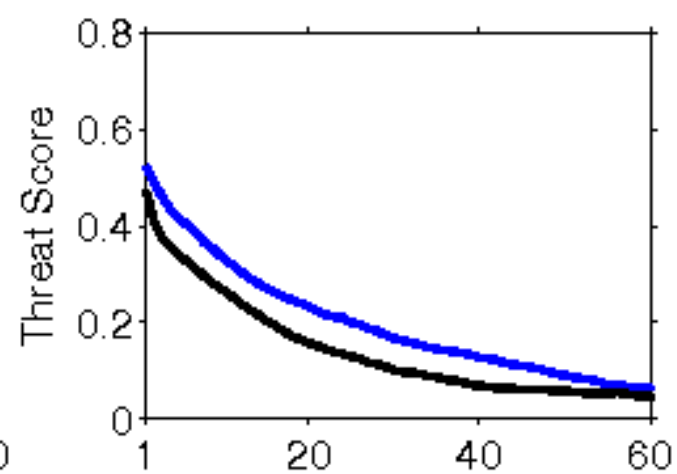
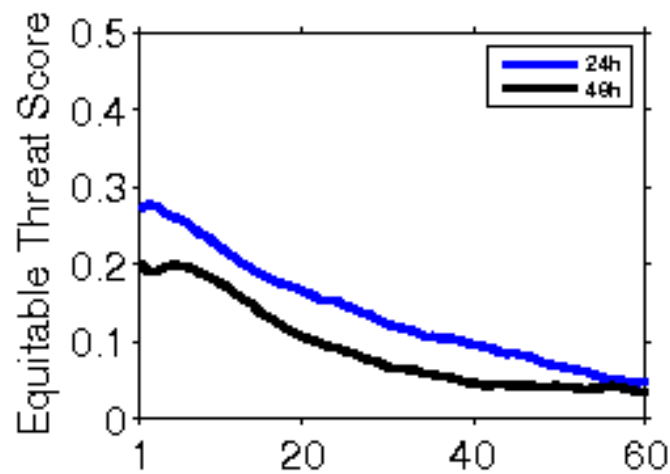
WRF Start Time  
00Z 04092019

Forecast Period  
03Z 04092019-03Z 05092019



WRF Start Time  
00Z 04092019

Forecast Period  
03Z 05092019-03Z 06092019

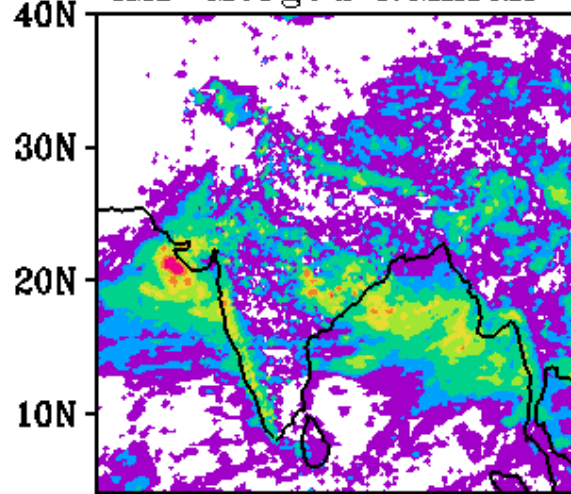




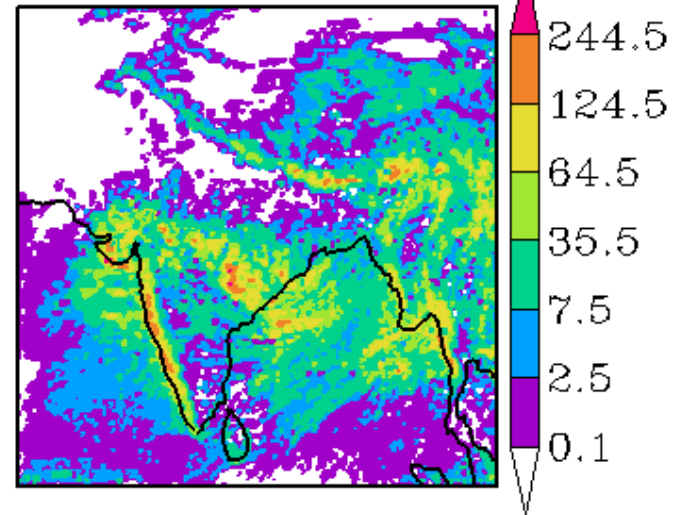
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 05-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.55(-0.16)	11.06(1.38)	2.12(1.14)
<b>48 Hour</b>	1.74(-0.02)	12.40(1.31)	2.31(1.07)
<b>72 Hour</b>	1.94(-0.00)	13.60(0.53)	2.51(1.36)

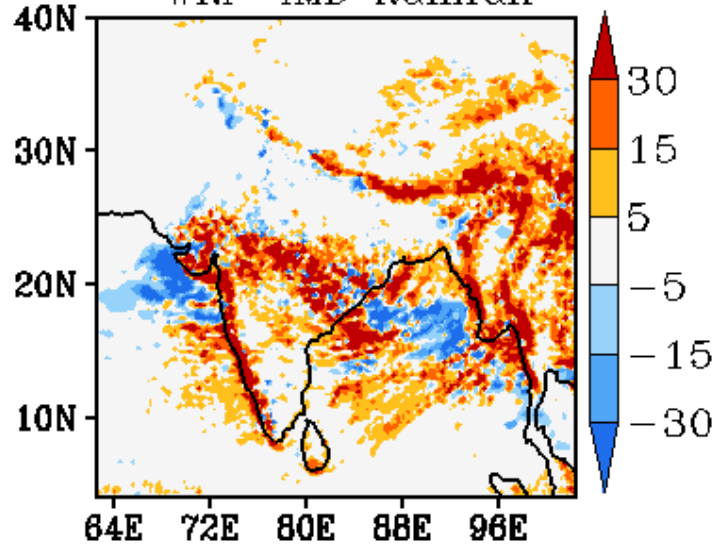
IMD Merged Rainfall



WRF Rainfall 24h FC

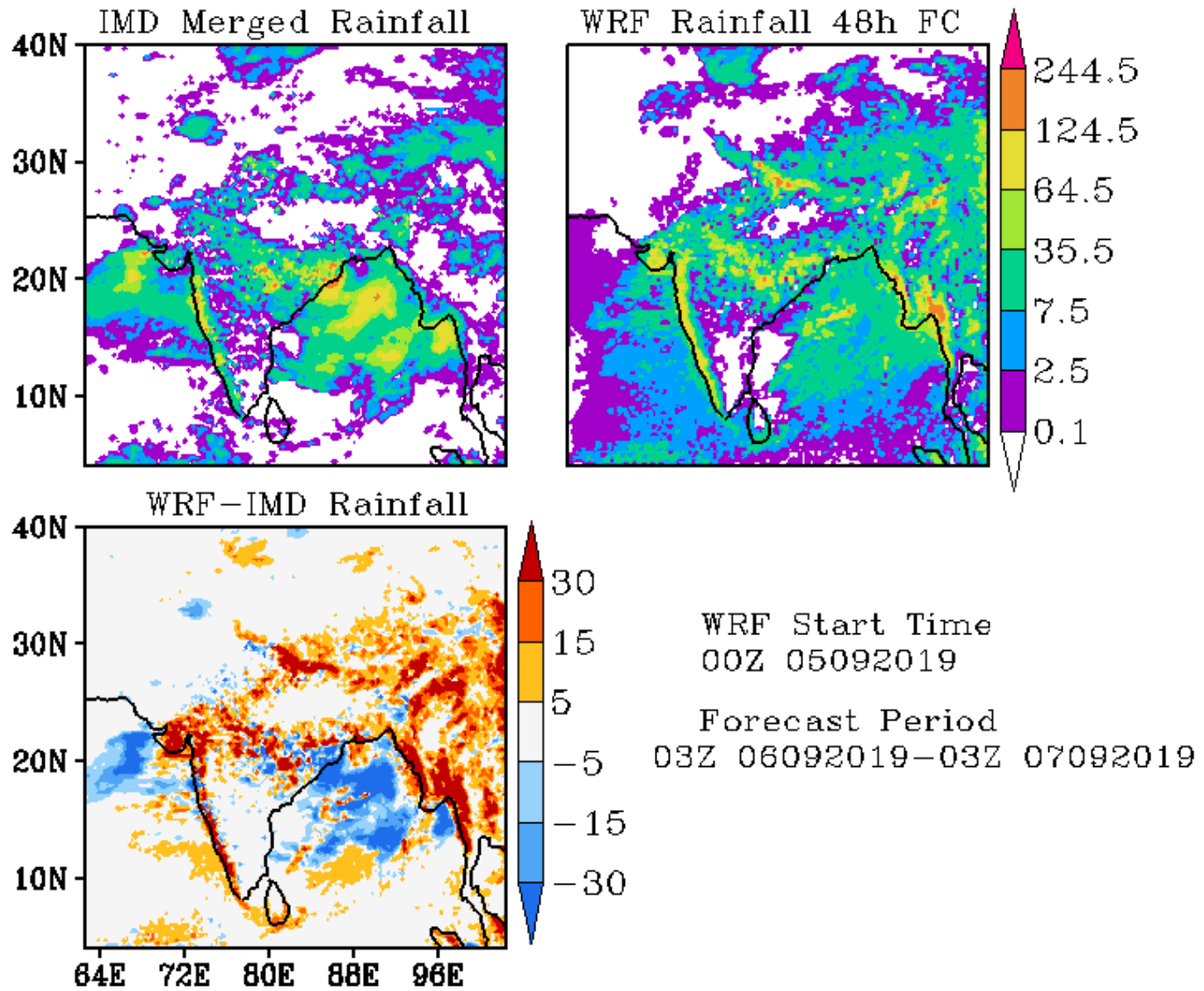


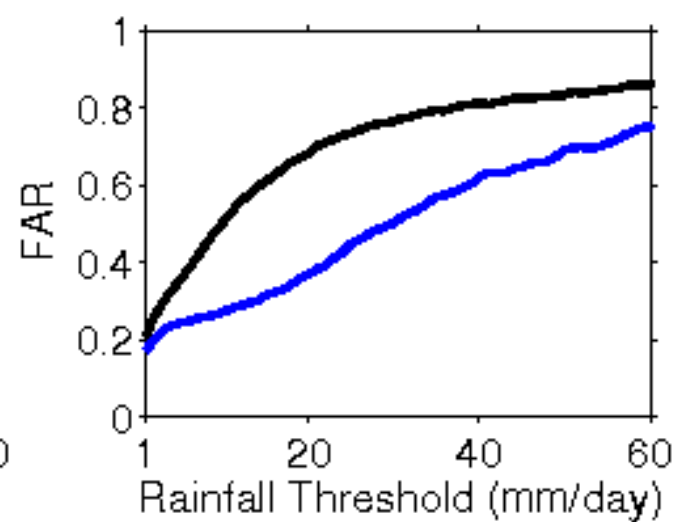
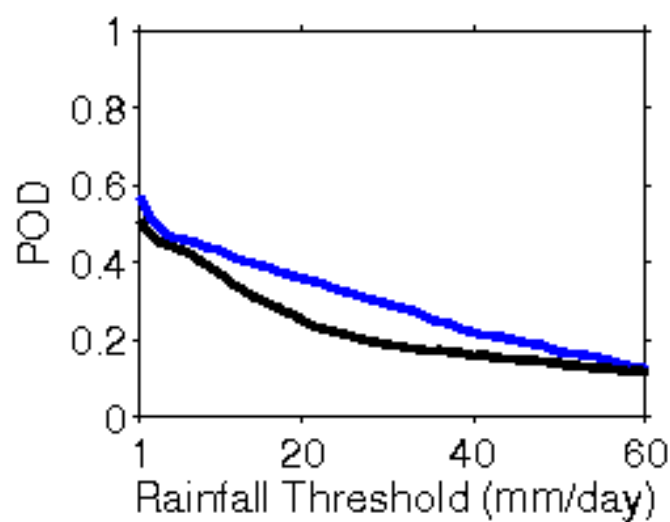
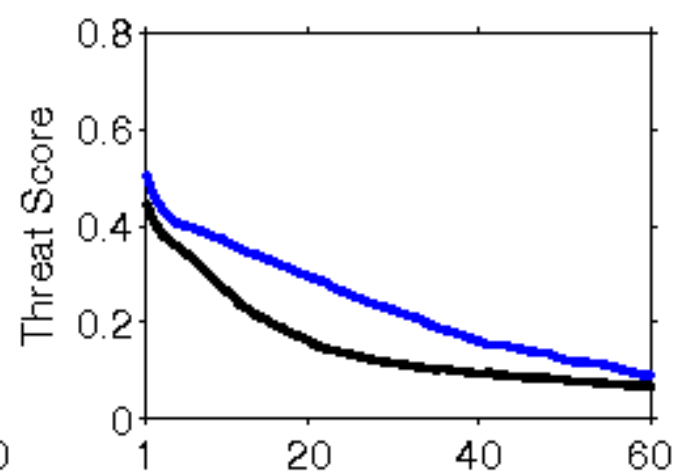
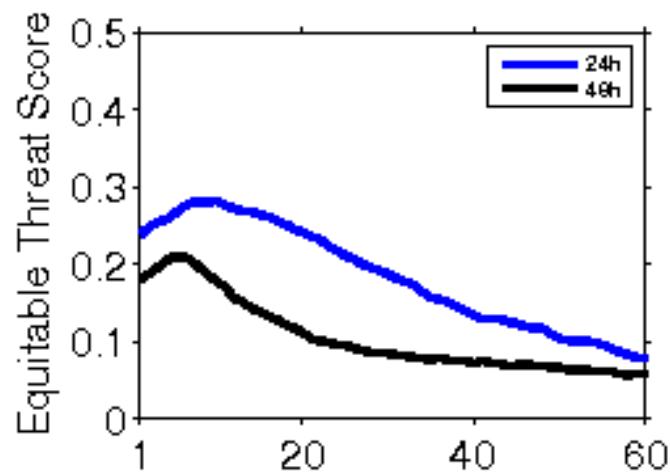
WRF-IMD Rainfall



WRF Start Time  
00Z 05092019

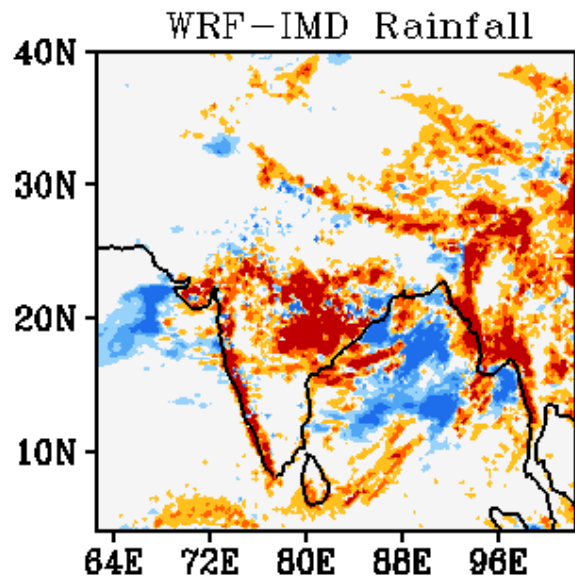
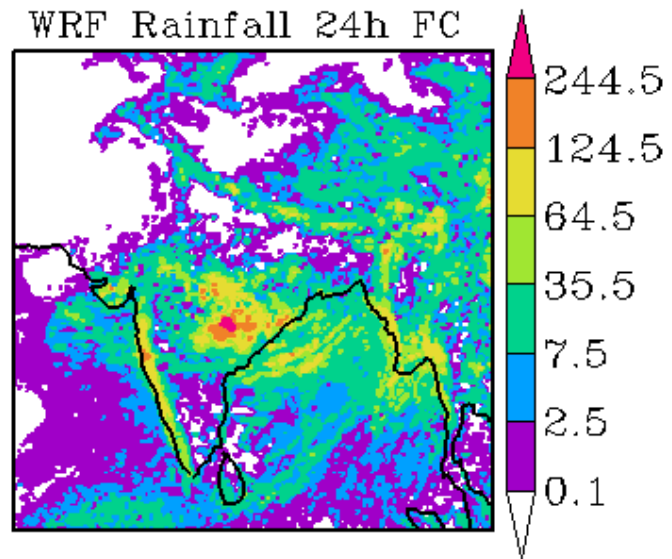
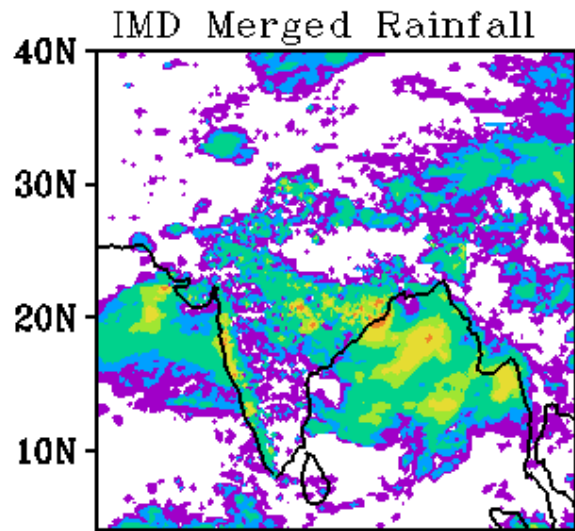
Forecast Period  
03Z 05092019-03Z 06092019





**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 06-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

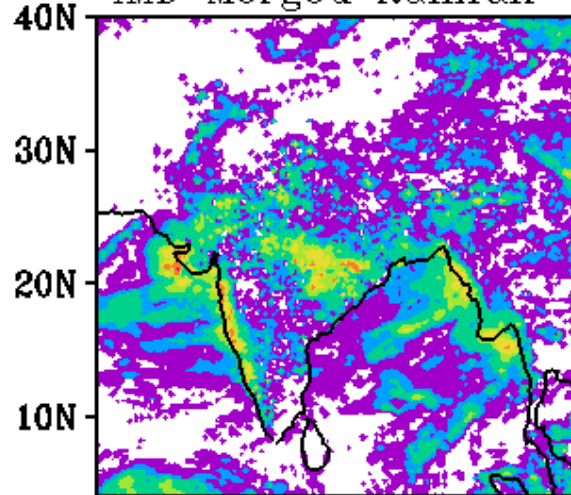
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.55(-0.25)	10.96(1.72)	2.17(1.12)
<b>48 Hour</b>	1.80(-0.09)	12.70(0.58)	2.42(0.98)
<b>72 Hour</b>	2.09(0.02)	12.72(0.59)	2.51(0.92)



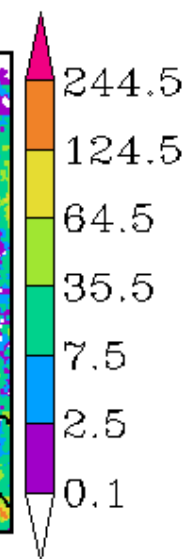
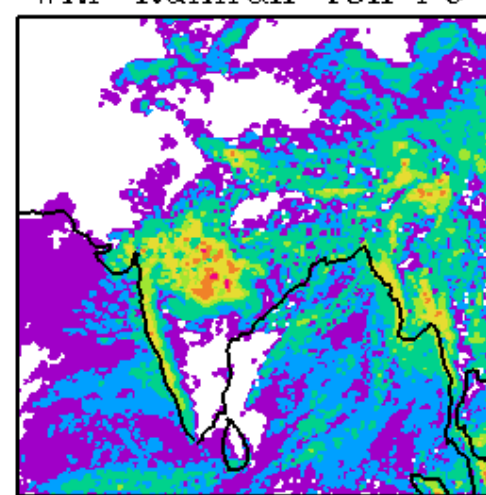
WRF Start Time  
00Z 06092019

Forecast Period  
03Z 06092019-03Z 07092019

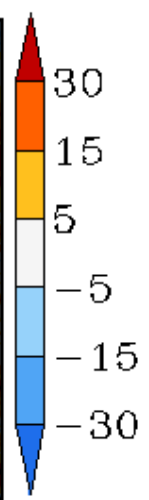
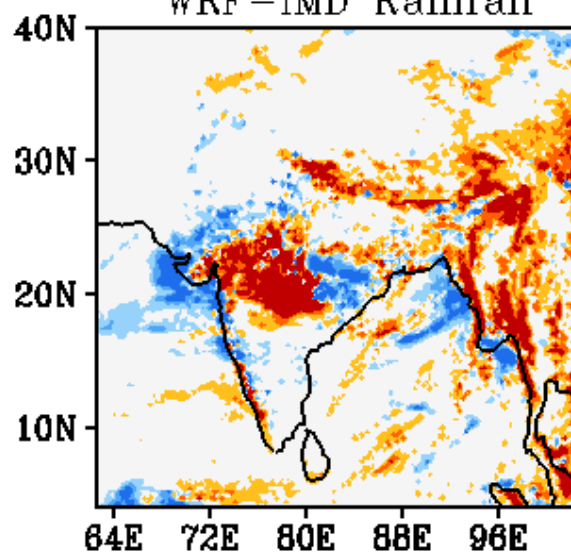
IMD Merged Rainfall



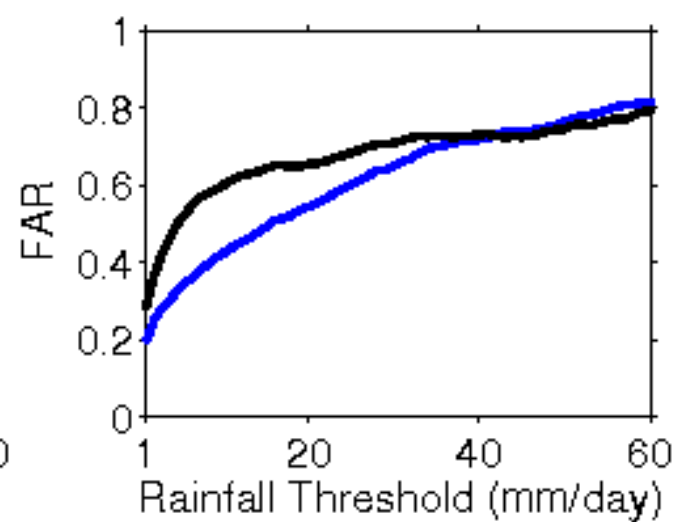
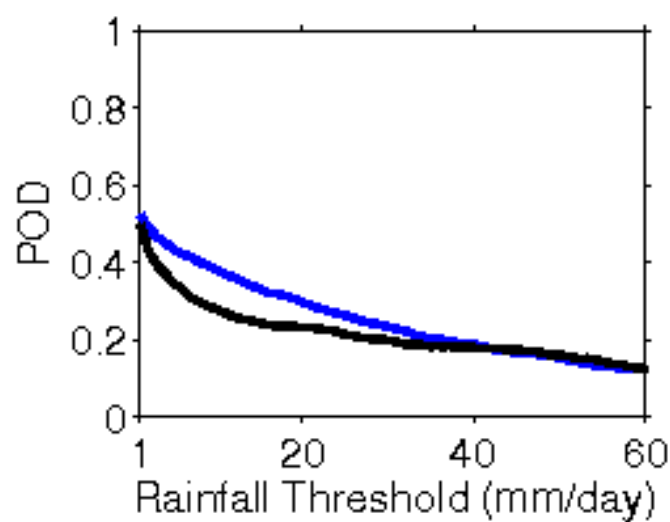
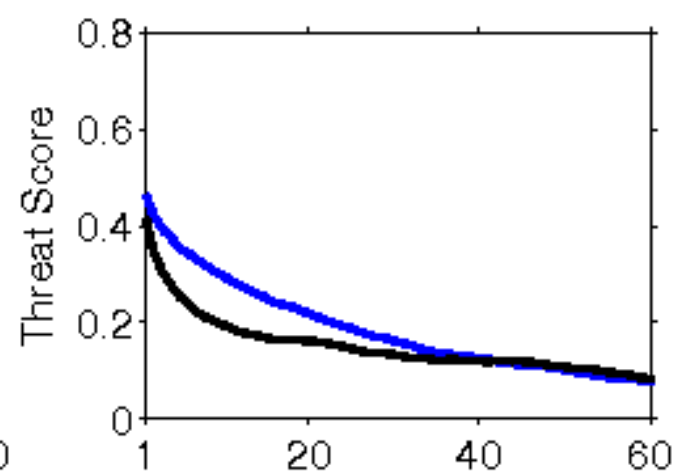
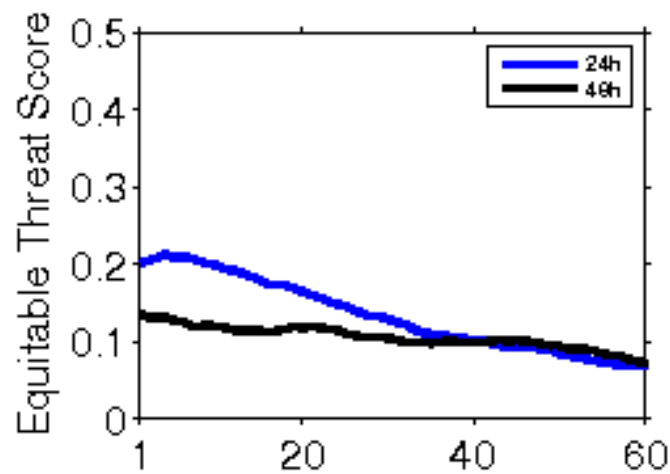
WRF Rainfall 48h FC



WRF-IMD Rainfall



WRF Start Time  
00Z 06092019  
  
Forecast Period  
03Z 07092019-03Z 08092019

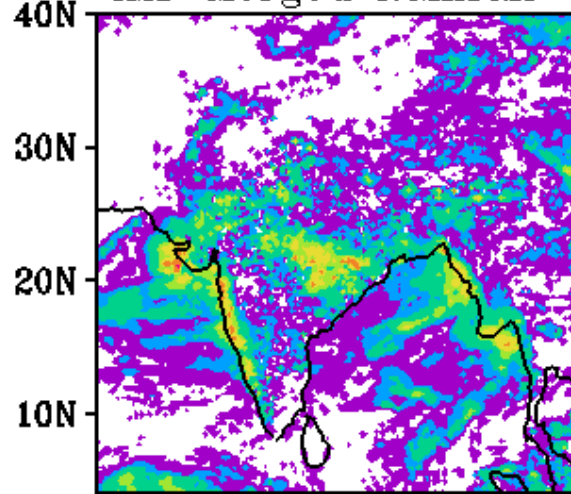




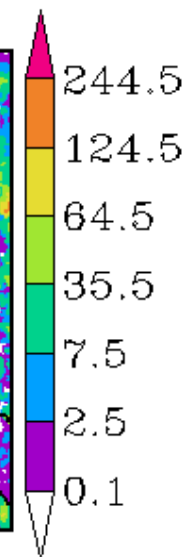
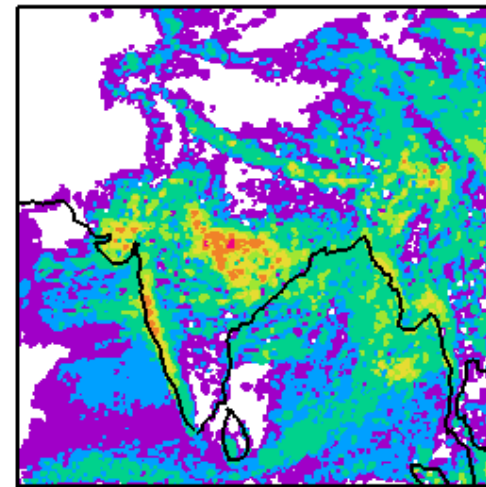
**Error Statistics in Surface Meteorological Parameter**  
**Validation Time 0000 UTC 07-09-19**  
**Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.51(-0.24)	11.15(1.22)	2.24(1.22)
<b>48 Hour</b>	1.74(0.02)	11.92(0.42)	2.38(1.27)
<b>72 Hour</b>	1.98(0.10)	14.28(0.13)	2.53(0.97)

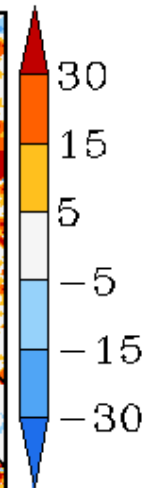
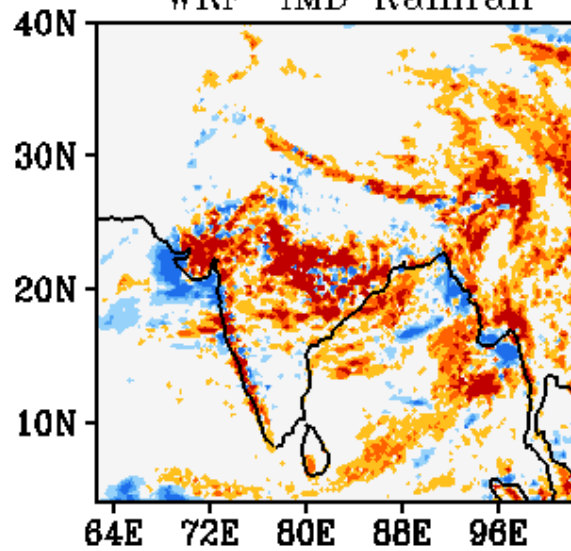
IMD Merged Rainfall



WRF Rainfall 24h FC

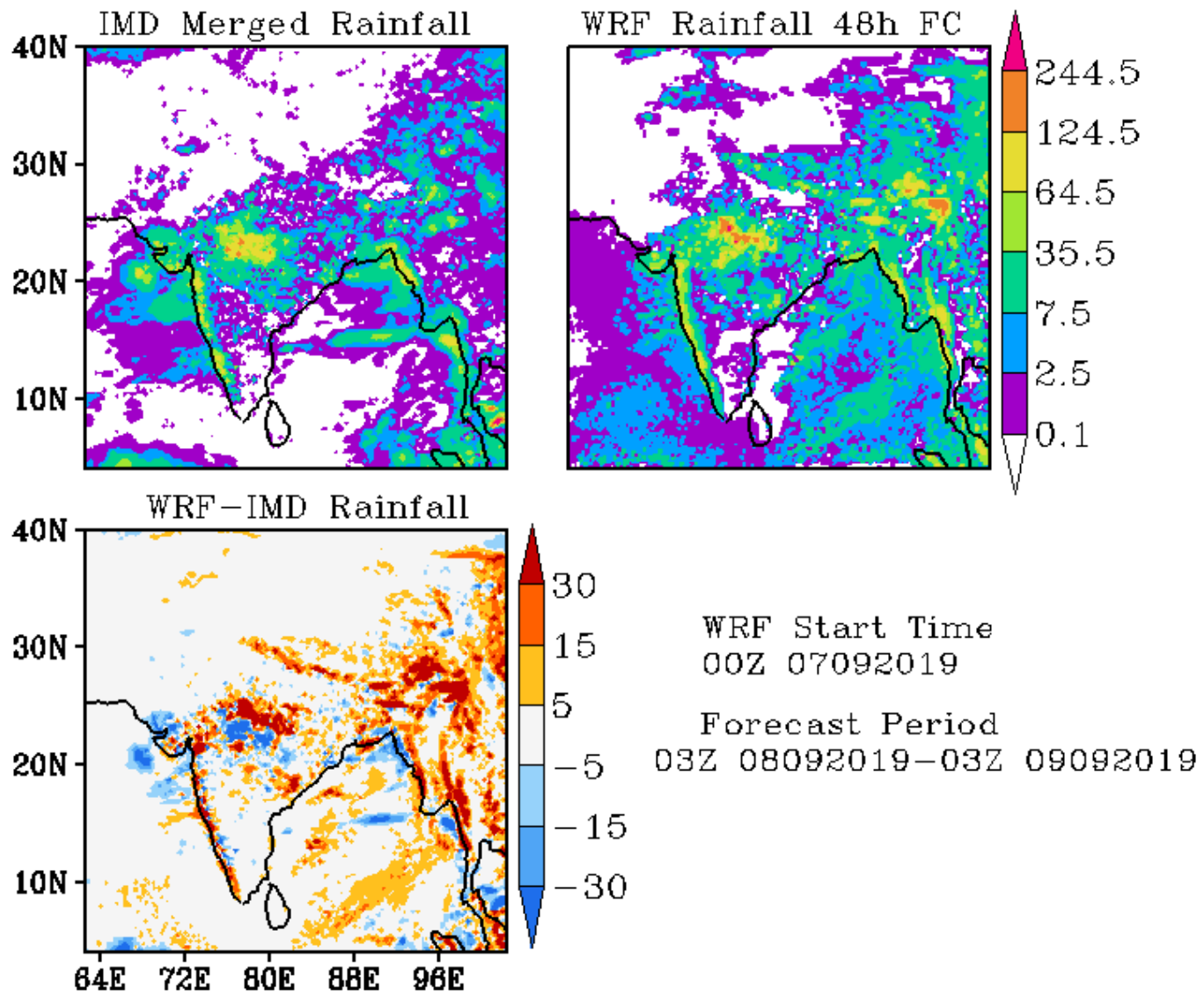


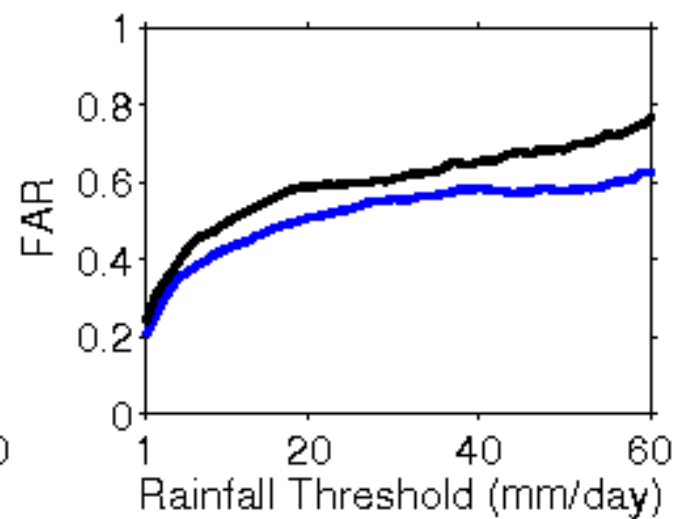
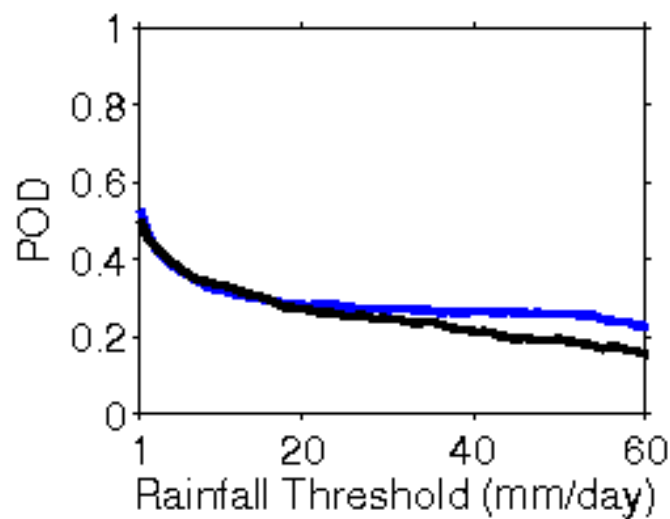
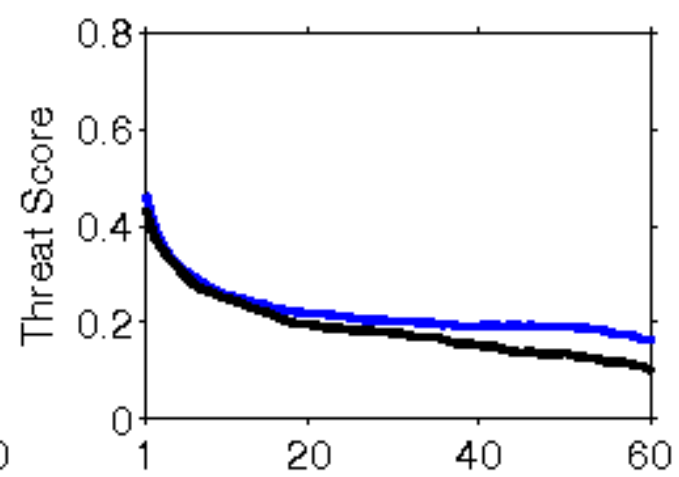
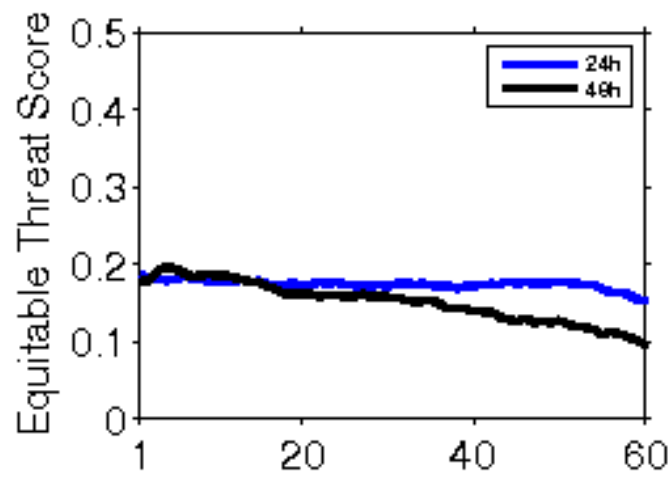
WRF-IMD Rainfall



WRF Start Time  
00Z 07092019

Forecast Period  
03Z 07092019-03Z 08092019

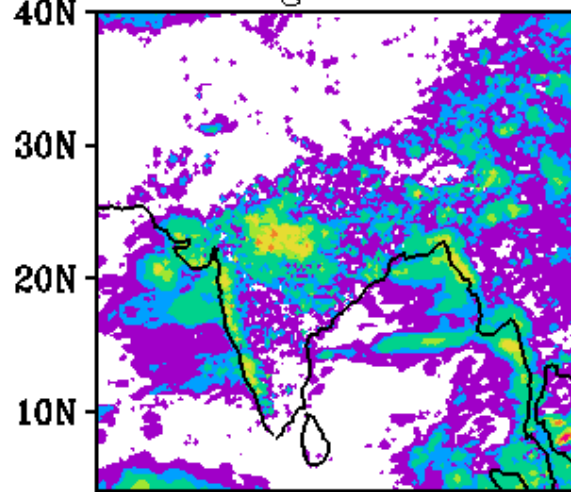




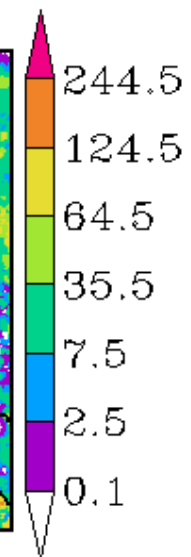
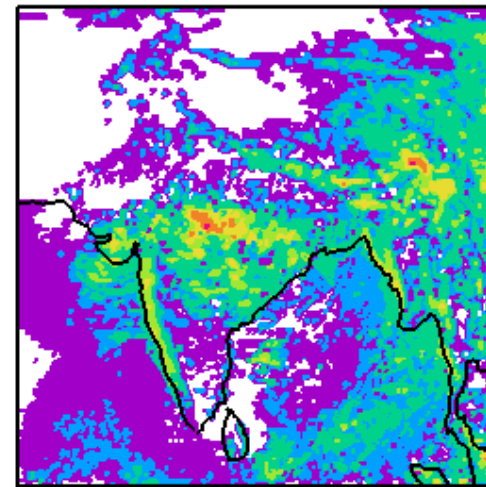
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 08-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.47(-0.28)	10.32(1.79)	2.11(1.13)
<b>48 Hour</b>	1.76(-0.12)	13.41(0.25)	2.34(1.37)
<b>72 Hour</b>	1.96(0.10)	15.00(-0.12)	2.77(1.43)

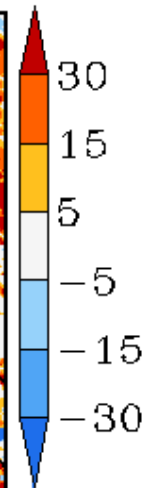
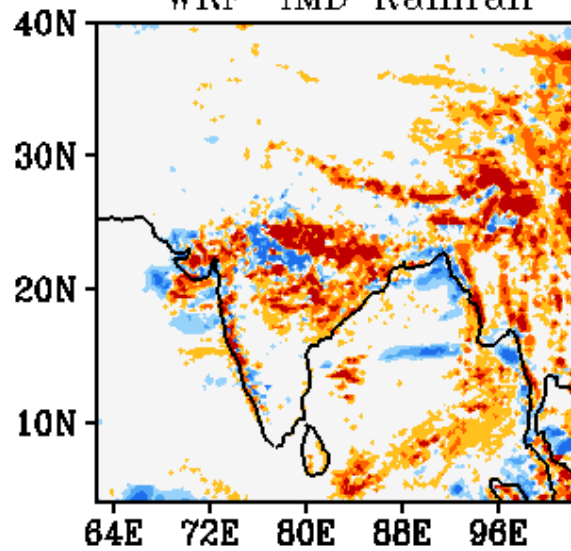
IMD Merged Rainfall



WRF Rainfall 24h FC

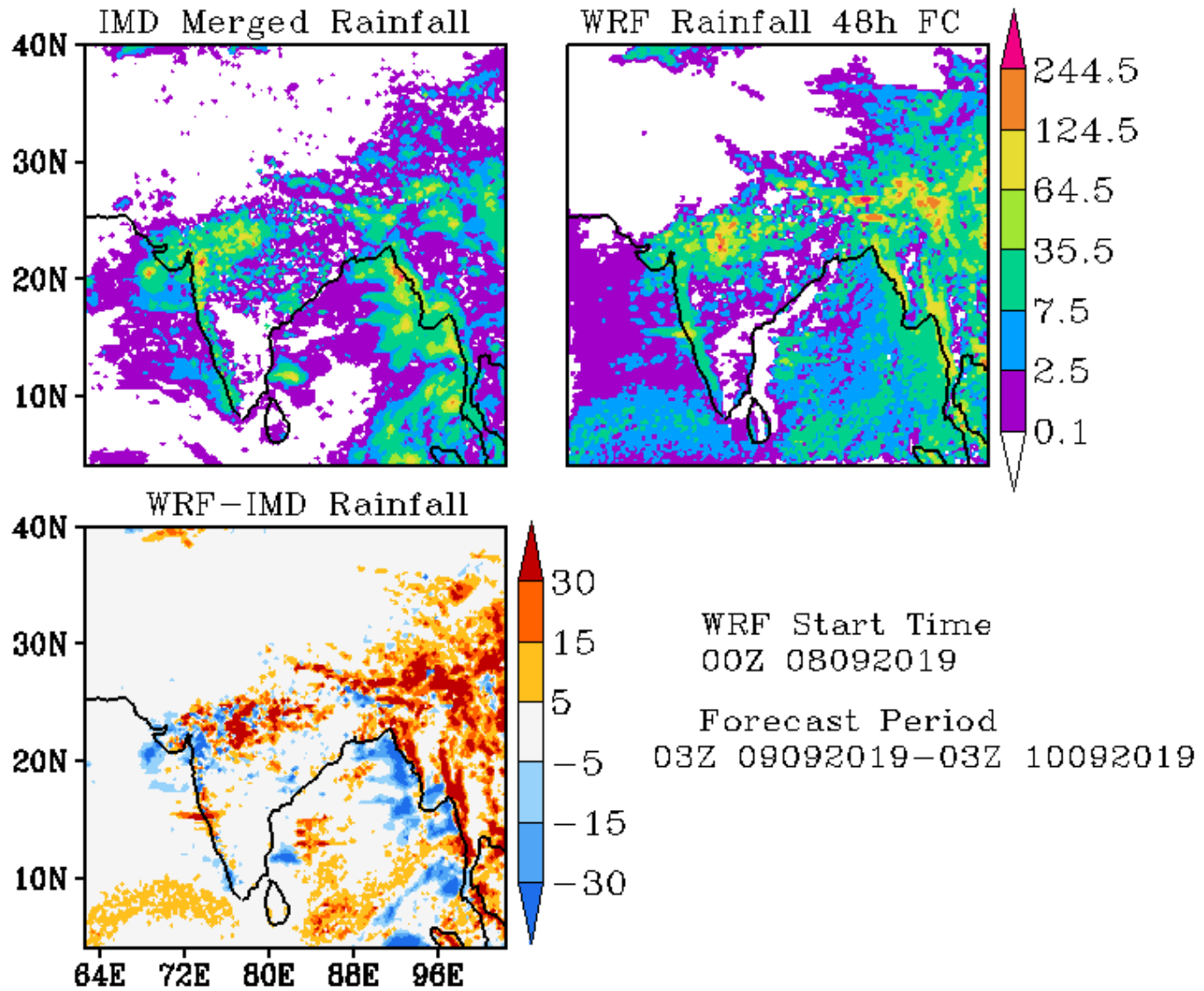


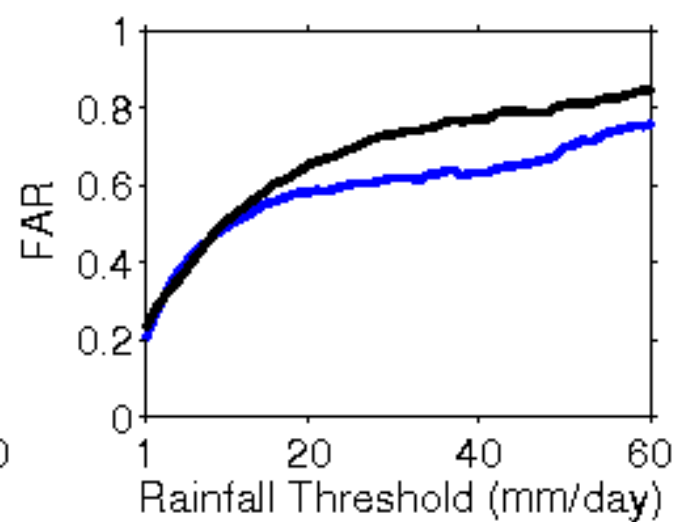
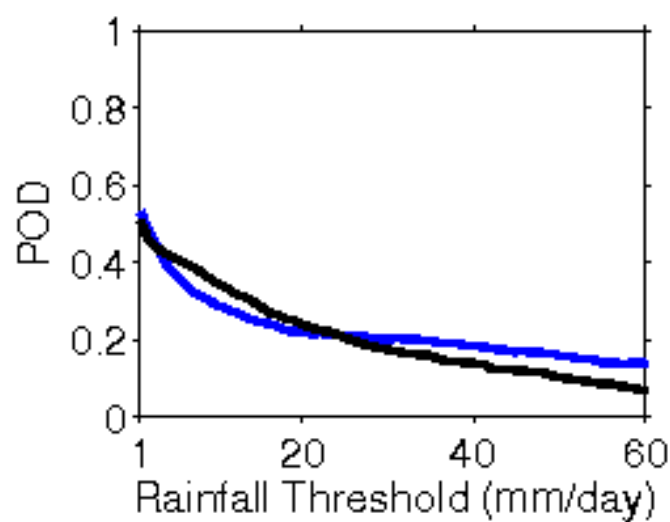
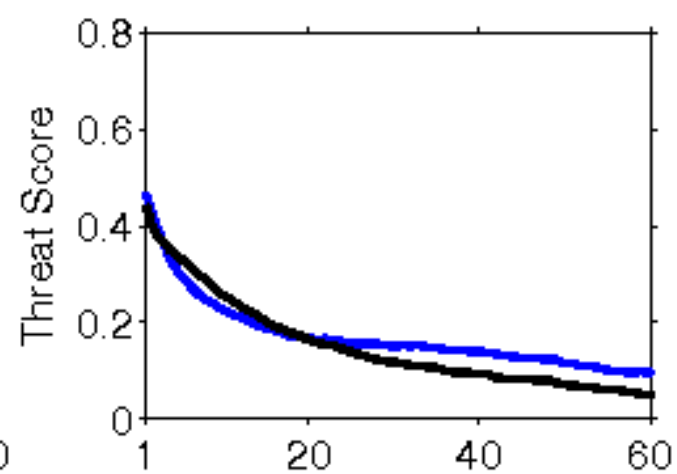
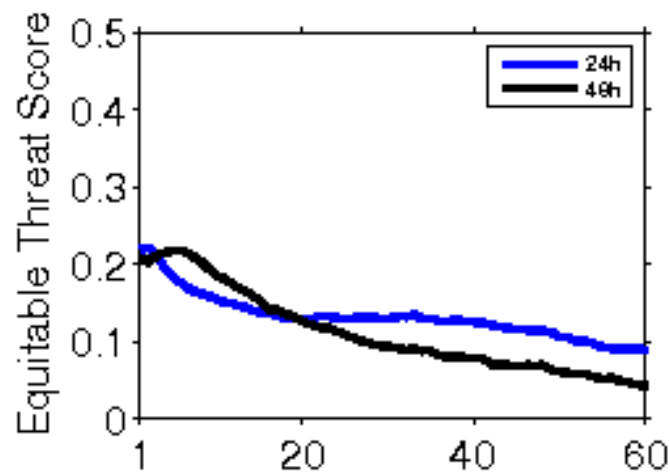
WRF-IMD Rainfall



WRF Start Time  
00Z 08092019

Forecast Period  
03Z 08092019-03Z 09092019

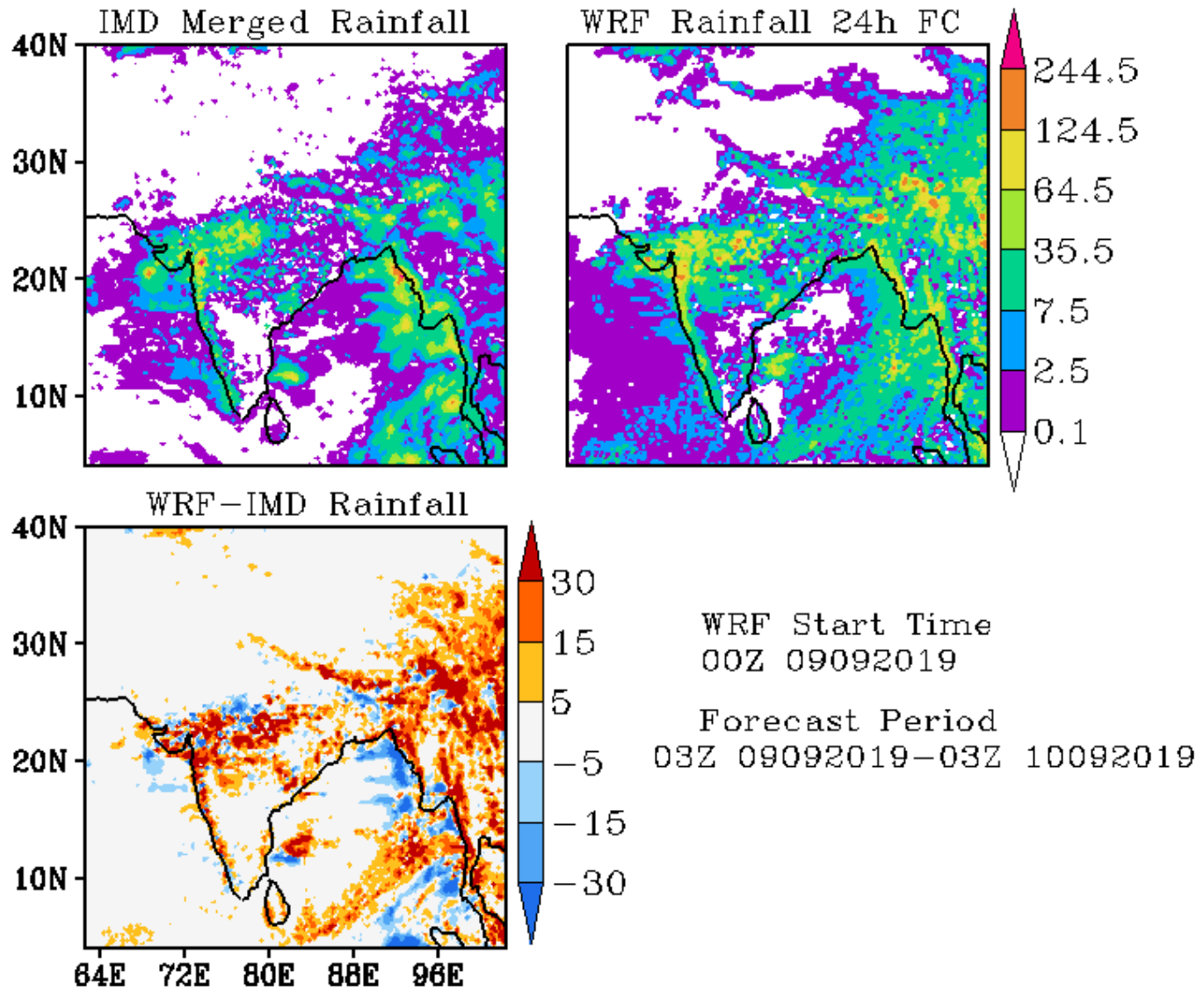


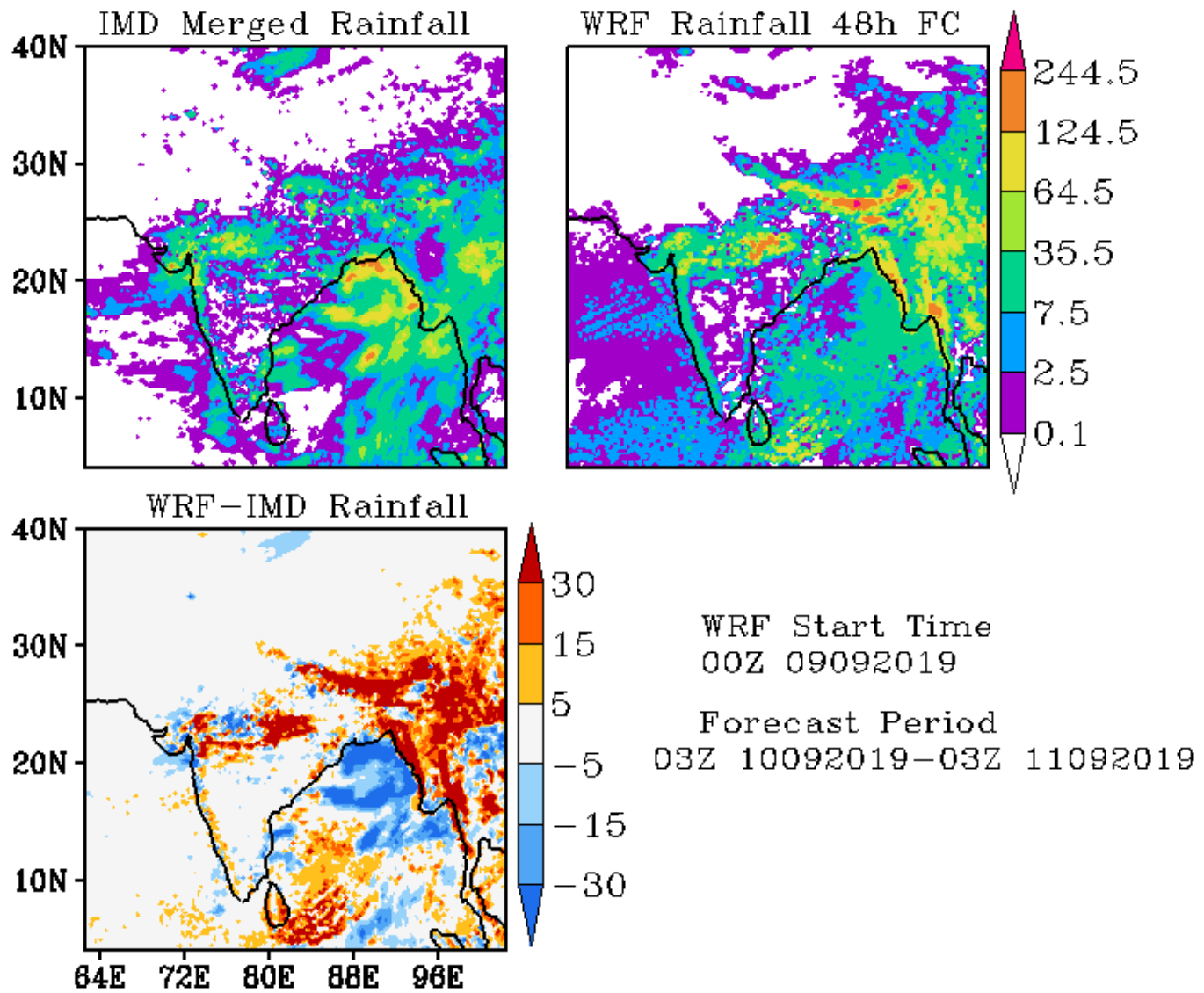


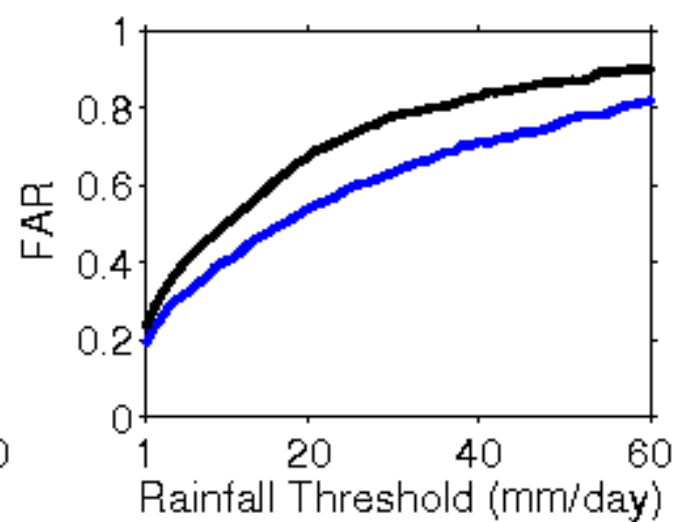
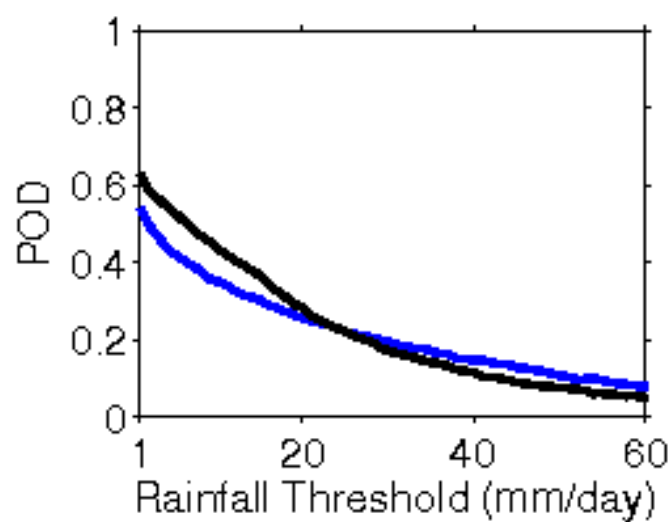
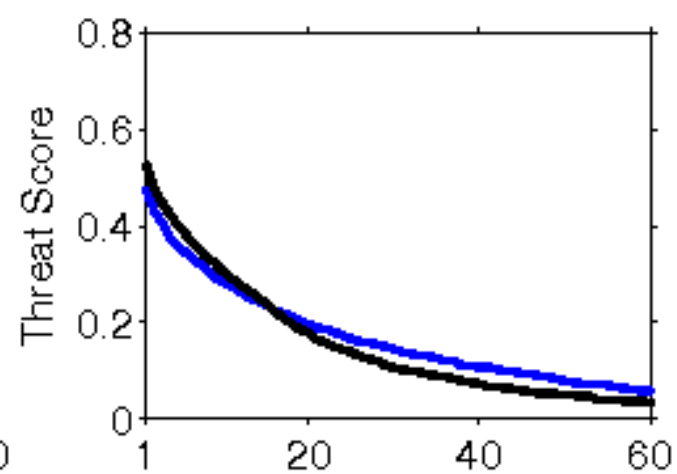
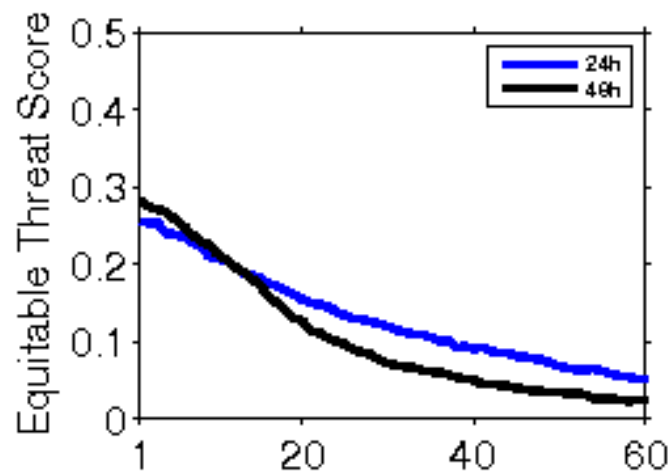


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 09-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.46(-0.34)	11.11(0.91)	2.08(1.14)
<b>48 Hour</b>	1.71(-0.10)	13.06(0.21)	2.61(1.53)
<b>72 Hour</b>	2.04(-0.05)	15.69(-0.74)	3.06(1.45)

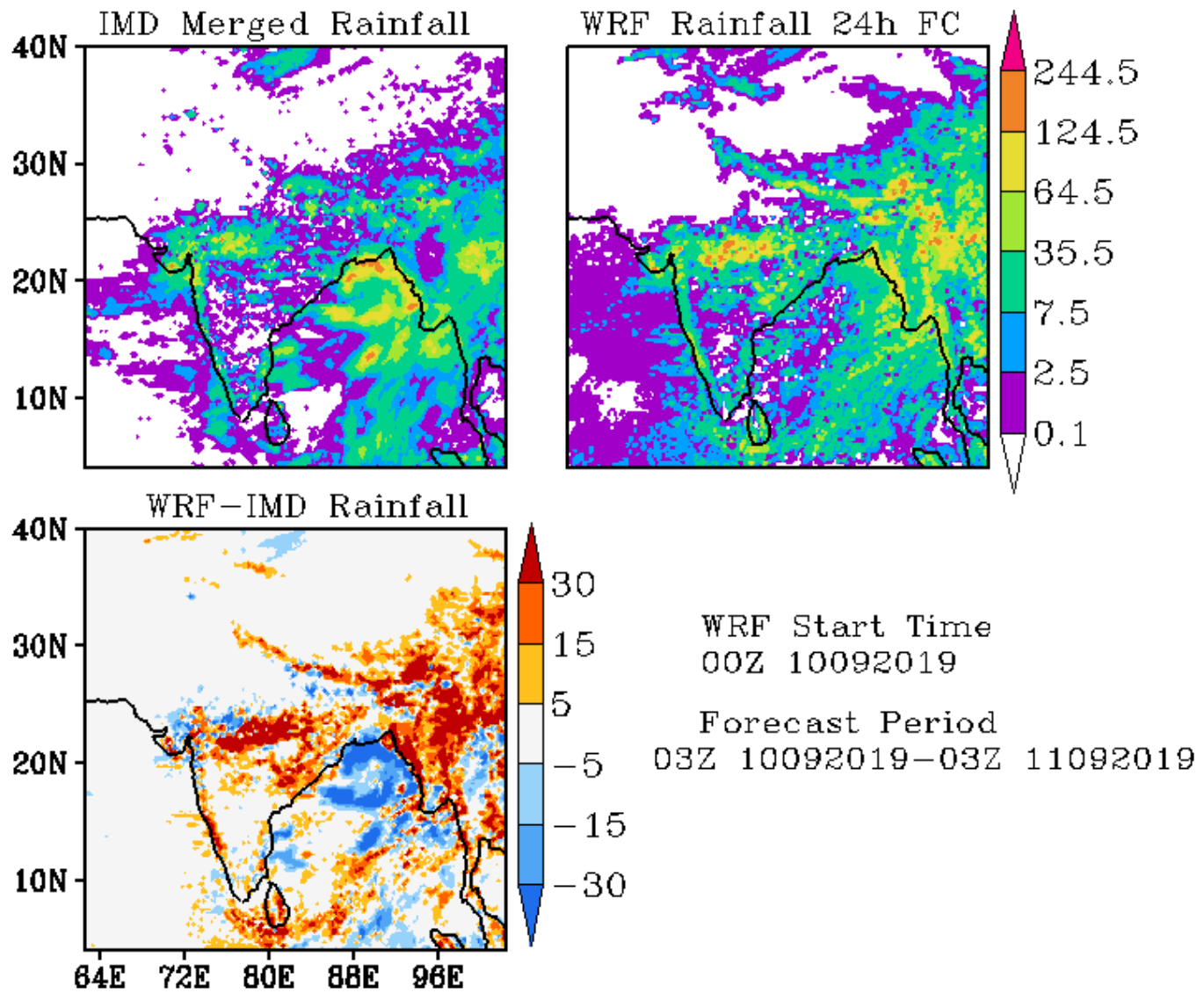


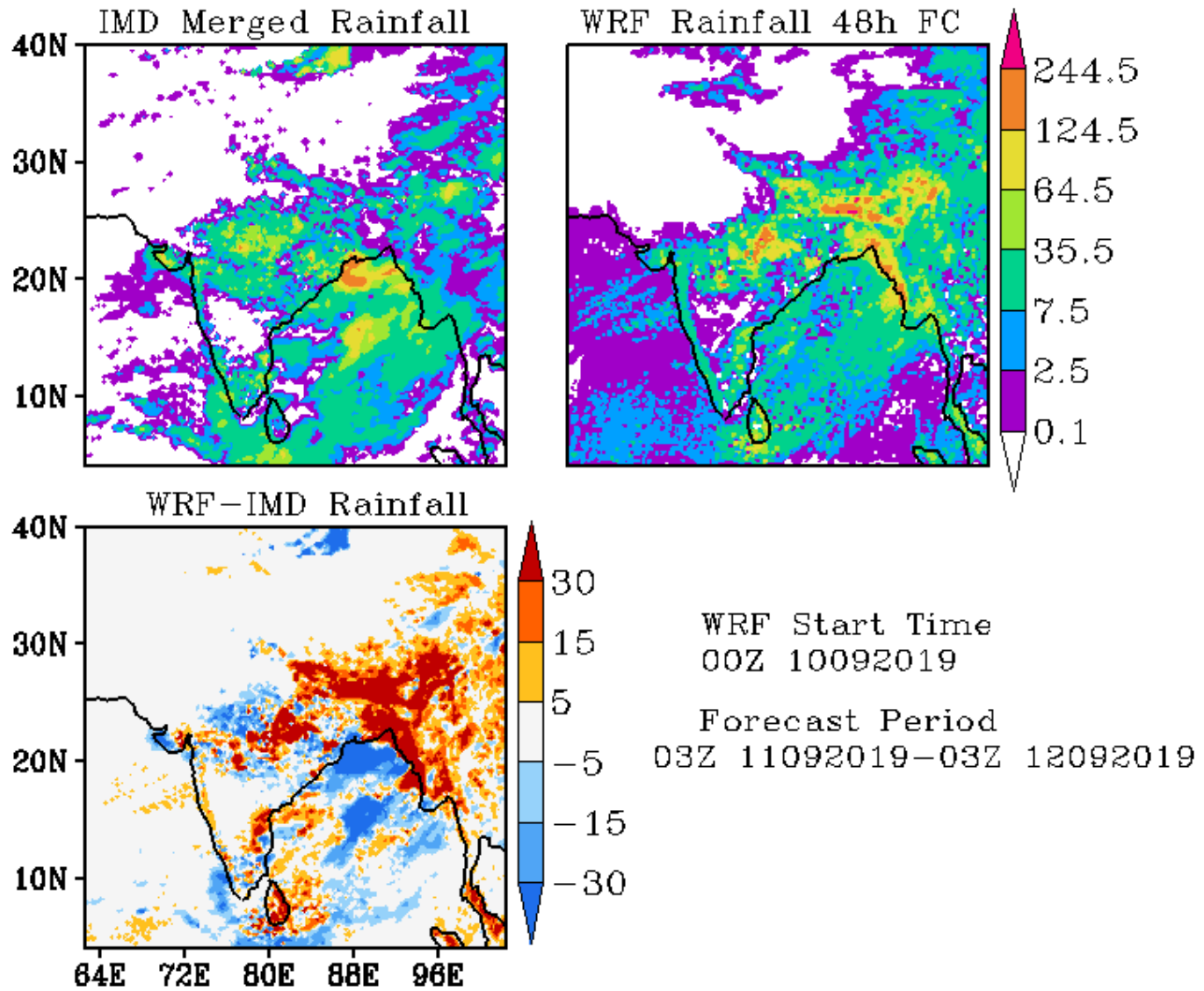


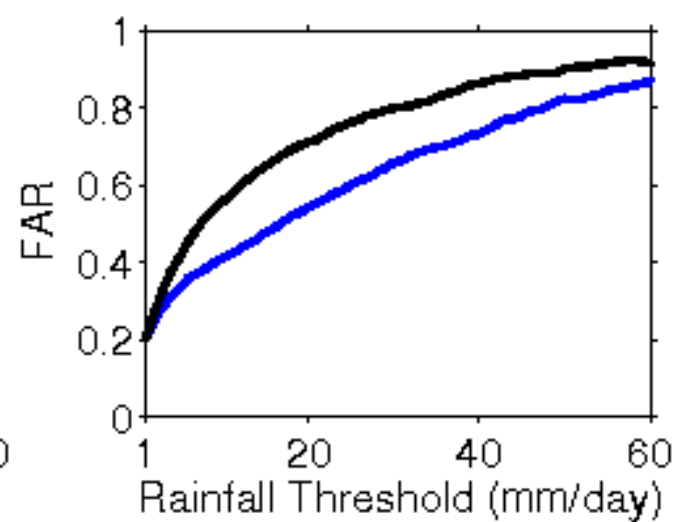
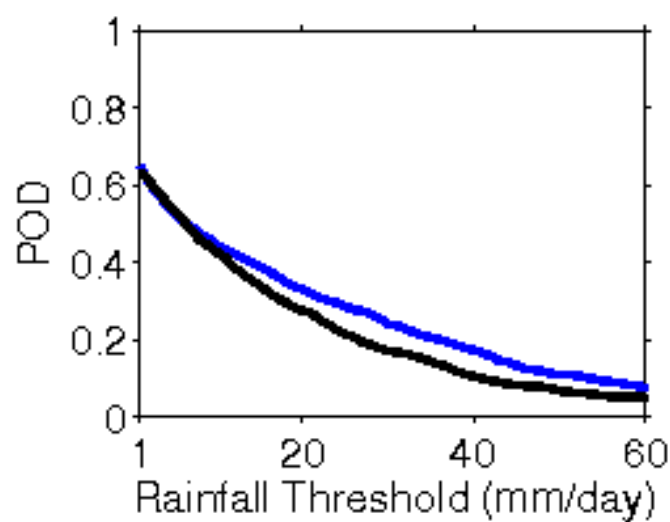
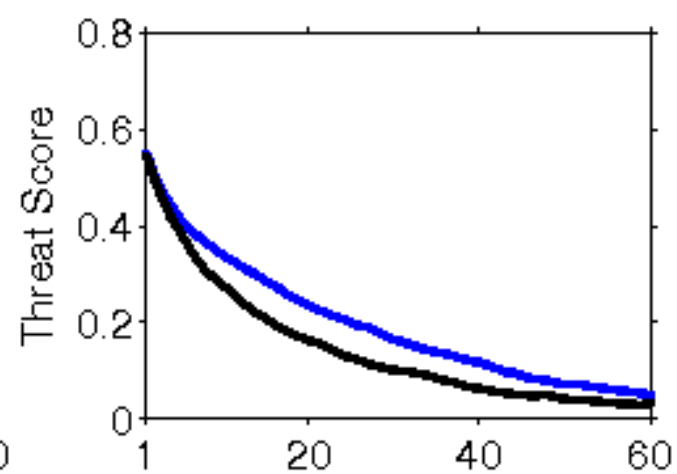
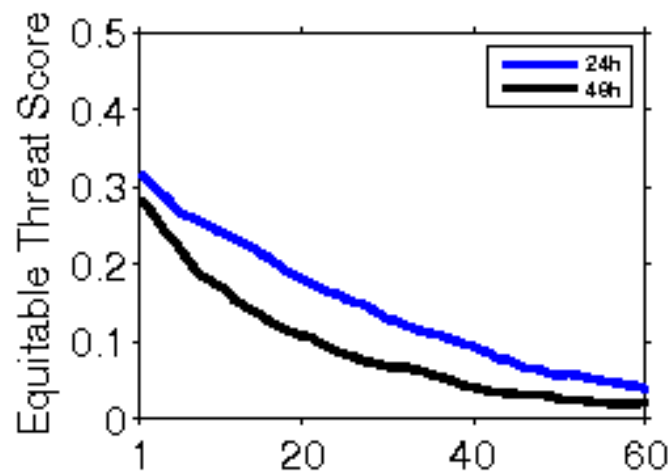


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 10-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.47(-0.21)	12.46(2.42)	2.34(1.28)
<b>48 Hour</b>	1.83(-0.18)	13.58(1.02)	2.63(1.48)
<b>72 Hour</b>	2.09(0.06)	15.90(0.50)	3.14(1.82)



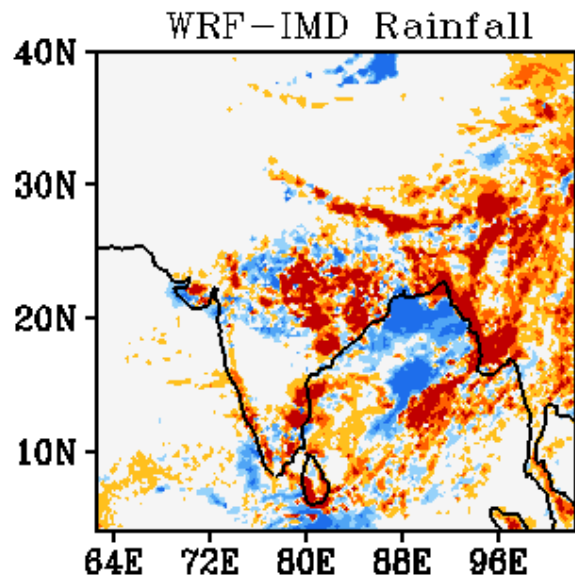
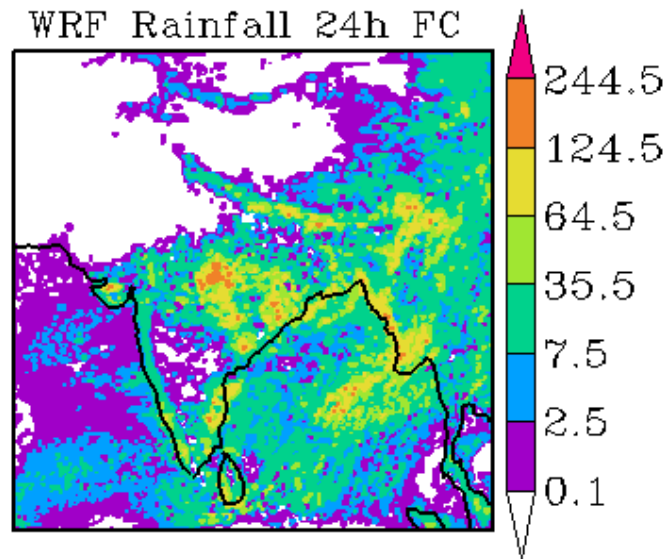
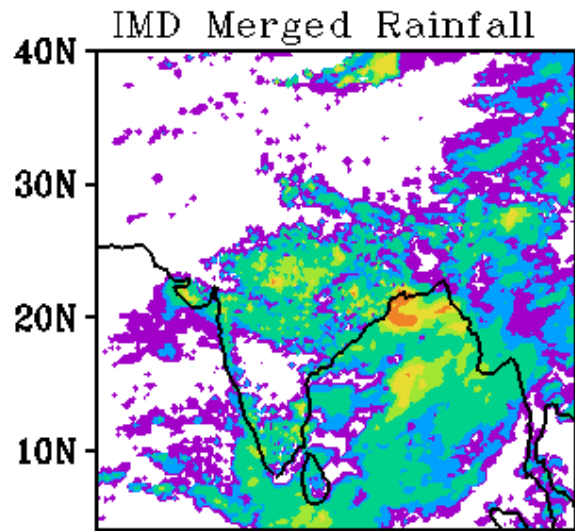






**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 11-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.55(-0.31)	12.97(1.57)	2.19(1.13)
<b>48 Hour</b>	1.98(-0.16)	14.35(-0.28)	2.74(1.61)
<b>72 Hour</b>	2.24(-0.12)	14.36(-1.70)	2.79(1.79)

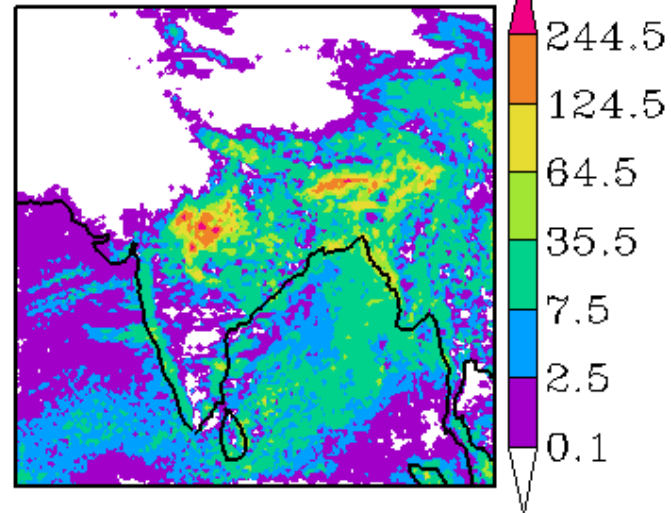


WRF Start Time  
00Z 11092019

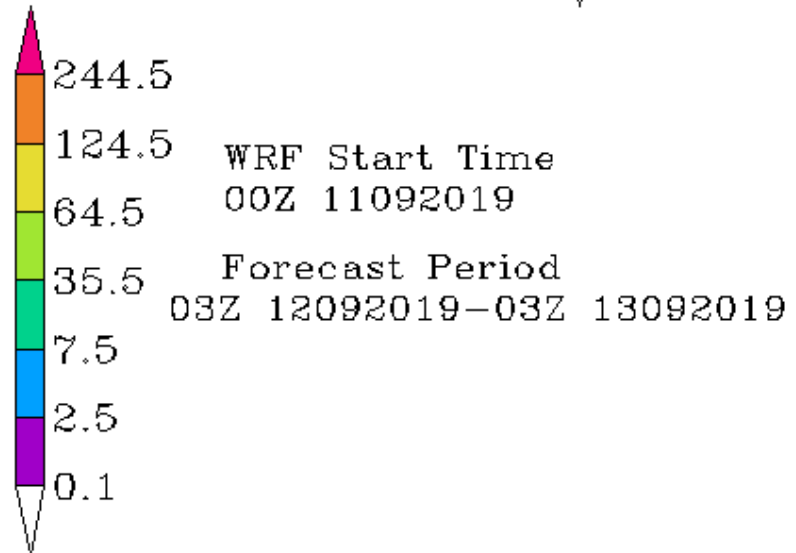
Forecast Period  
03Z 11092019-03Z 12092019

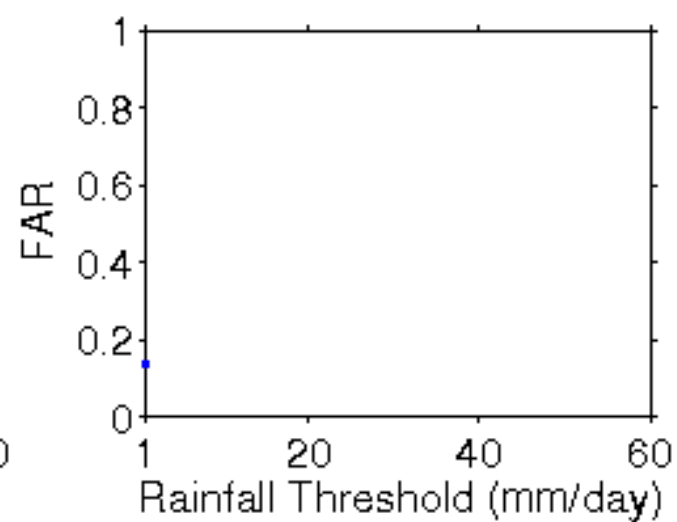
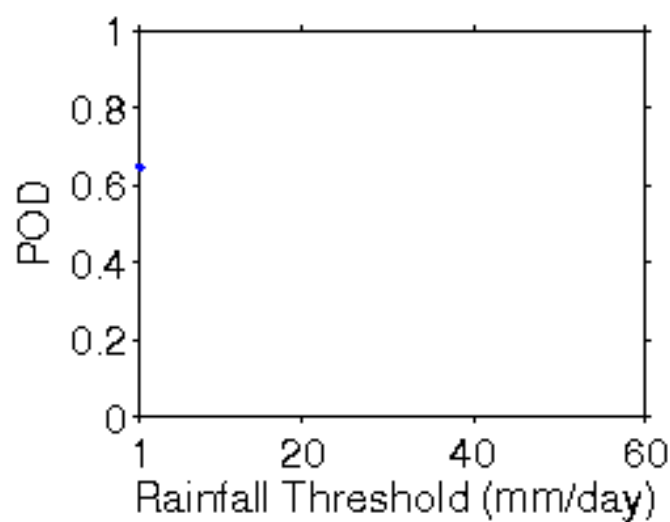
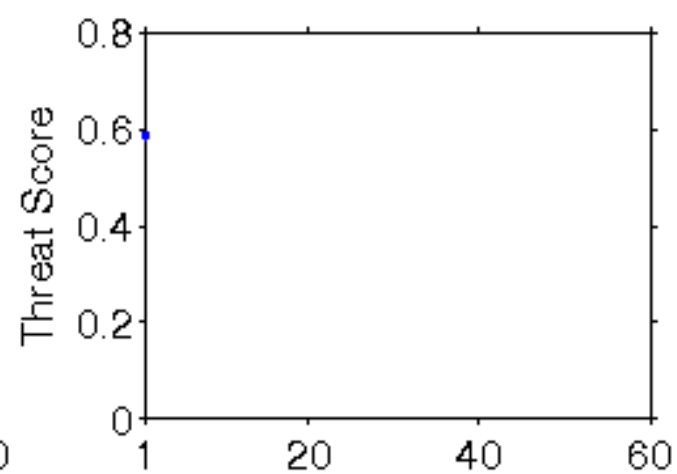
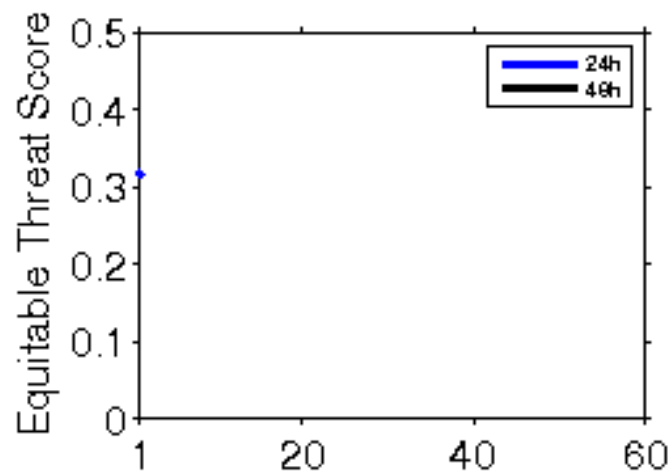
IMD Merged Rainfall

WRF Rainfall 48h FC



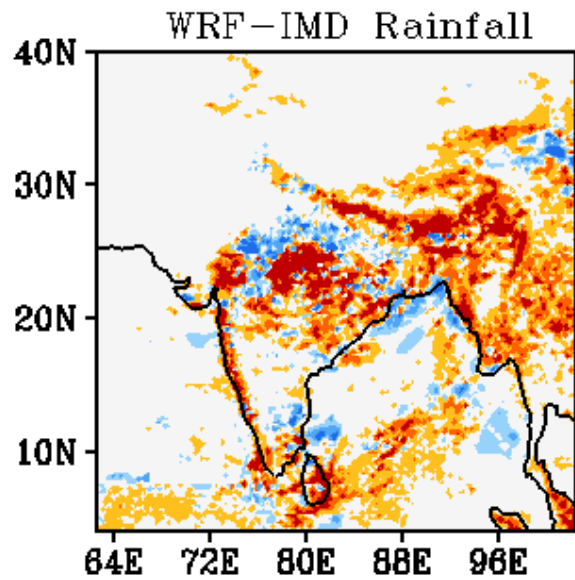
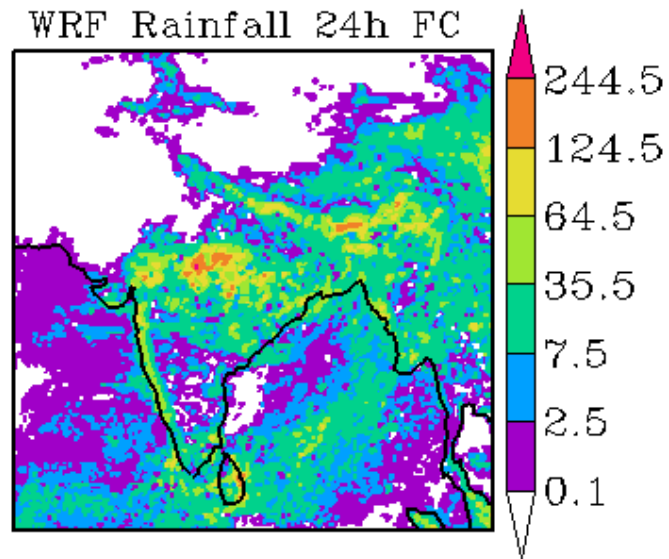
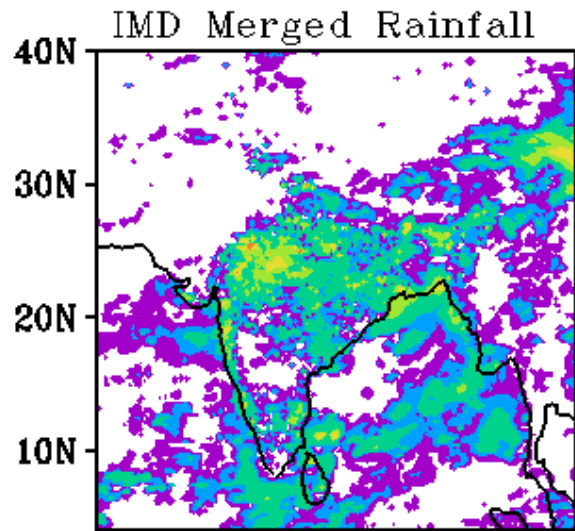
WRF-IMD Rainfall





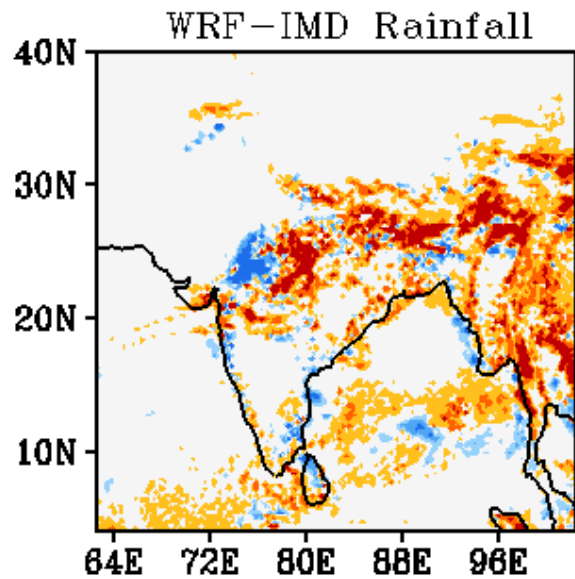
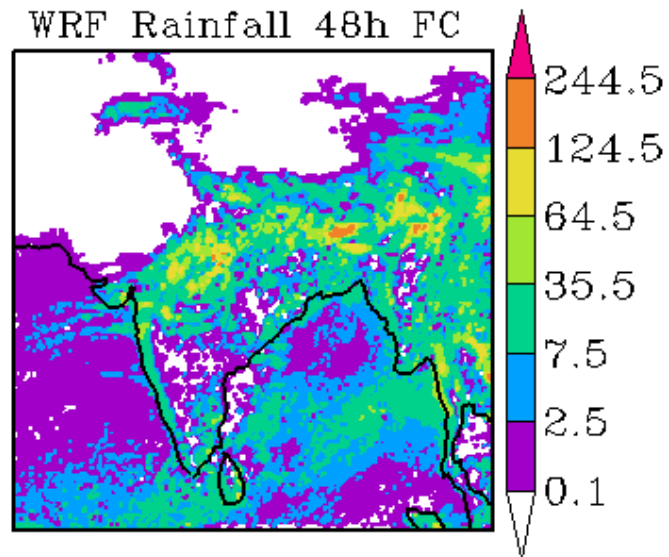
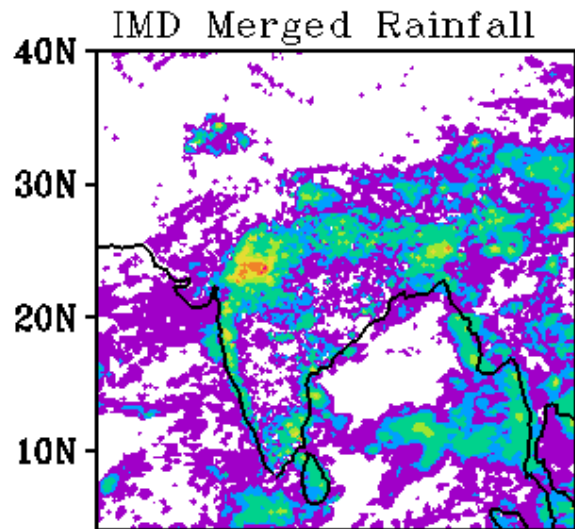
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 12-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.55(-0.26)	12.06(1.70)	2.19(1.19)
<b>48 Hour</b>	1.65(-0.25)	12.12(0.03)	2.32(1.38)
<b>72 Hour</b>	1.86(-0.29)	12.92(-0.39)	2.49(1.42)



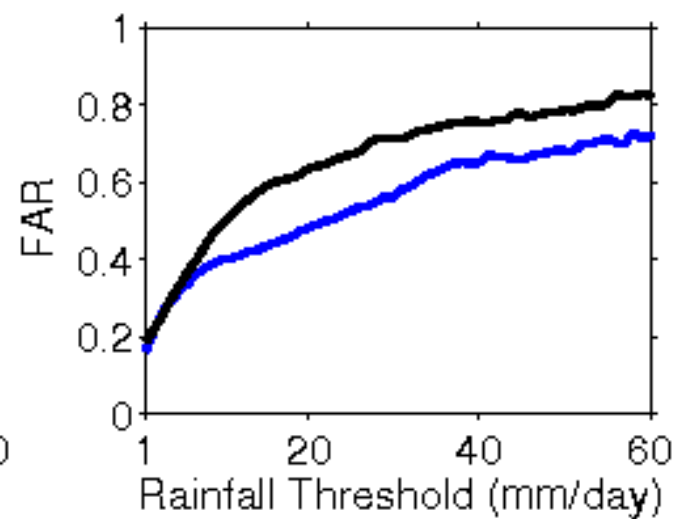
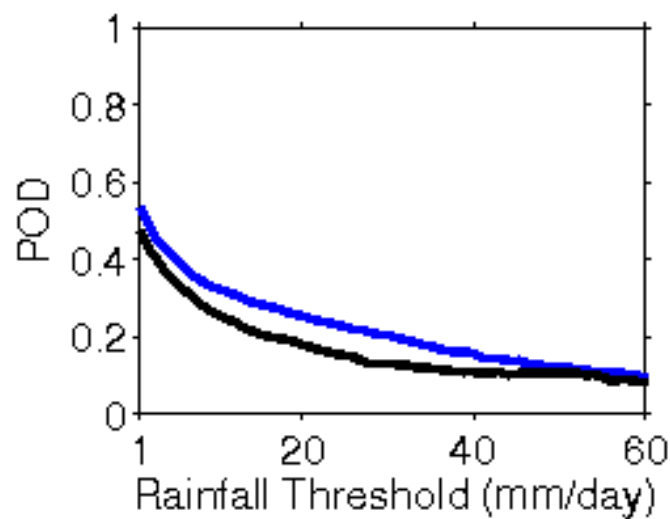
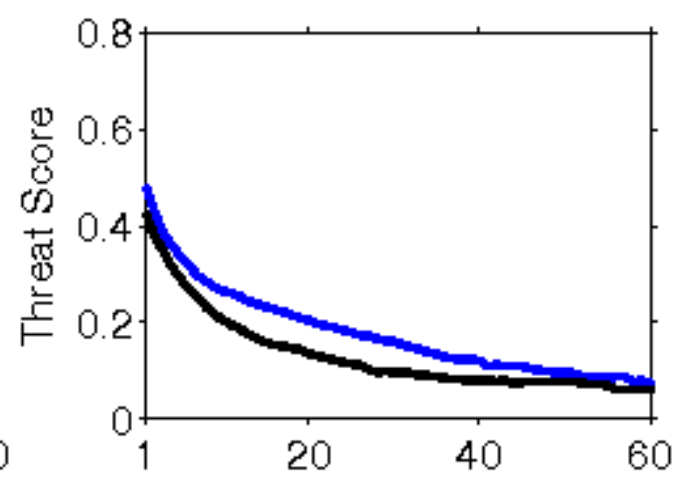
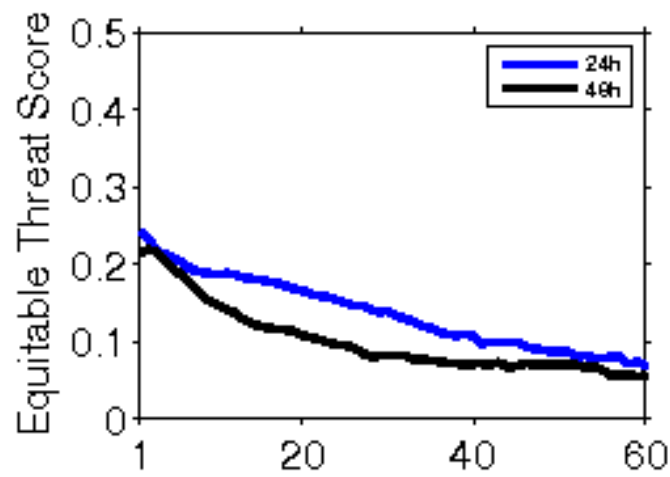
WRF Start Time  
00Z 12092019

Forecast Period  
03Z 12092019-03Z 13092019



WRF Start Time  
00Z 12092019

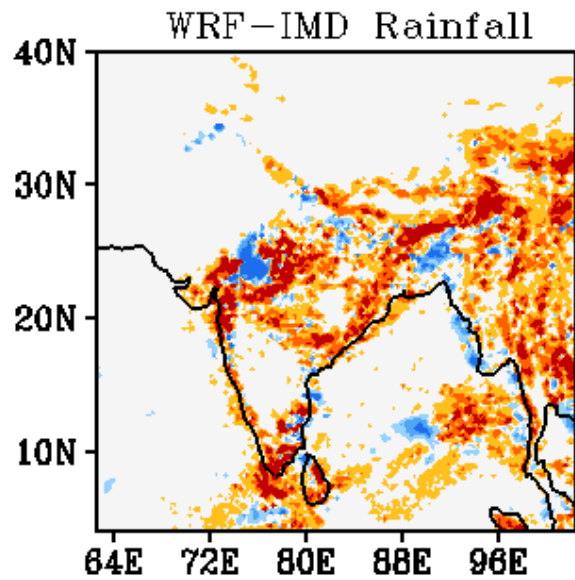
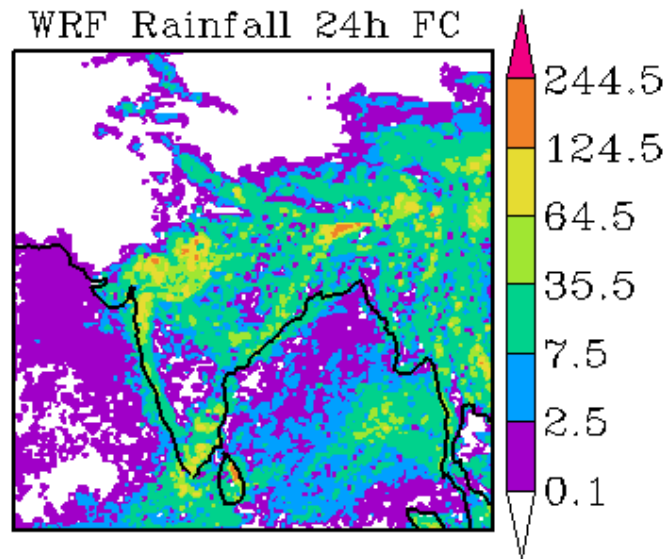
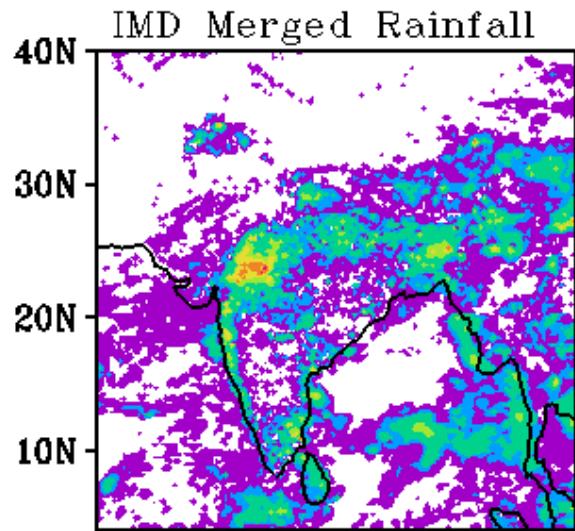
Forecast Period  
03Z 13092019-03Z 14092019





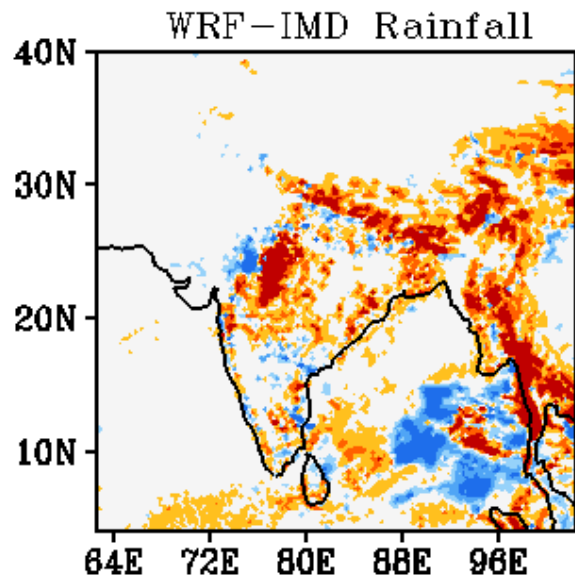
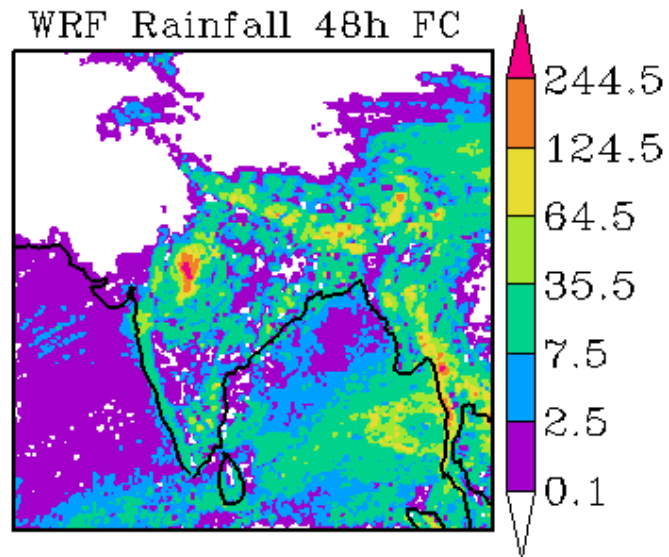
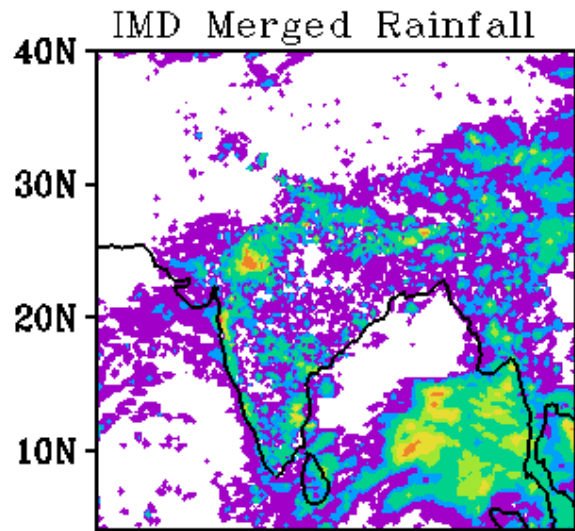
**Error Statistics in Surface Meteorological Parameter**  
**Validation Time 0000 UTC 13-09-19**  
**Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.61(-0.39)	11.62(1.25)	2.07(0.99)
<b>48 Hour</b>	1.68(-0.20)	11.74(1.19)	2.18(1.33)
<b>72 Hour</b>	1.78(-0.40)	12.09(1.39)	2.41(1.33)



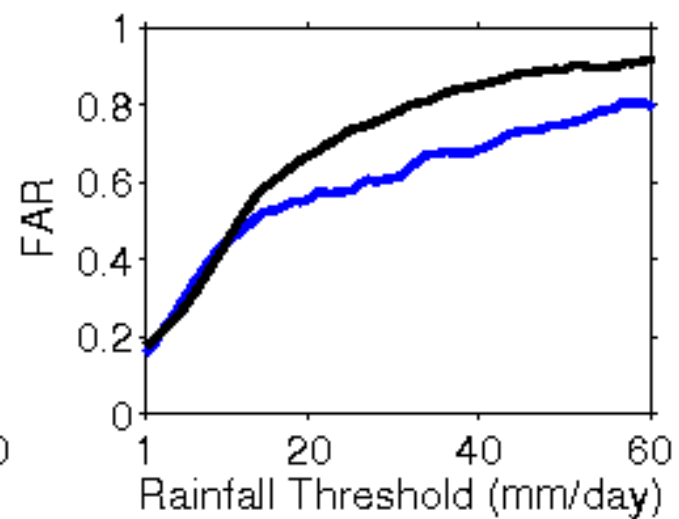
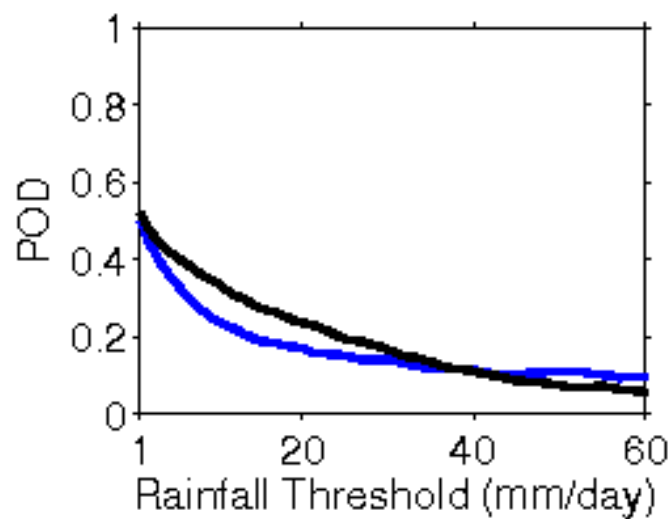
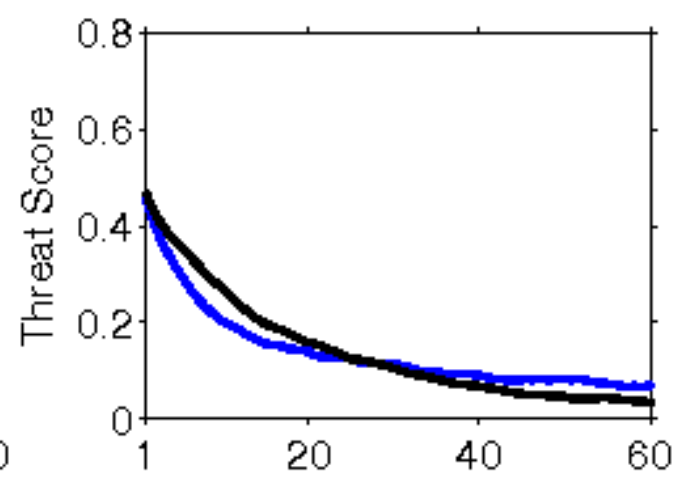
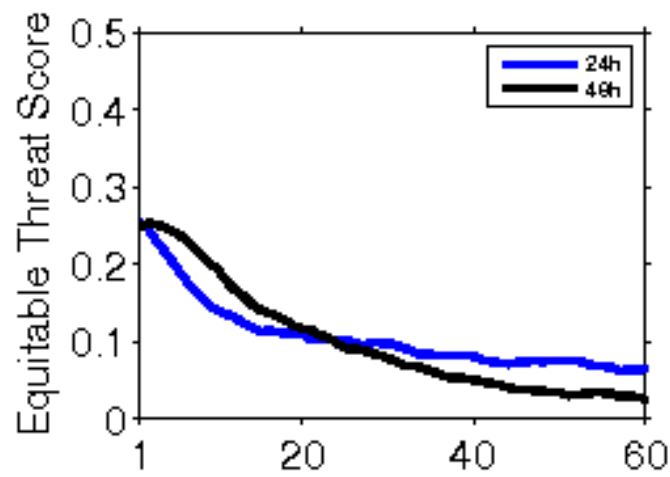
WRF Start Time  
00Z 13092019

Forecast Period  
03Z 13092019-03Z 14092019



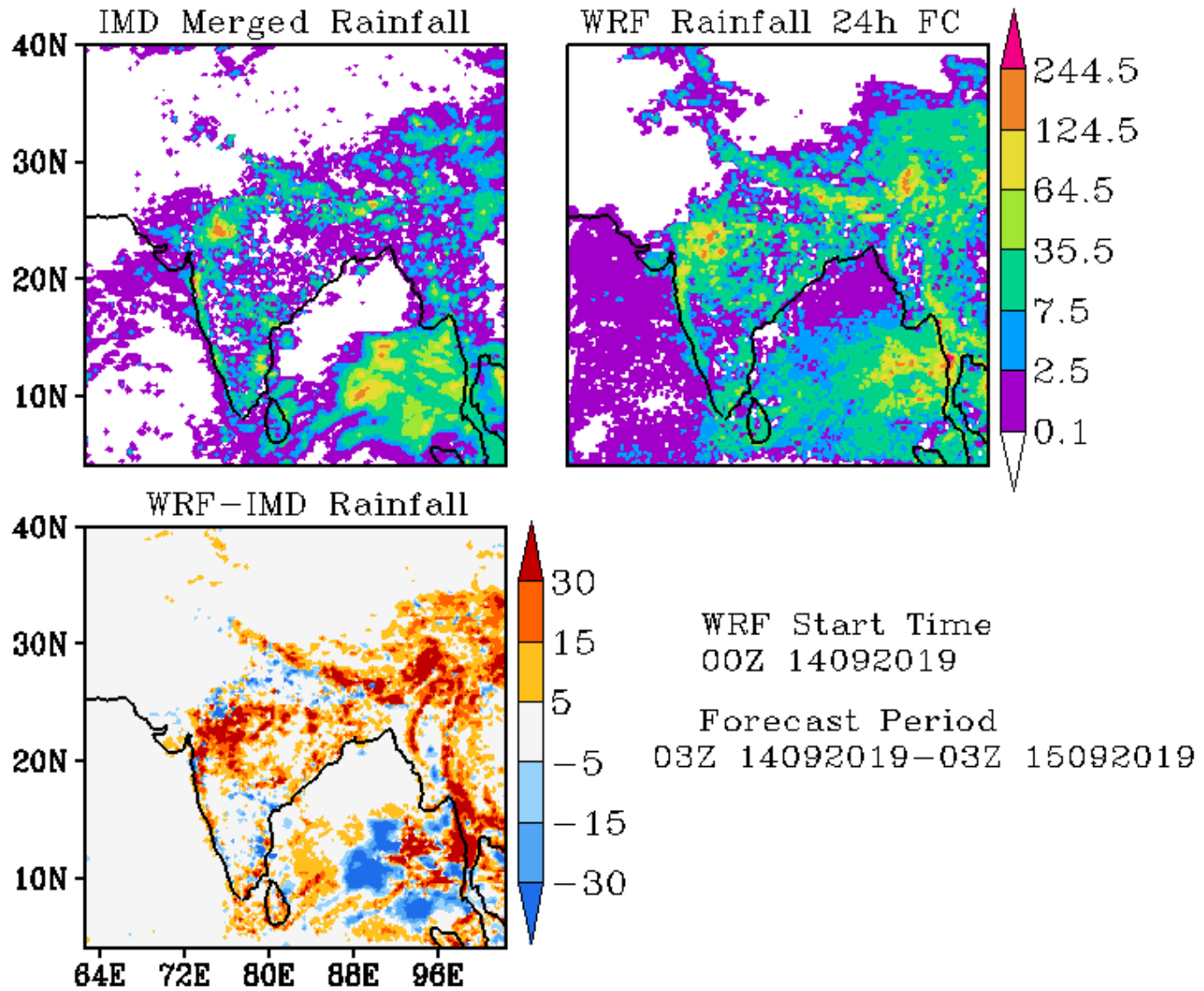
WRF Start Time  
00Z 13092019

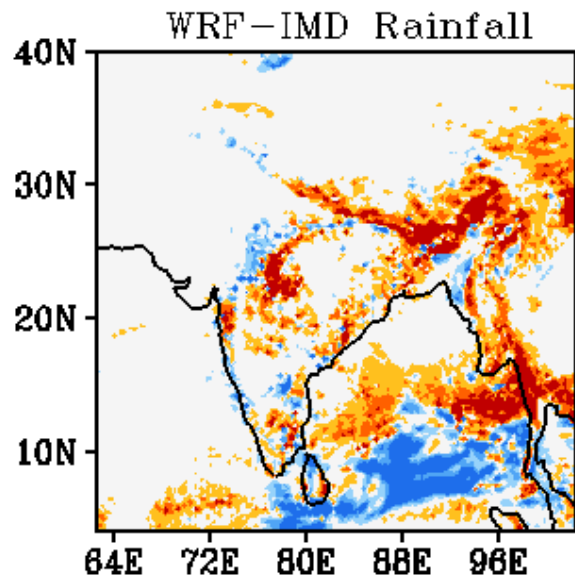
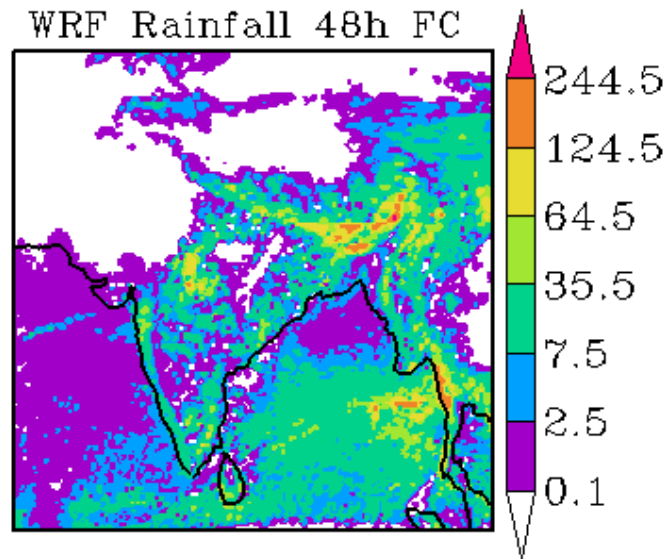
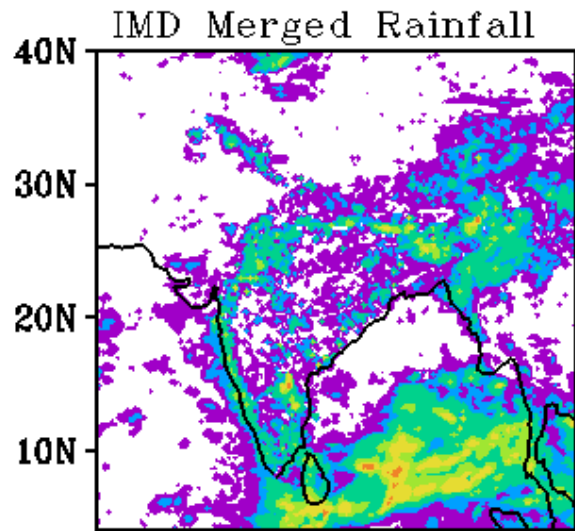
Forecast Period  
03Z 14092019-03Z 15092019



**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 14-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

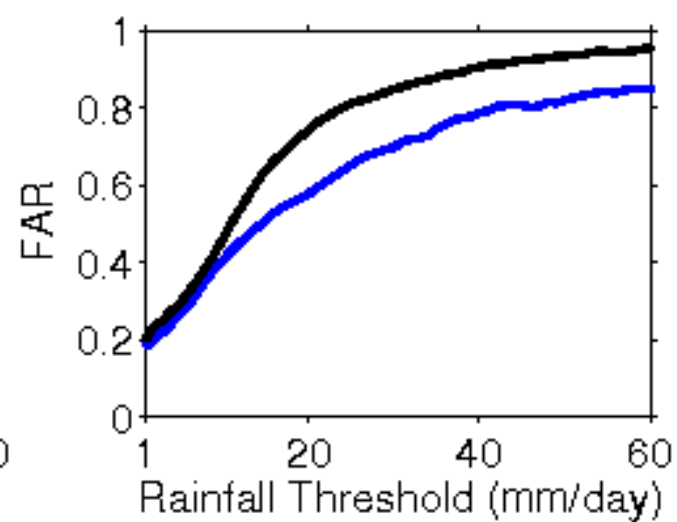
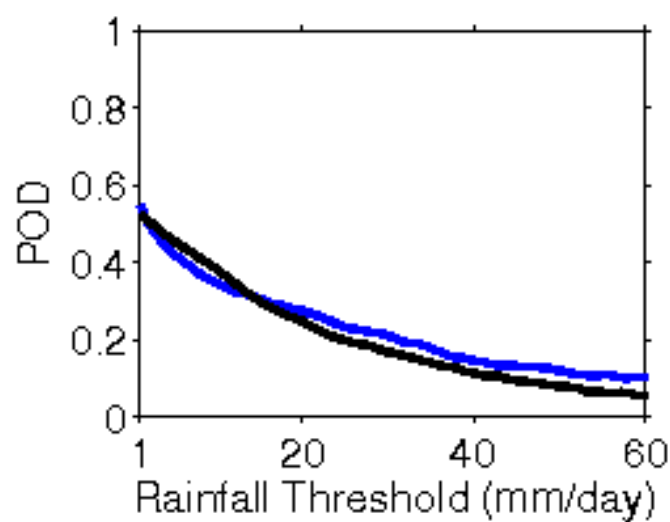
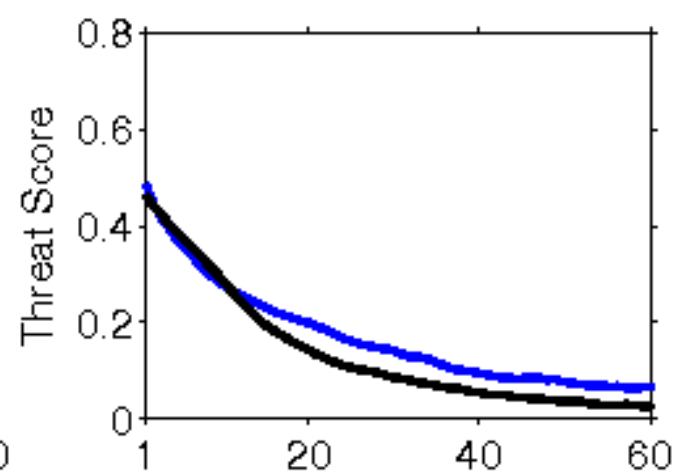
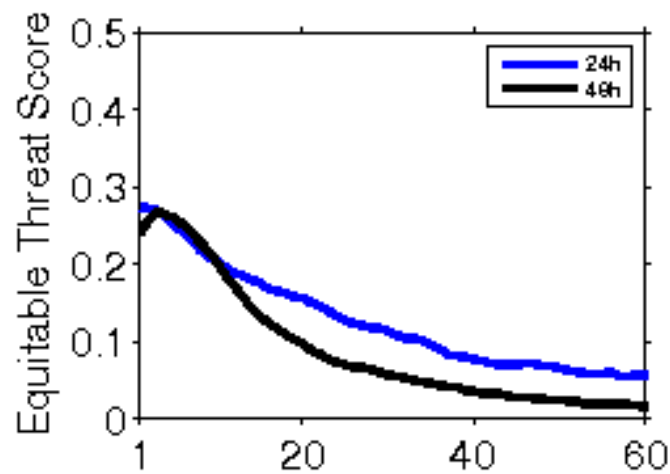
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.54(-0.26)	10.91(1.50)	1.98(1.03)
<b>48 Hour</b>	1.73(-0.16)	11.01(1.74)	2.14(1.17)
<b>72 Hour</b>	2.05(-0.16)	13.56(1.25)	2.74(1.23)





WRF Start Time  
00Z 14092019

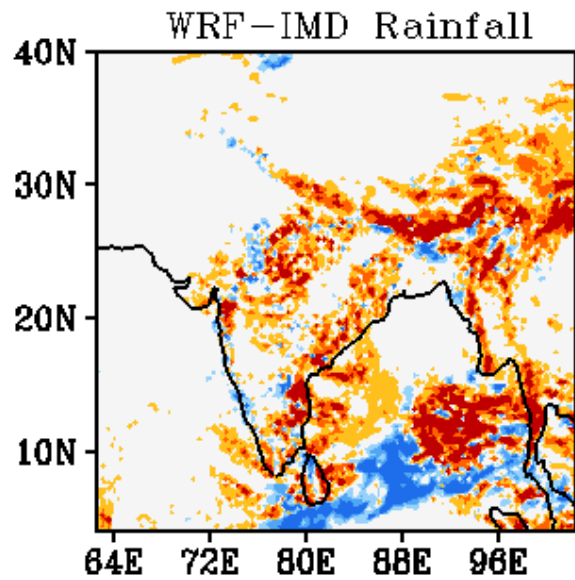
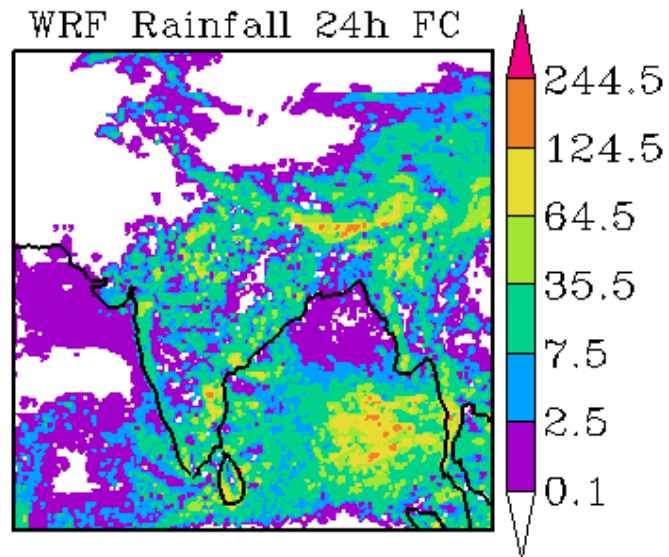
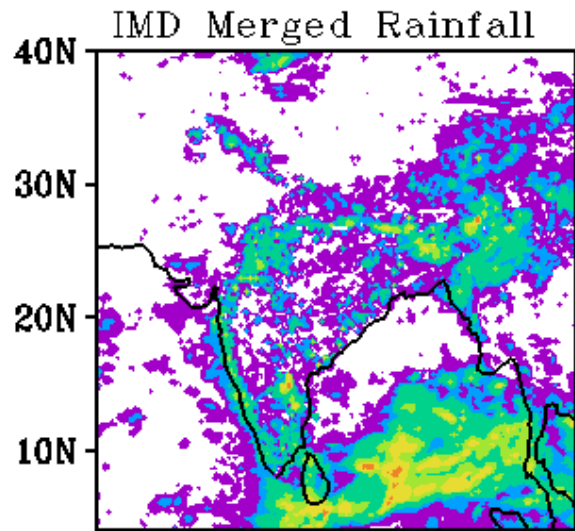
Forecast Period  
03Z 15092019-03Z 16092019





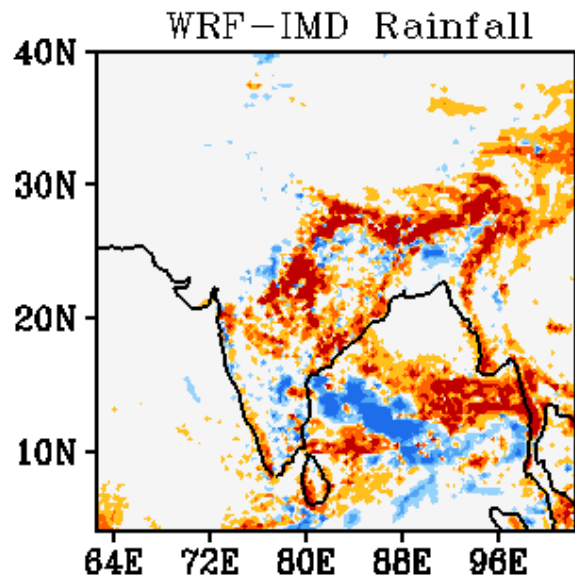
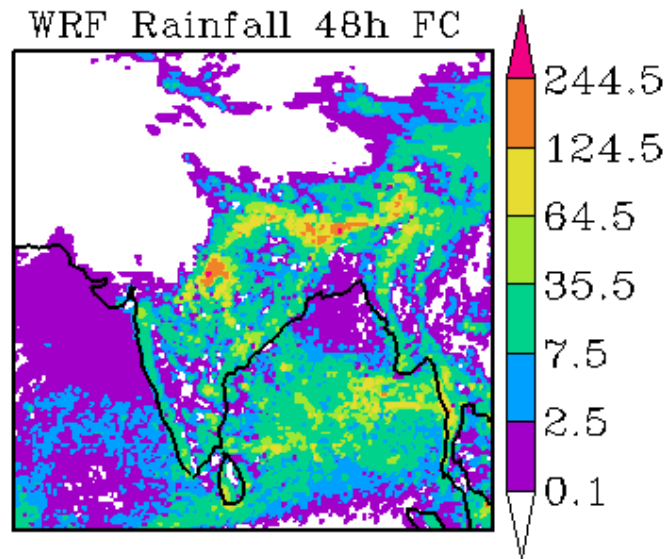
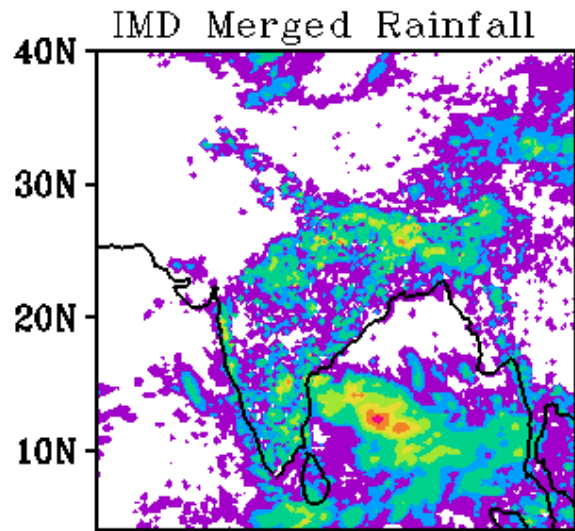
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 15-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.54(-0.27)	10.44(1.73)	2.01(1.11)
<b>48 Hour</b>	1.98(-0.20)	13.26(1.51)	2.43(1.25)
<b>72 Hour</b>	2.24(-0.05)	15.72(0.28)	2.74(1.24)



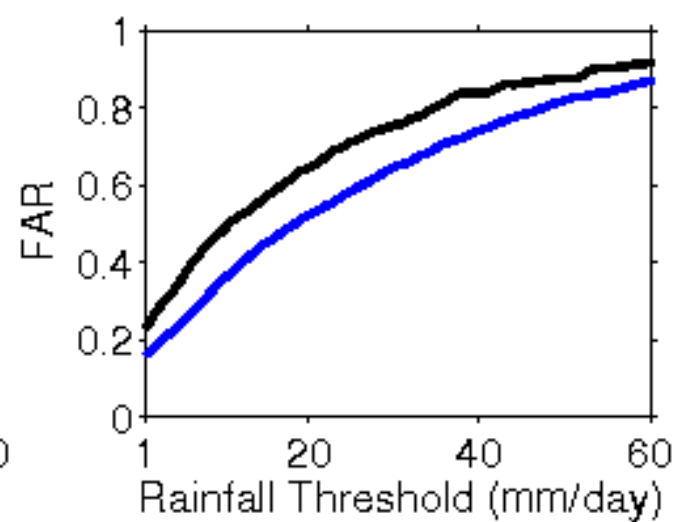
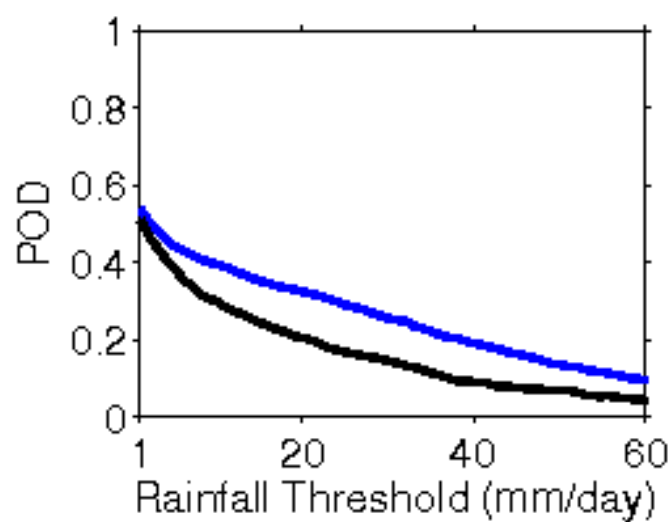
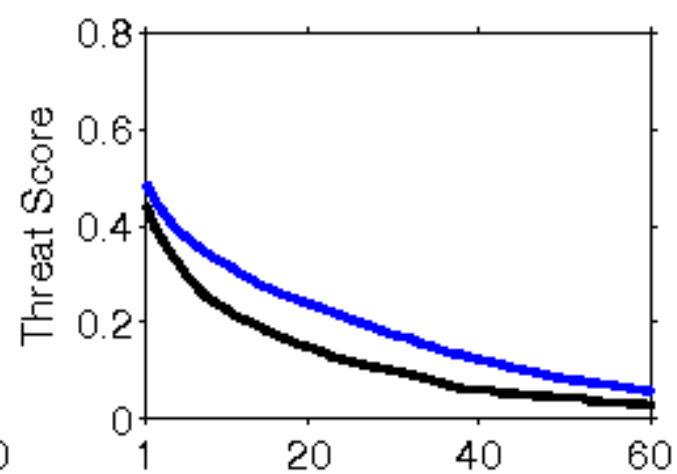
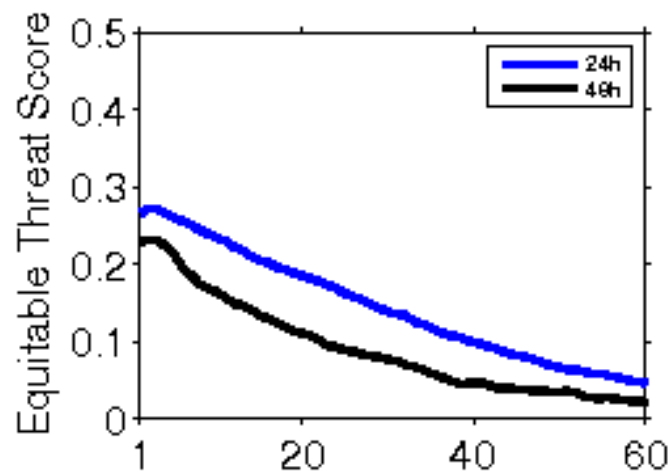
WRF Start Time  
00Z 15092019

Forecast Period  
03Z 15092019-03Z 16092019



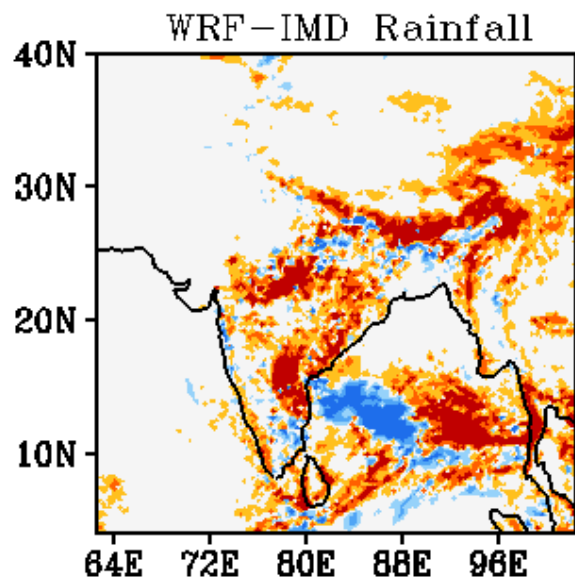
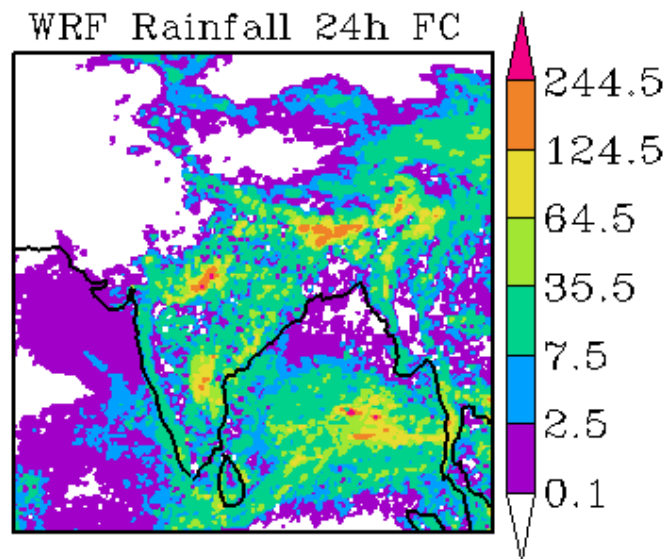
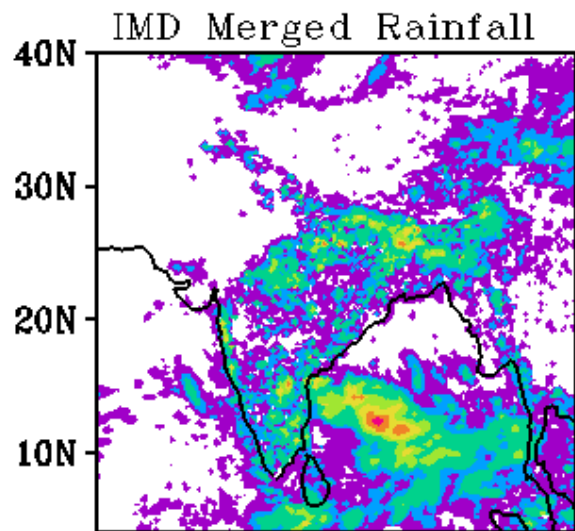
WRF Start Time  
00Z 15092019

Forecast Period  
03Z 16092019-03Z 17092019



**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 16-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

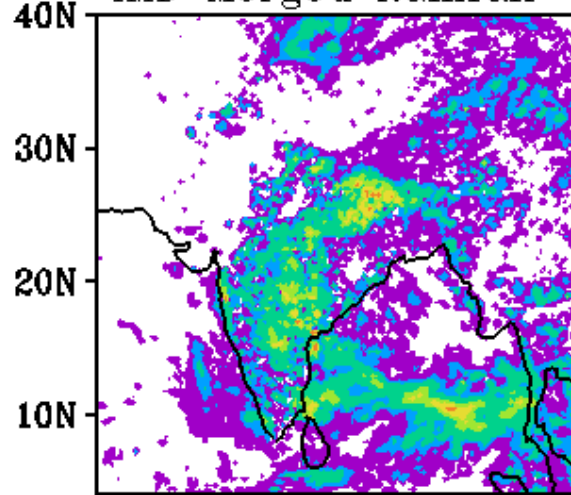
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.58(-0.17)	10.90(1.31)	2.23(1.16)
<b>48 Hour</b>	1.88(-0.02)	13.13(0.02)	2.48(1.30)
<b>72 Hour</b>	2.09(0.02)	14.28(0.52)	2.37(1.49)



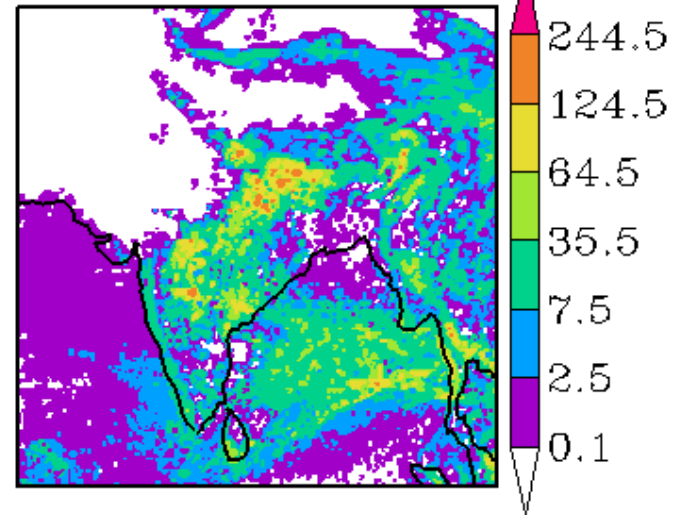
WRF Start Time  
00Z 16092019

Forecast Period  
03Z 16092019-03Z 17092019

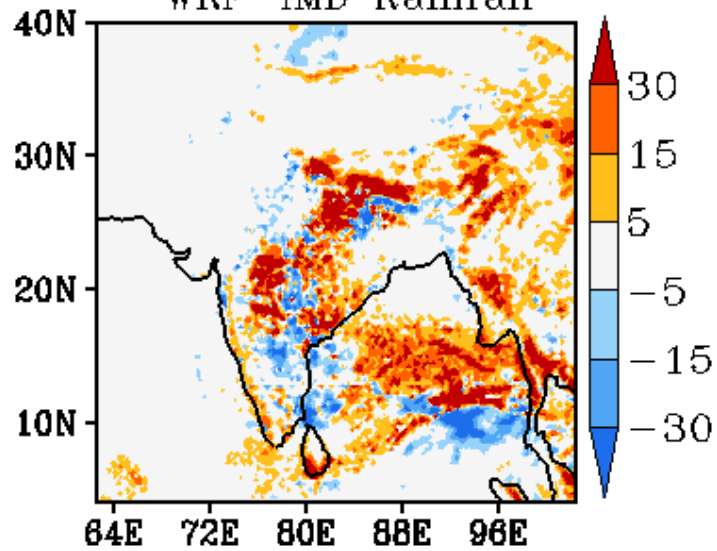
IMD Merged Rainfall



WRF Rainfall 48h FC

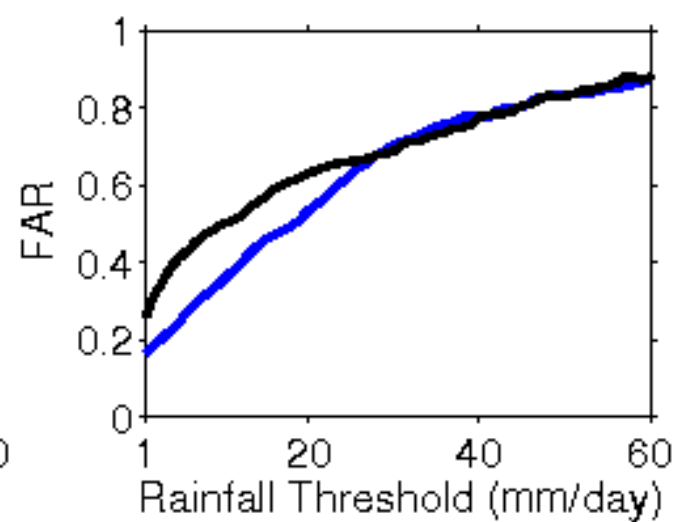
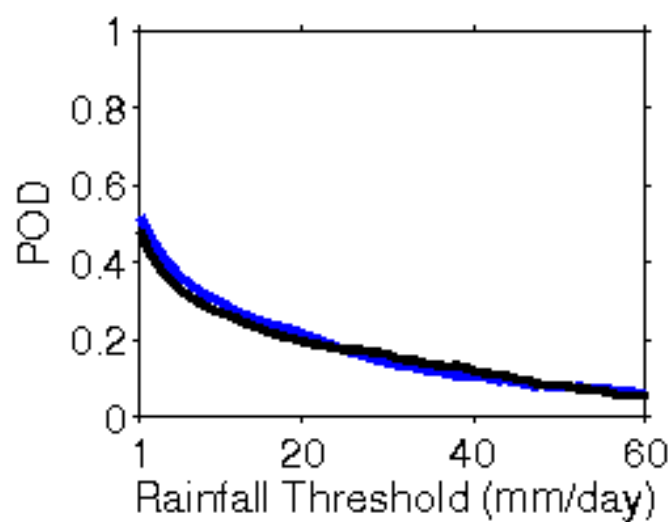
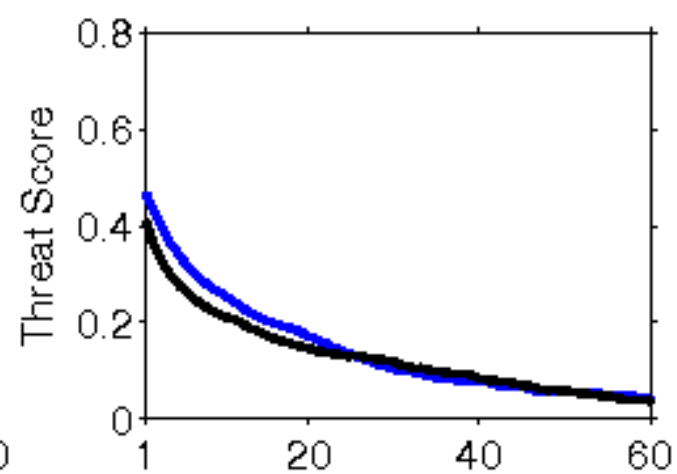
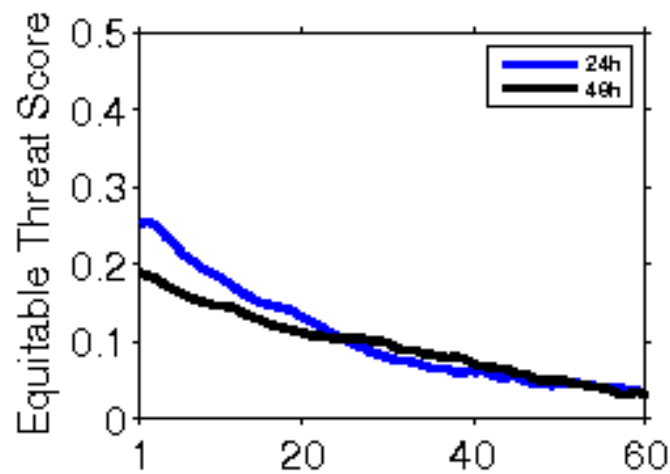


WRF-IMD Rainfall



WRF Start Time  
00Z 16092019

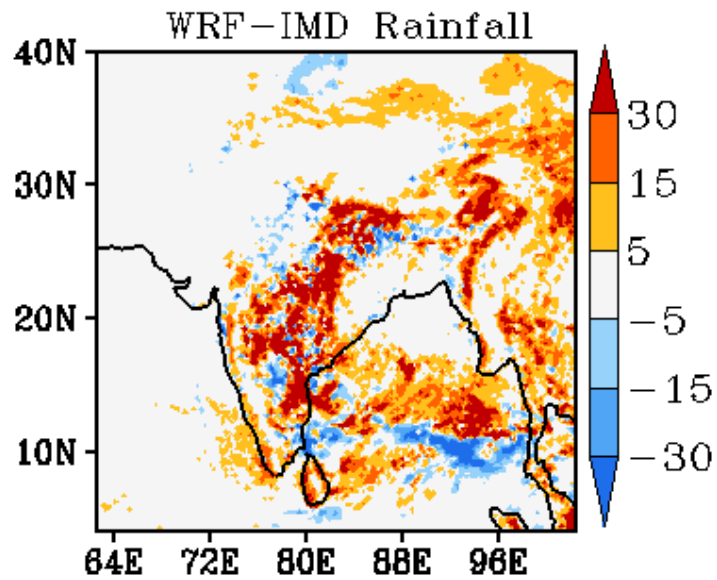
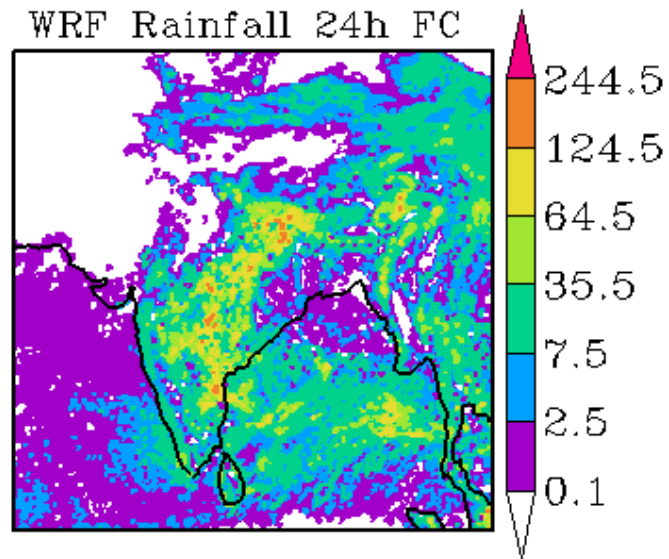
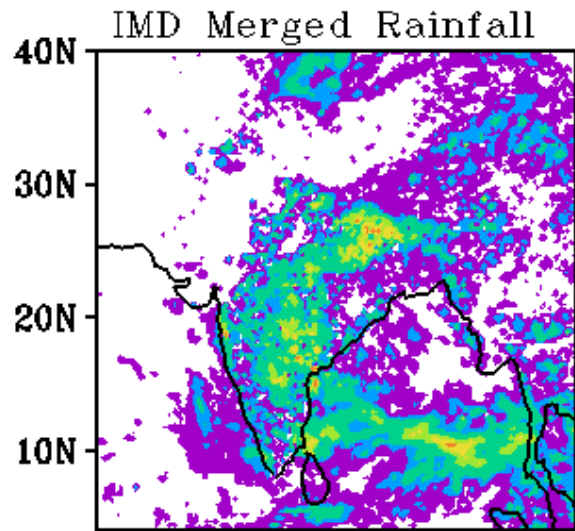
Forecast Period  
03Z 17092019-03Z 18092019





**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 17-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

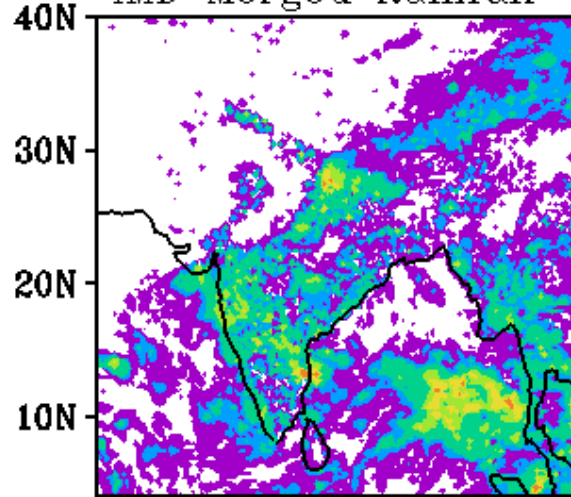
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.59(-0.15)	11.04(1.35)	2.41(1.35)
<b>48 Hour</b>	1.82(0.03)	13.81(-0.48)	2.22(1.45)
<b>72 Hour</b>	2.26(0.09)	16.30(-0.92)	2.26(1.57)



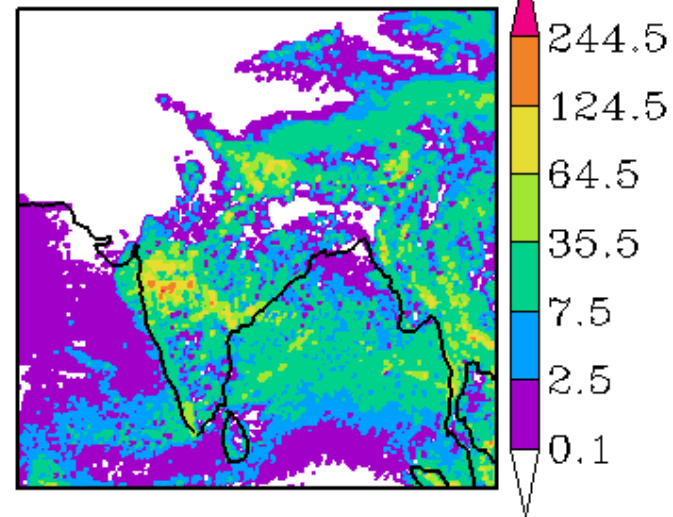
WRF Start Time  
00Z 17092019

Forecast Period  
03Z 17092019-03Z 18092019

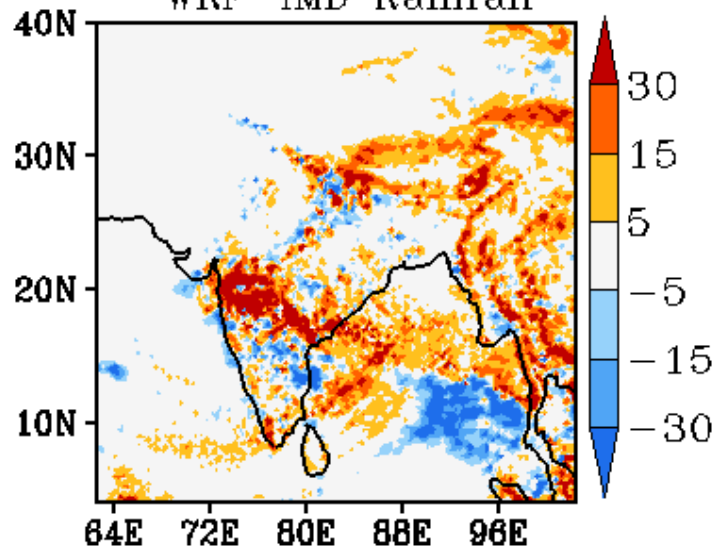
IMD Merged Rainfall



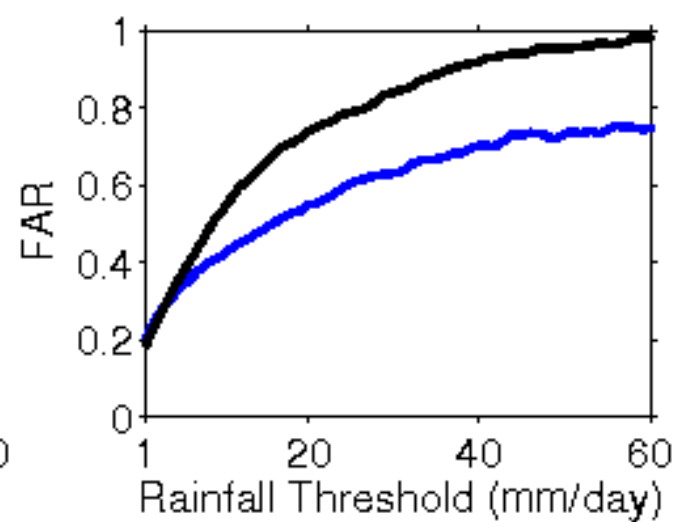
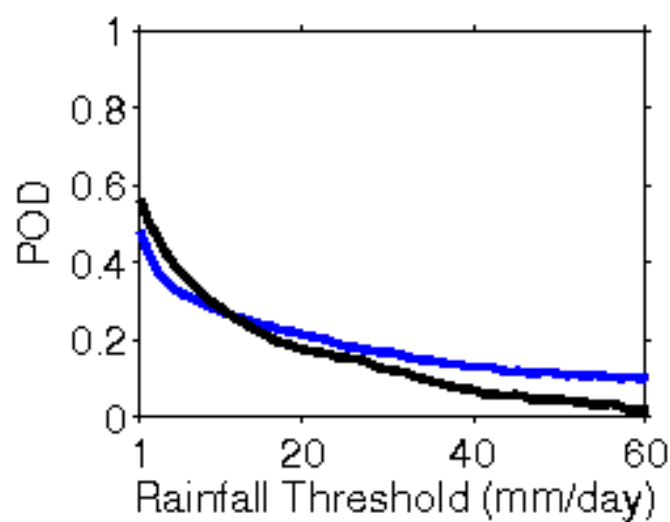
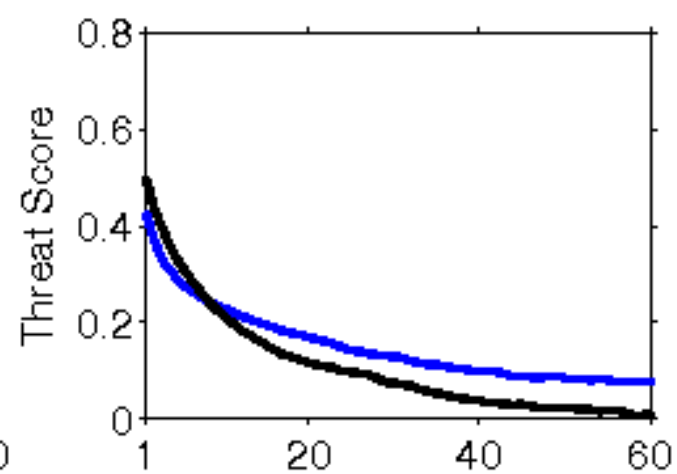
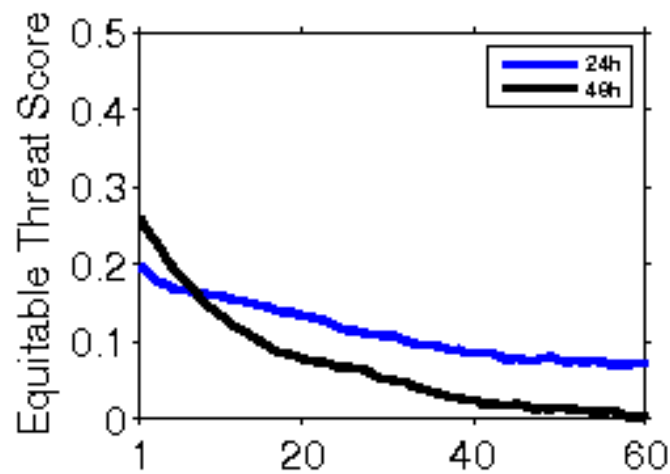
WRF Rainfall 48h FC



WRF-IMD Rainfall



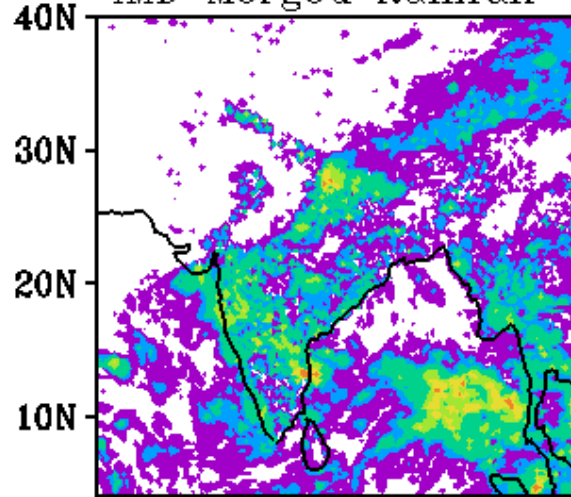
WRF Start Time  
00Z 17092019  
Forecast Period  
03Z 18092019-03Z 19092019



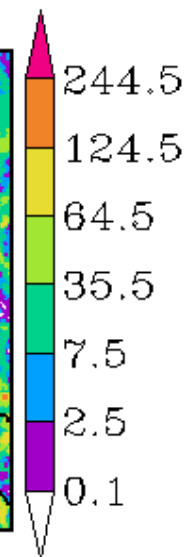
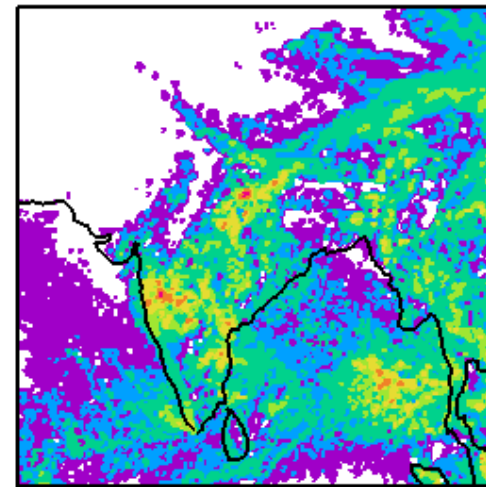
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 18-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.52(-0.17)	11.12(1.41)	2.30(1.20)
<b>48 Hour</b>	1.96(0.09)	13.03(1.05)	2.29(1.13)
<b>72 Hour</b>	2.26(0.24)	14.16(0.93)	2.34(1.30)

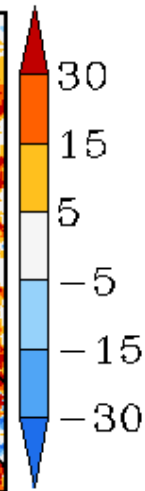
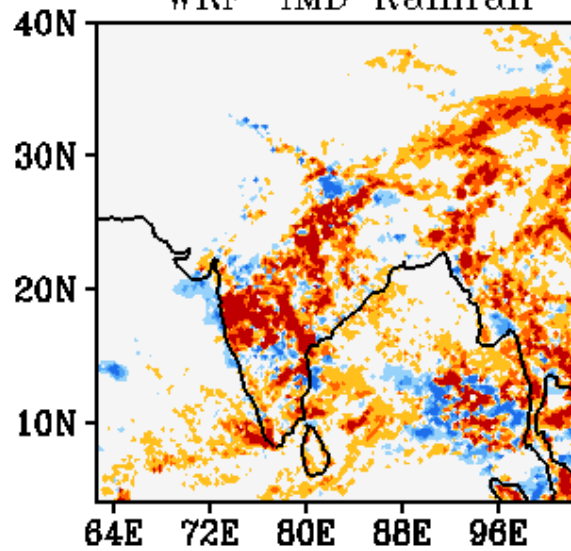
IMD Merged Rainfall



WRF Rainfall 24h FC

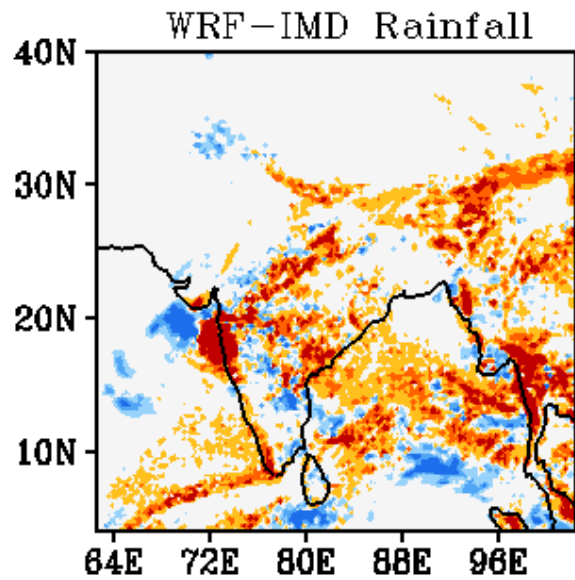
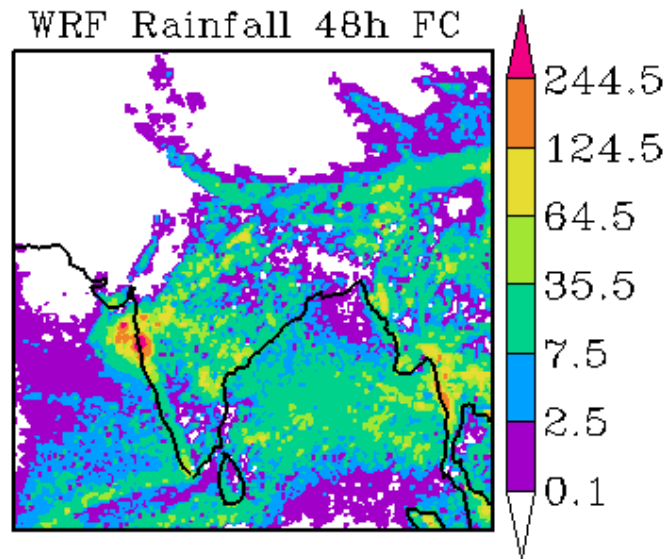
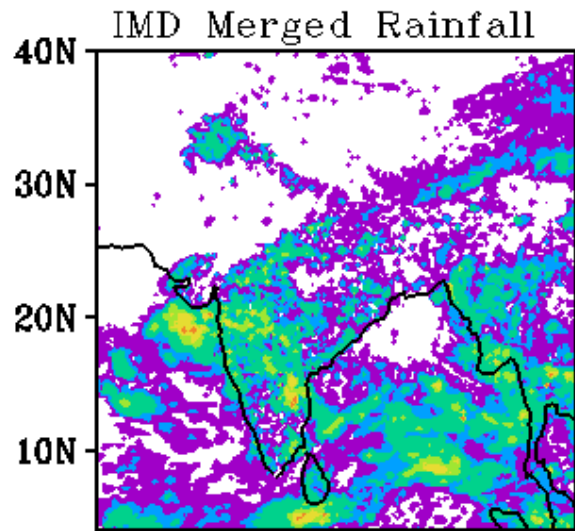


WRF-IMD Rainfall



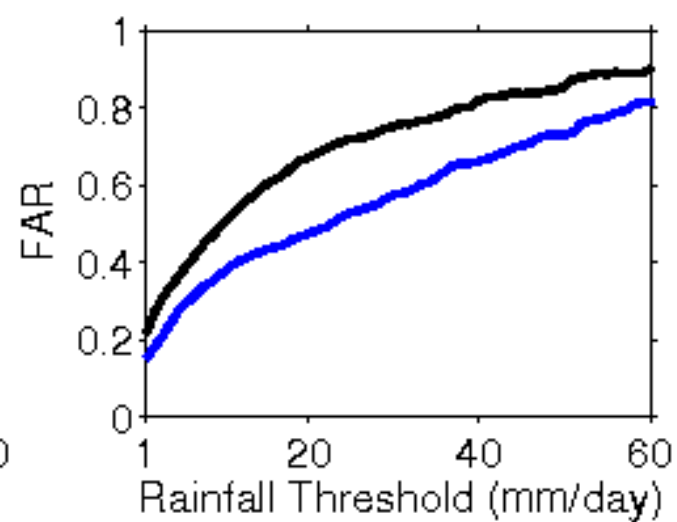
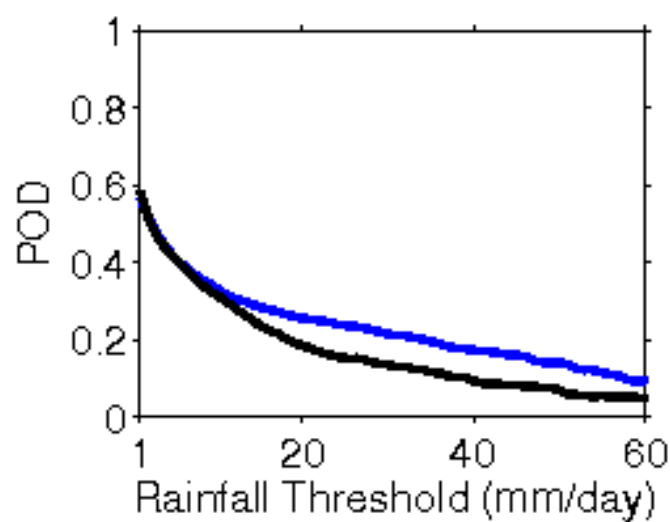
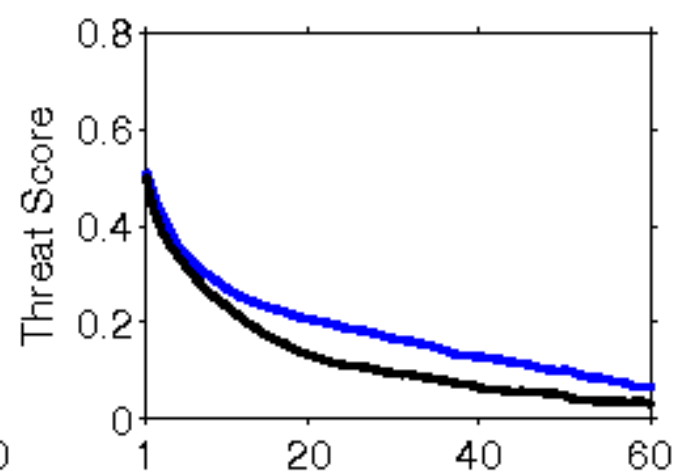
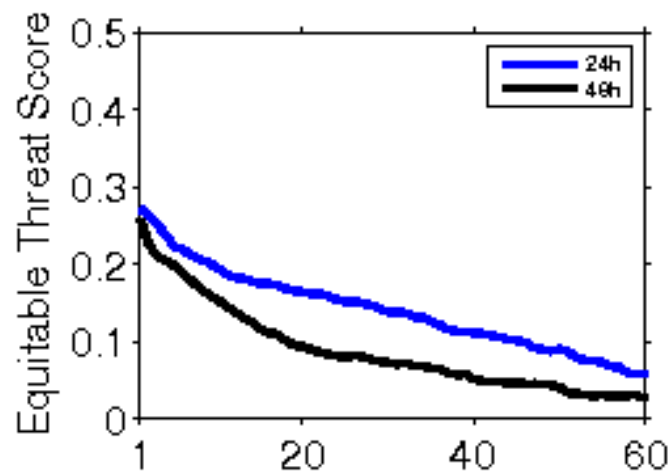
WRF Start Time  
00Z 18092019

Forecast Period  
03Z 18092019-03Z 19092019



WRF Start Time  
00Z 18092019

Forecast Period  
03Z 19092019-03Z 20092019

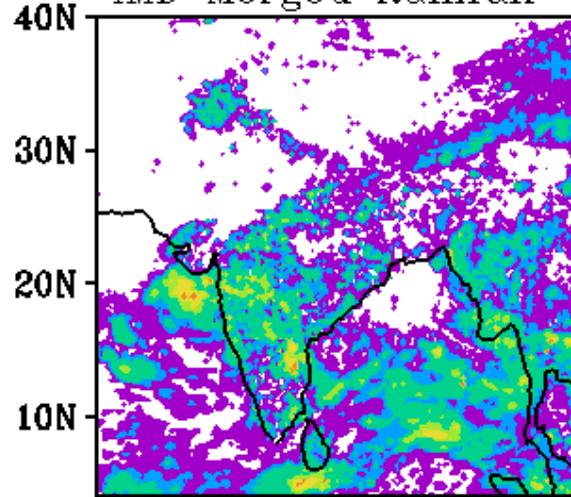




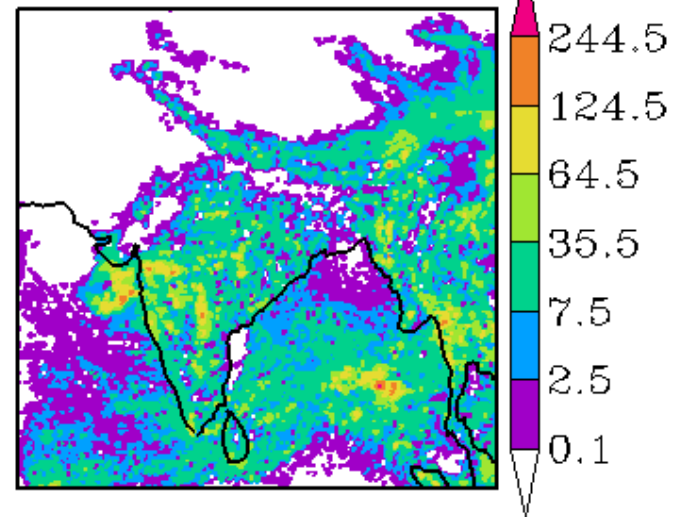
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 19-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.47(-0.03)	10.46(1.72)	2.17(1.18)
<b>48 Hour</b>	1.88(0.03)	13.52(2.00)	2.50(1.28)
<b>72 Hour</b>	1.81(0.16)	15.17(1.12)	2.62(1.44)

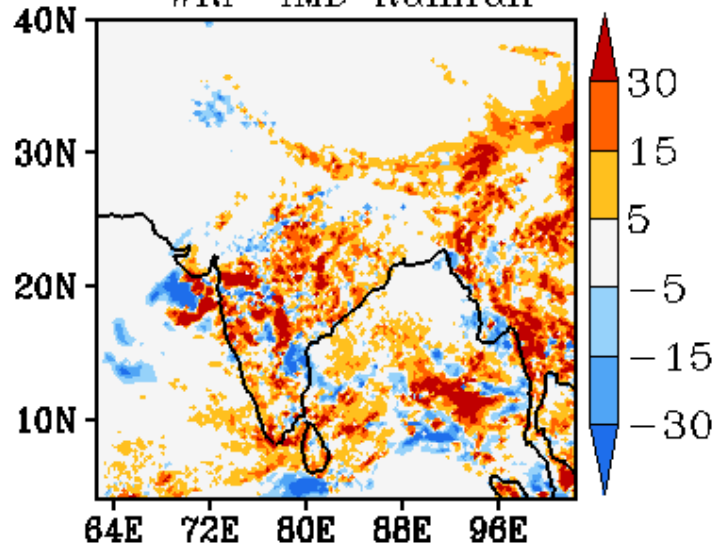
IMD Merged Rainfall



WRF Rainfall 24h FC

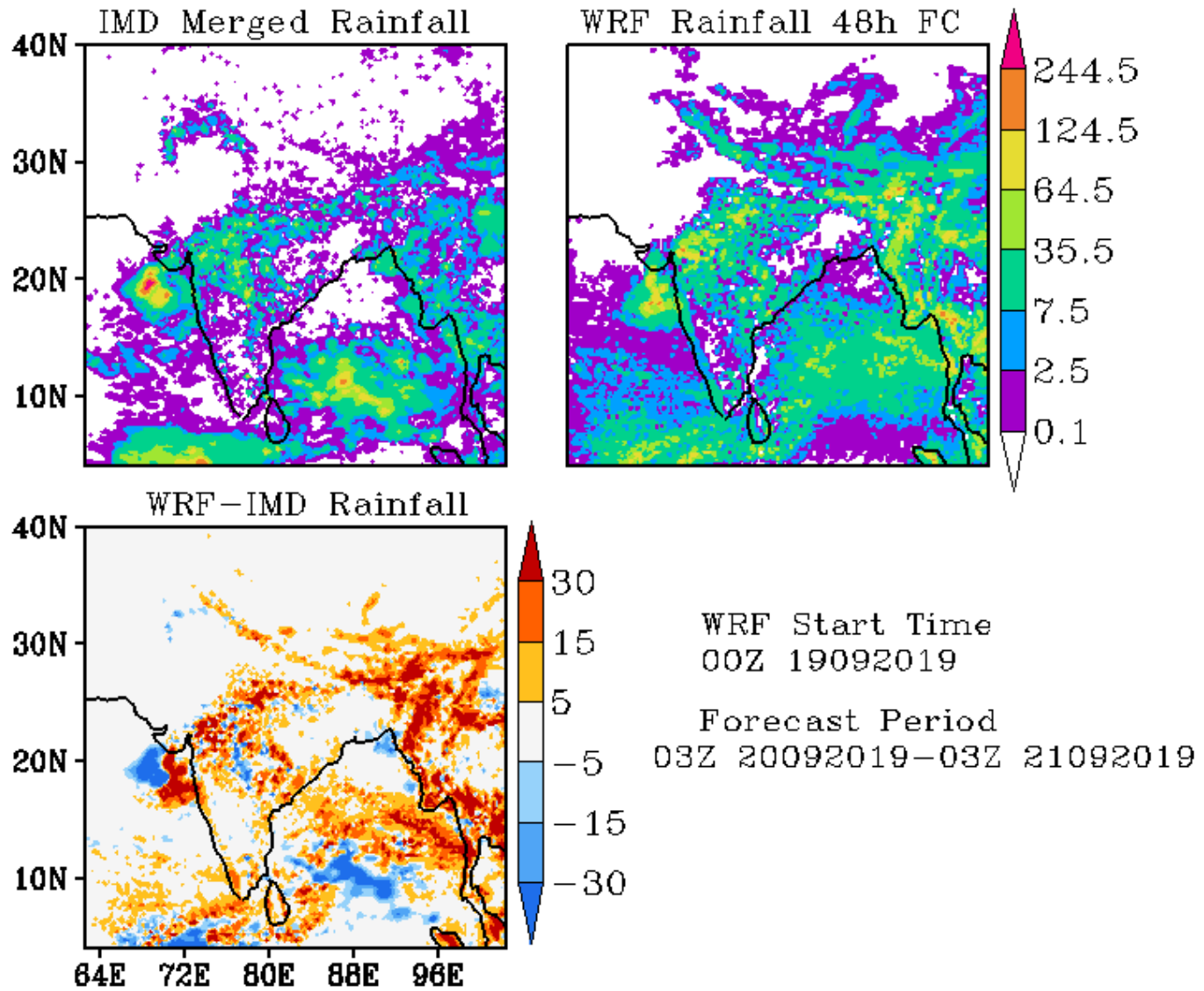


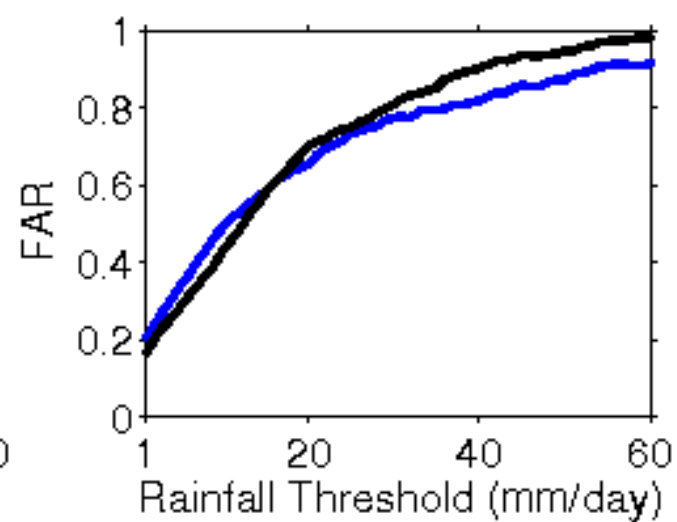
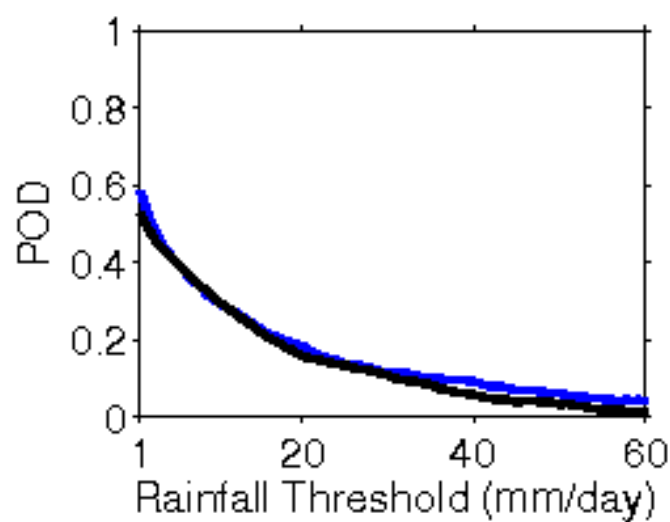
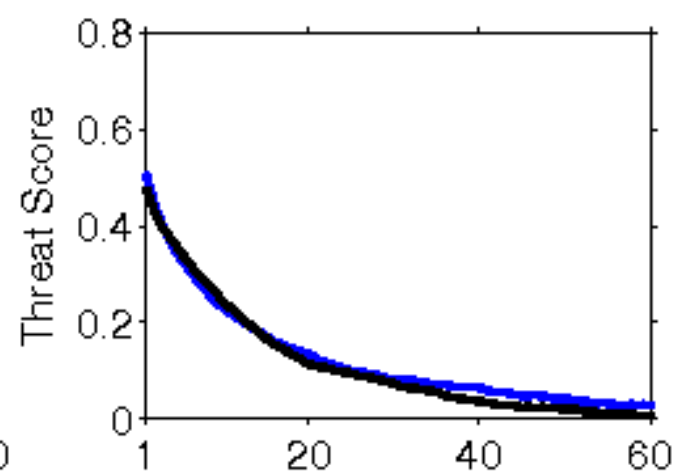
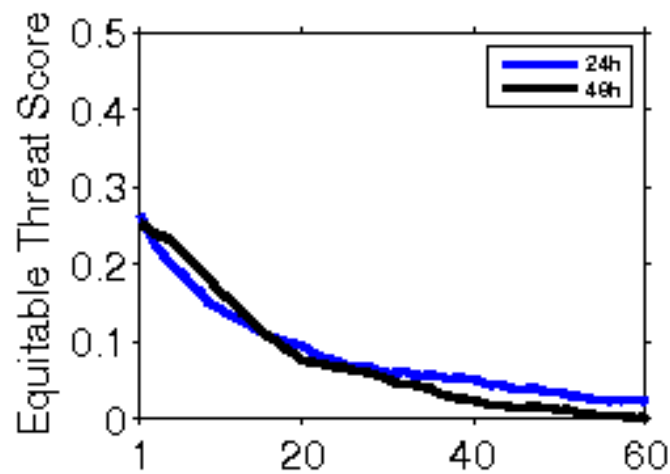
WRF-IMD Rainfall



WRF Start Time  
00Z 19092019

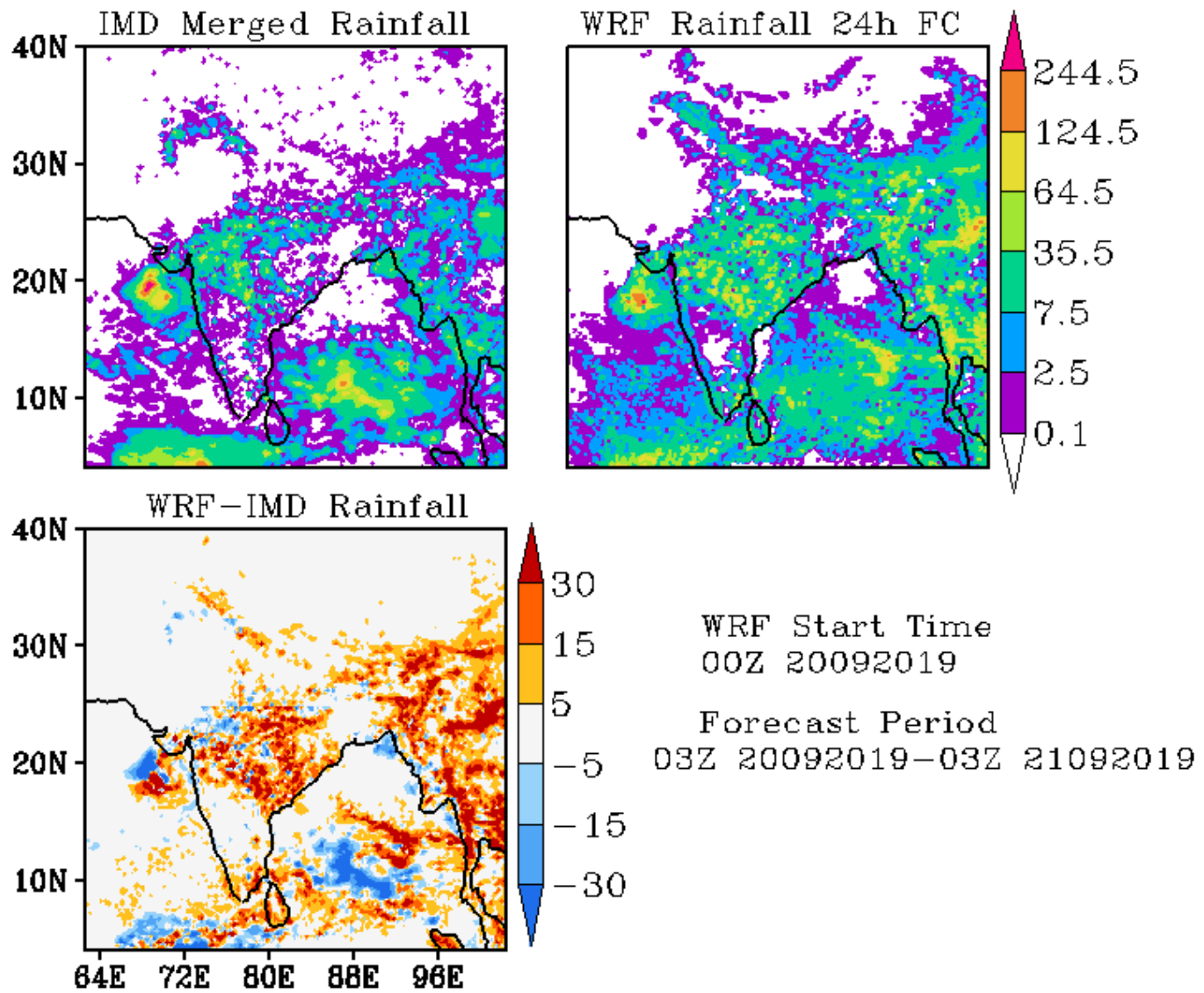
Forecast Period  
03Z 19092019-03Z 20092019

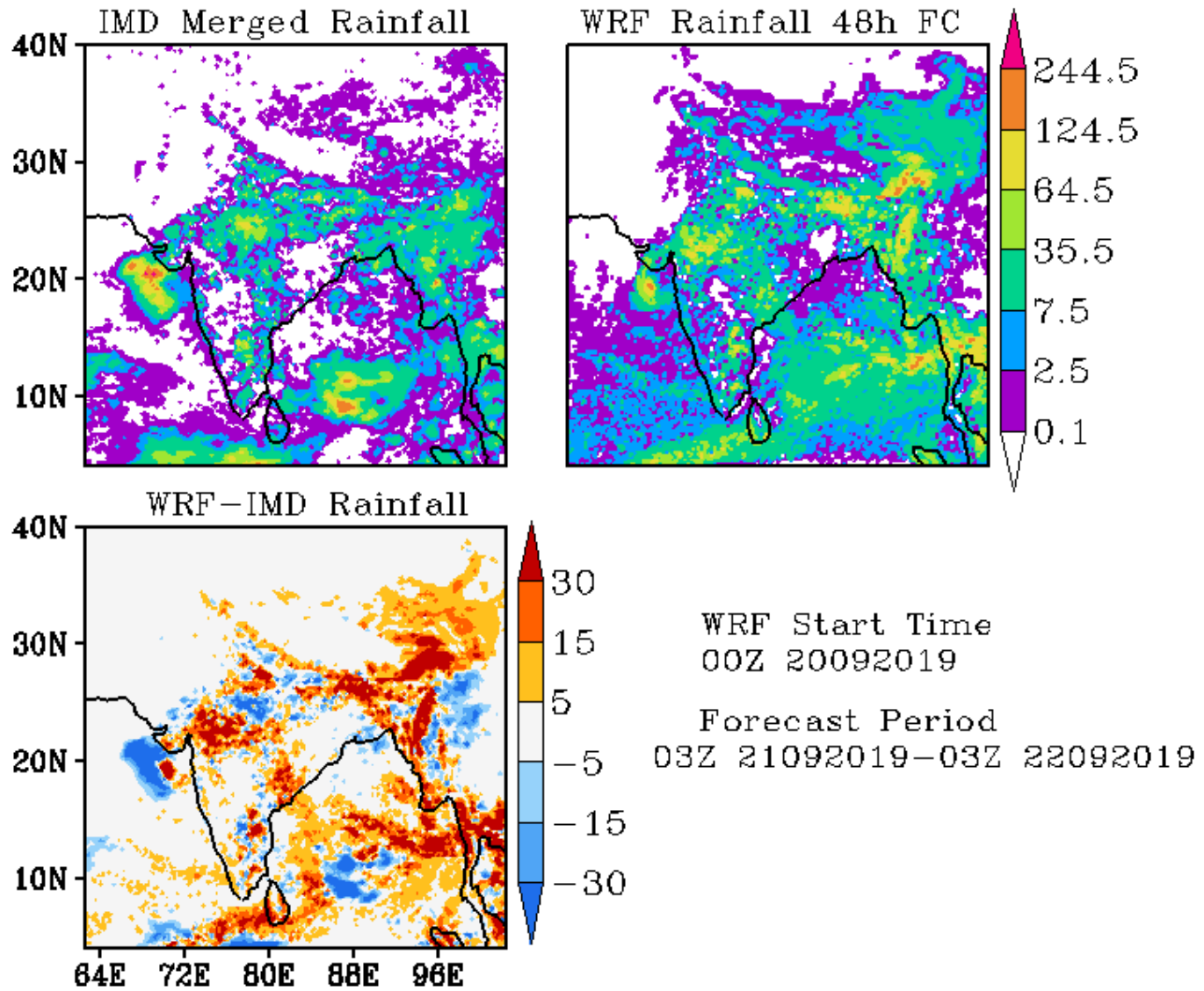


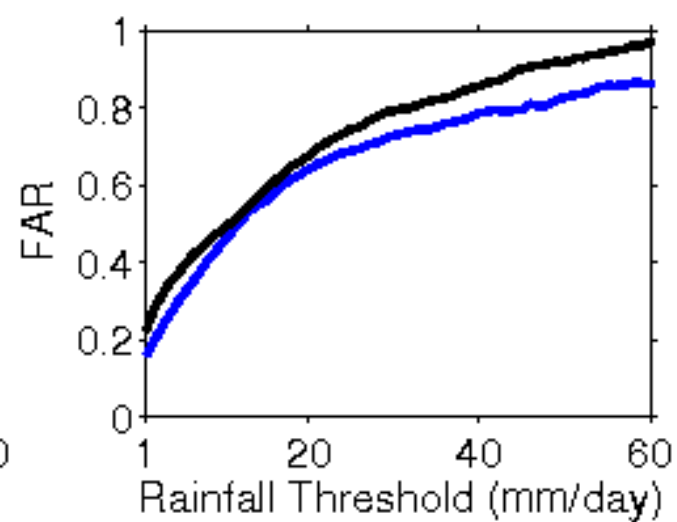
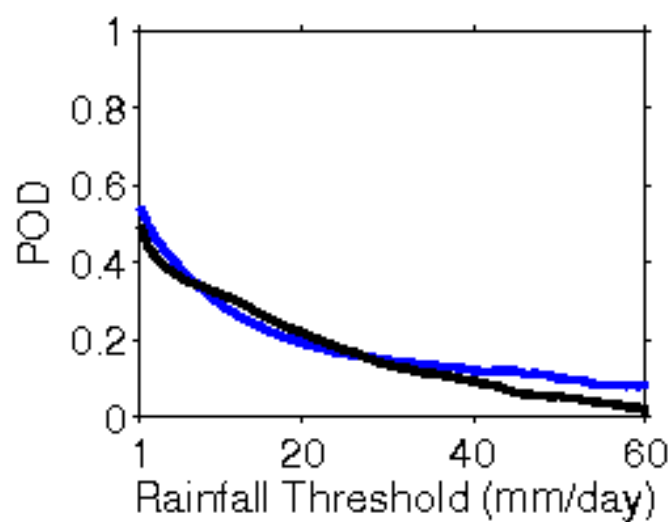
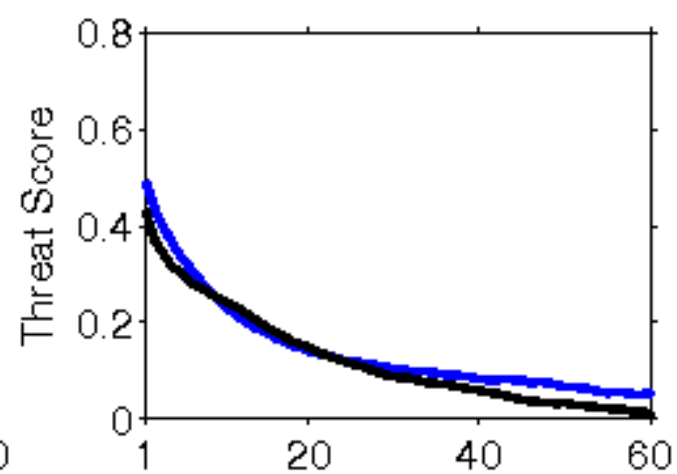
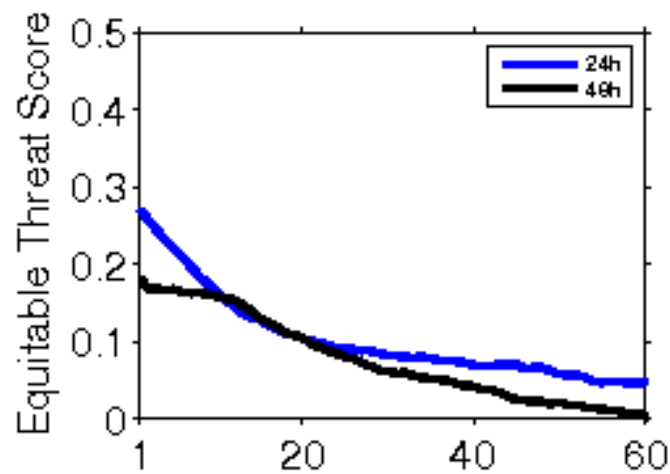


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 20-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.37(0.15)	11.07(2.70)	1.89(0.85)
<b>48 Hour</b>	1.75(0.27)	14.19(2.38)	2.14(1.34)
<b>72 Hour</b>	1.65(0.31)	14.97(2.59)	2.33(1.14)



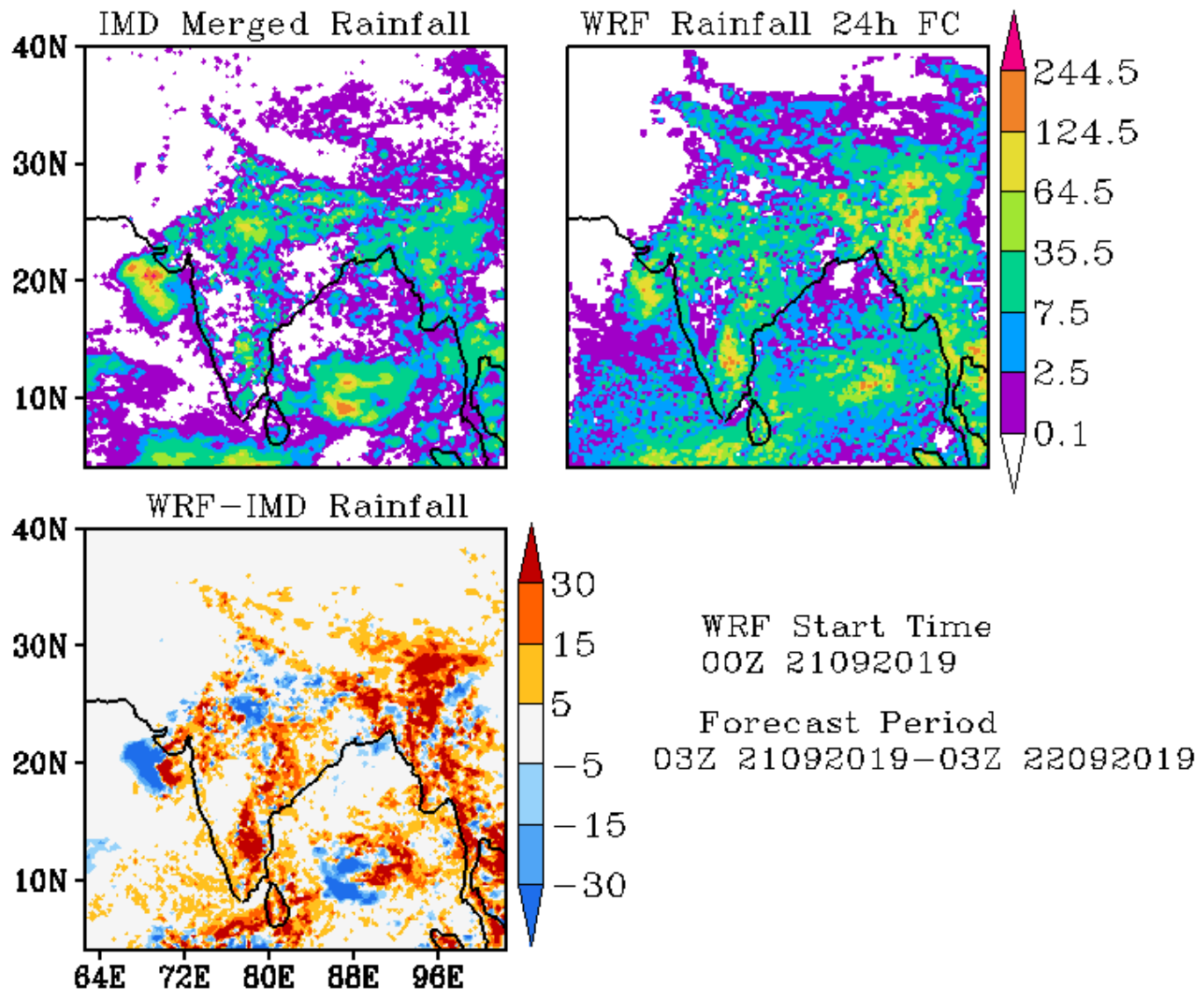


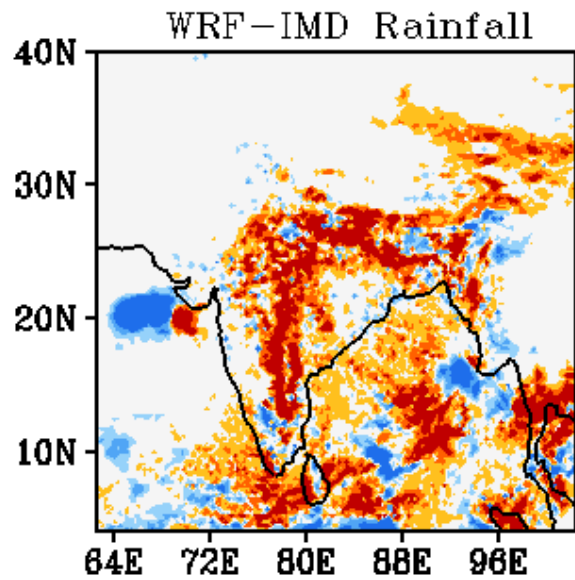
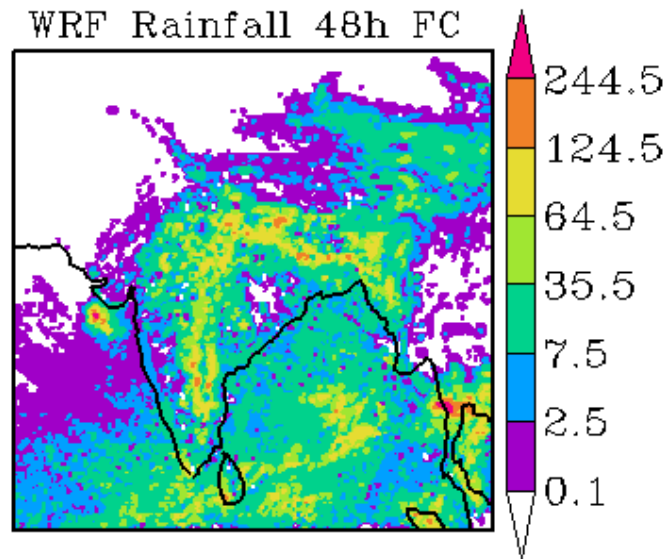
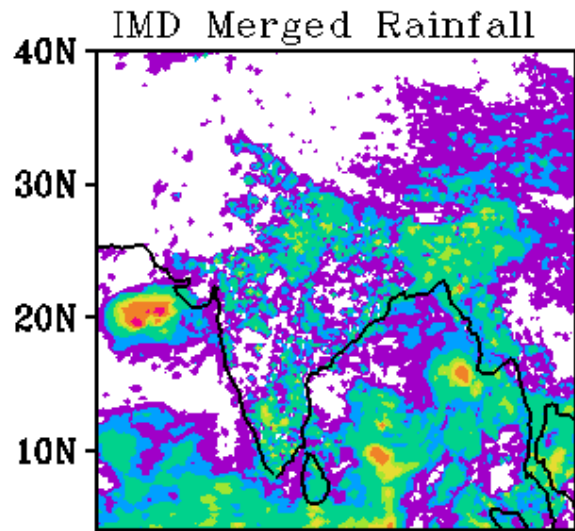




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 21-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

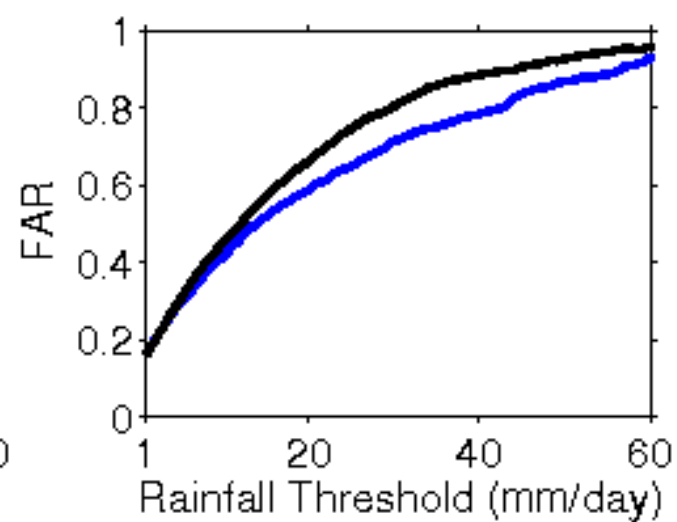
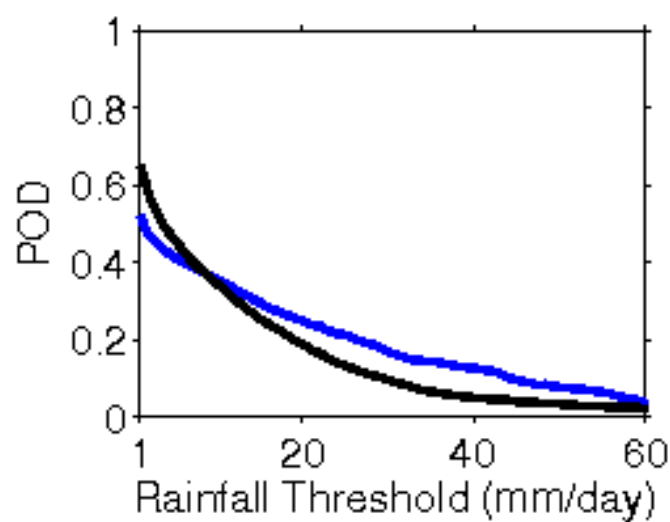
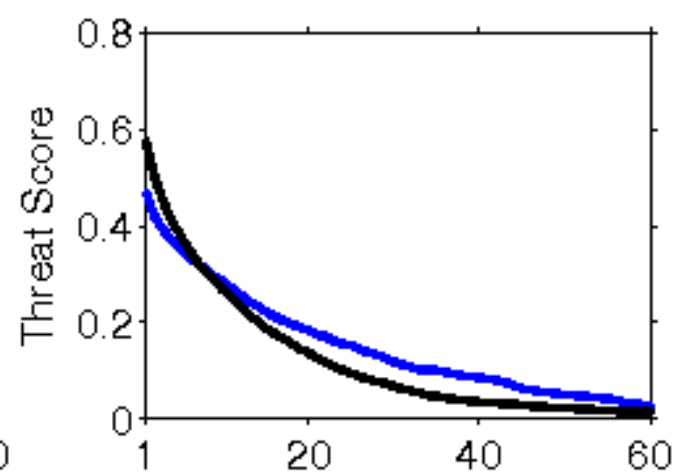
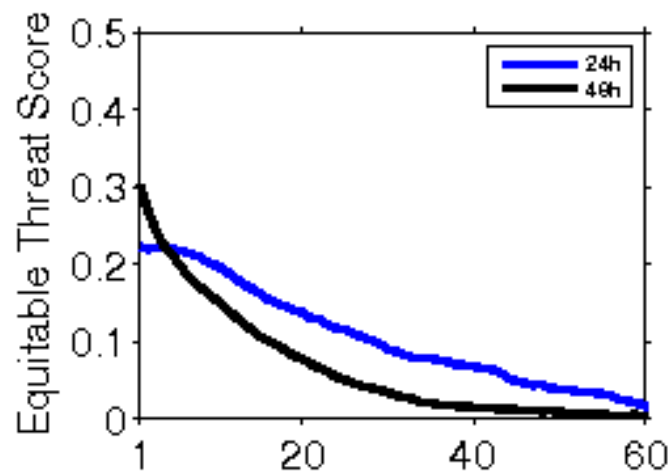
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.35(-0.07)	11.33(4.04)	2.03(1.04)
<b>48 Hour</b>	1.53(0.23)	14.03(3.90)	2.17(1.47)
<b>72 Hour</b>	1.75(0.23)	15.25(3.39)	2.81(1.81)





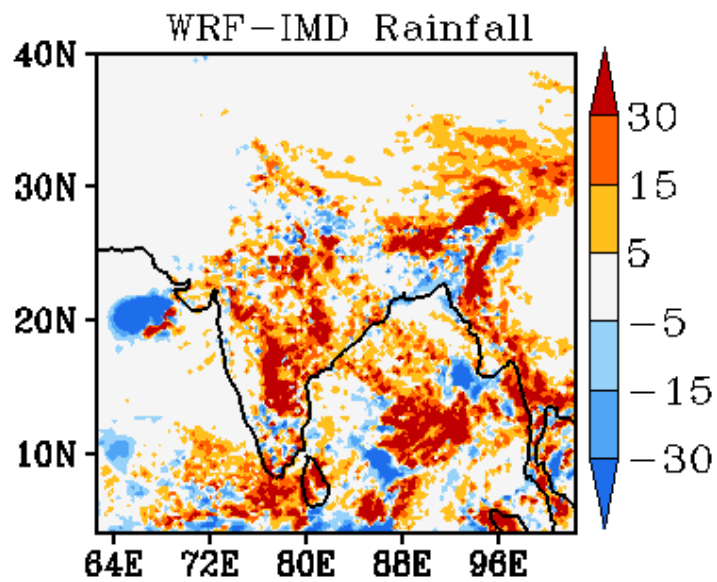
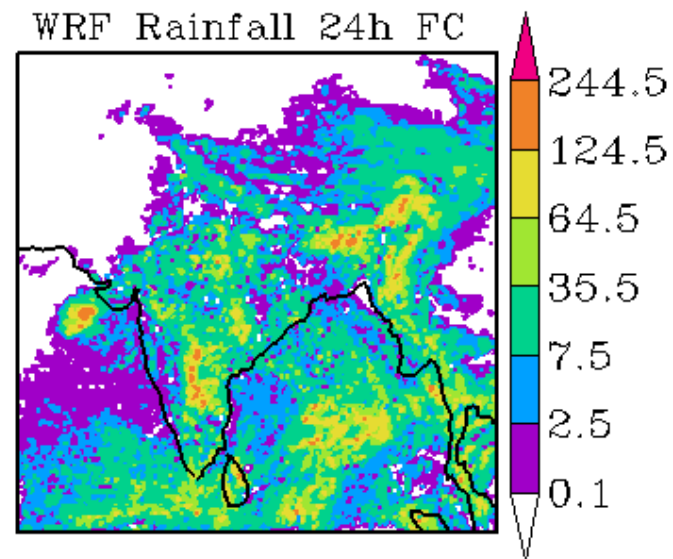
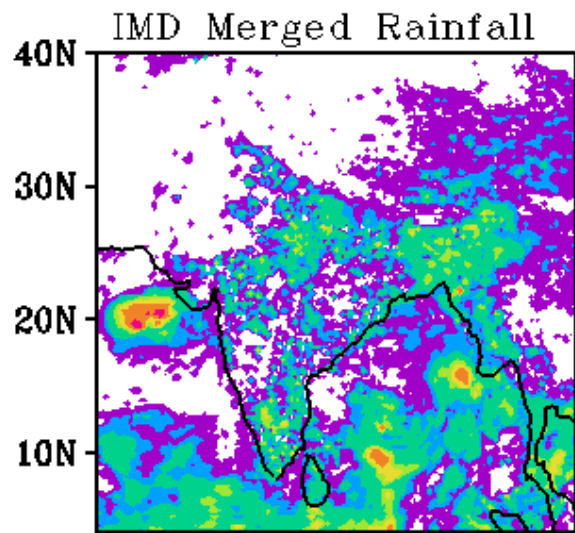
WRF Start Time  
00Z 21092019

Forecast Period  
03Z 22092019-03Z 23092019



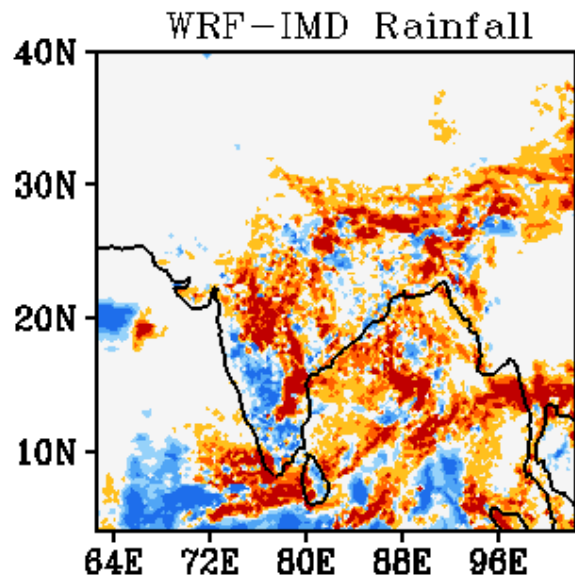
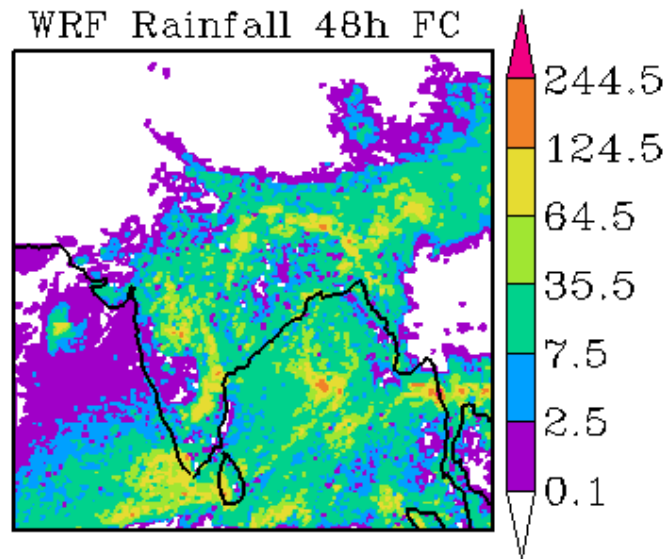
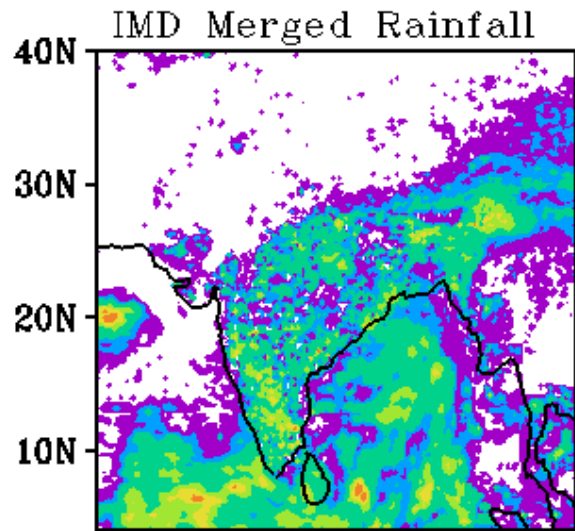
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 22-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.38(-0.14)	10.73(3.54)	2.05(0.85)
<b>48 Hour</b>	1.67(-0.04)	12.81(3.27)	2.89(0.85)
<b>72 Hour</b>	1.89(-0.05)	13.83(2.25)	3.10(1.24)



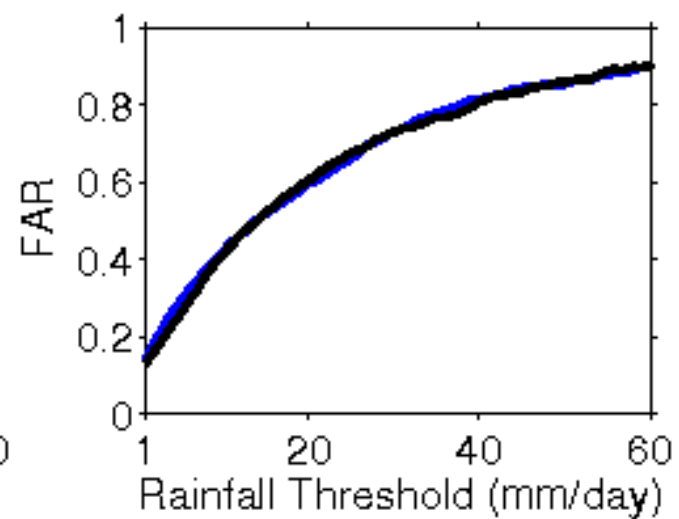
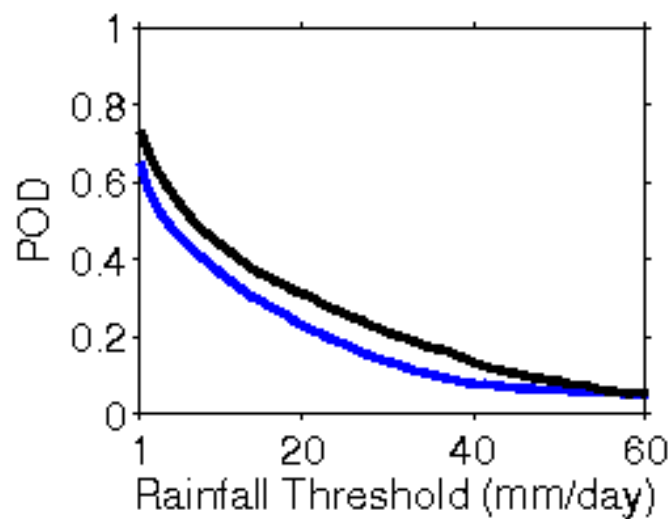
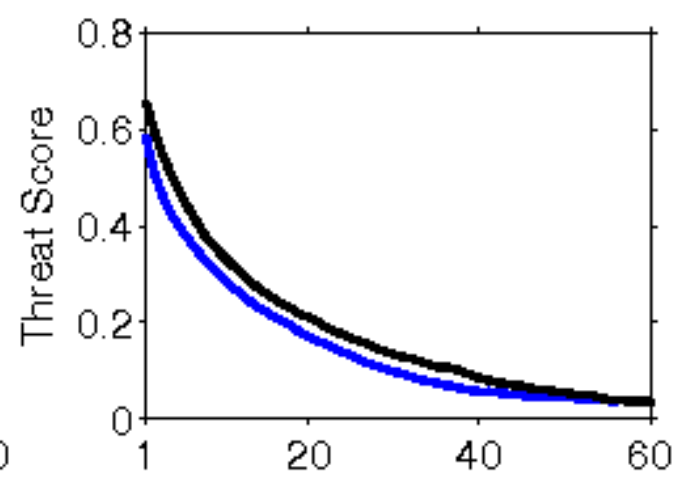
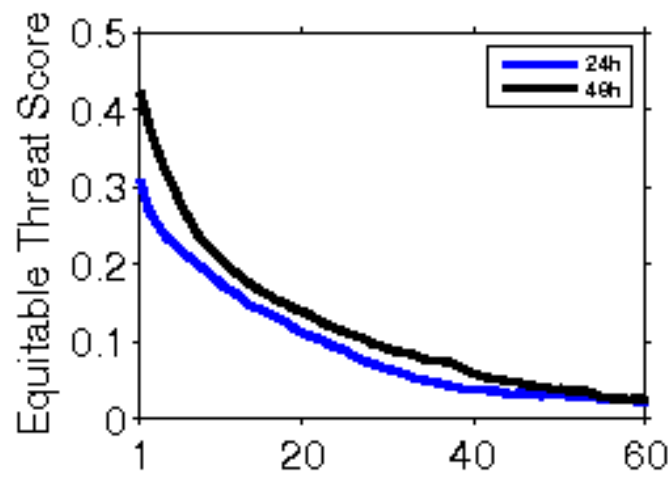
WRF Start Time  
00Z 22092019

Forecast Period  
03Z 22092019-03Z 23092019



WRF Start Time  
00Z 22092019

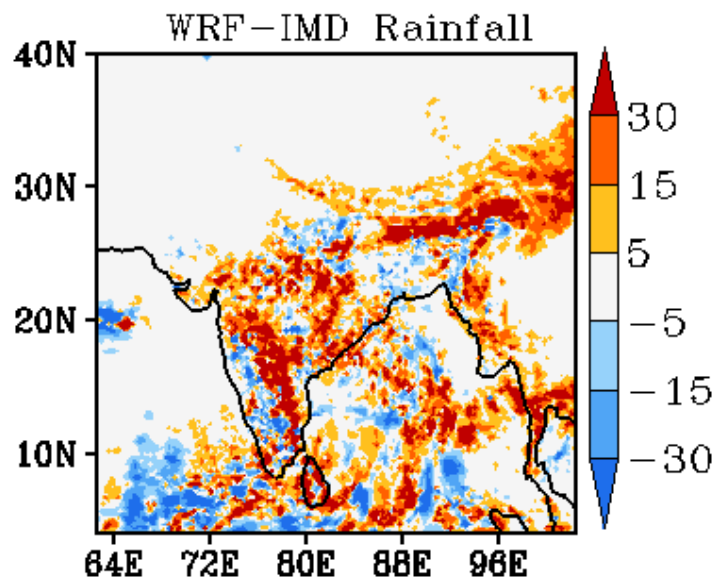
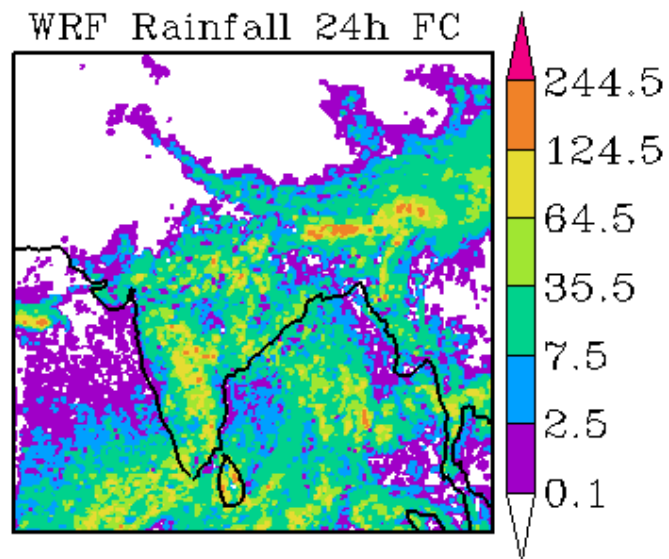
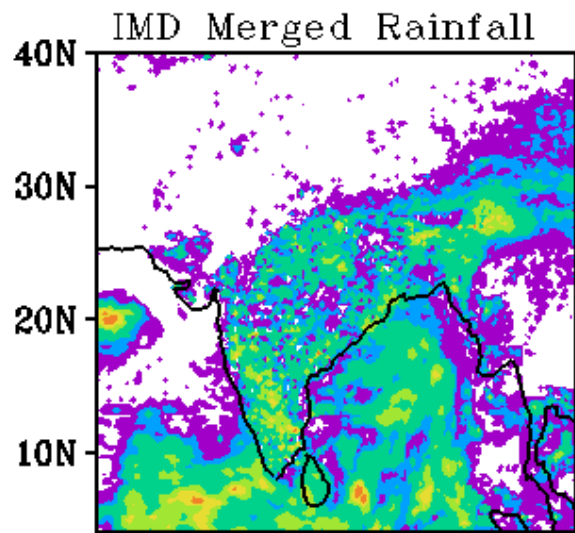
Forecast Period  
03Z 23092019-03Z 24092019





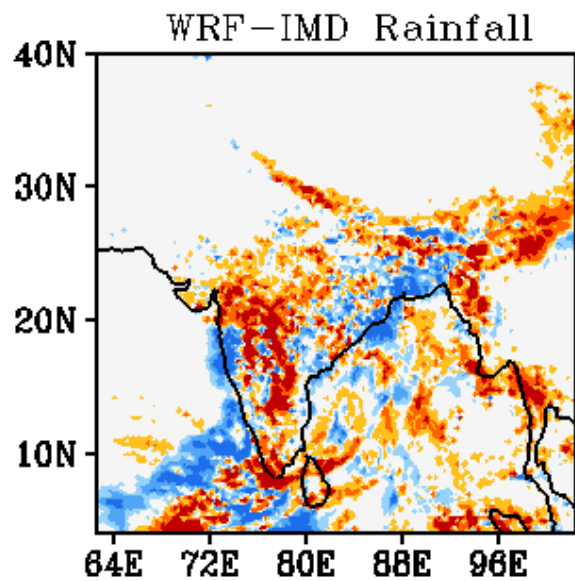
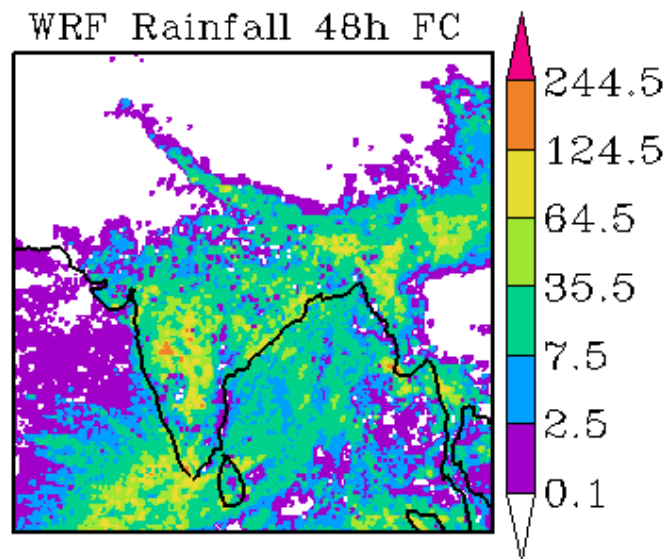
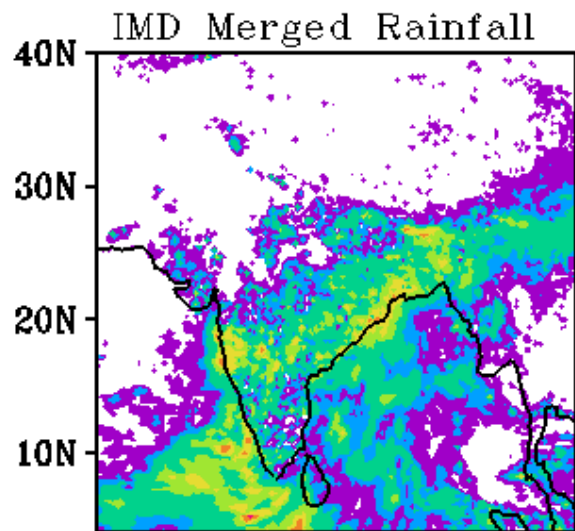
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 23-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.32(-0.23)	10.38(3.25)	2.27(1.03)
<b>48 Hour</b>	1.61(-0.24)	11.47(2.13)	2.93(1.58)
<b>72 Hour</b>	1.84(0.01)	12.52(1.23)	2.85(1.29)



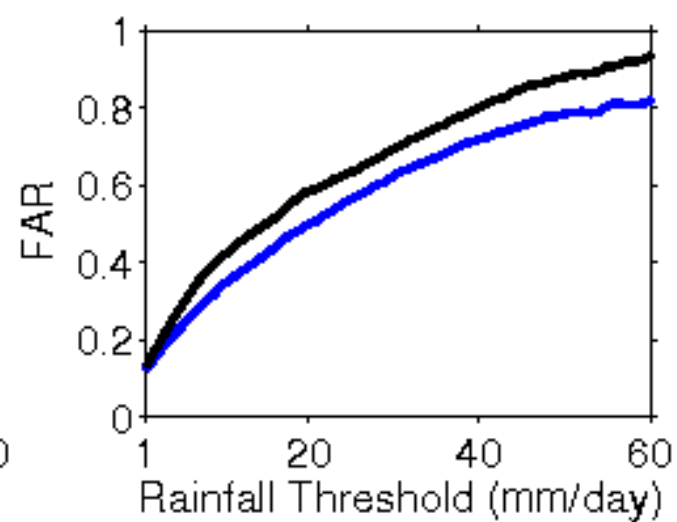
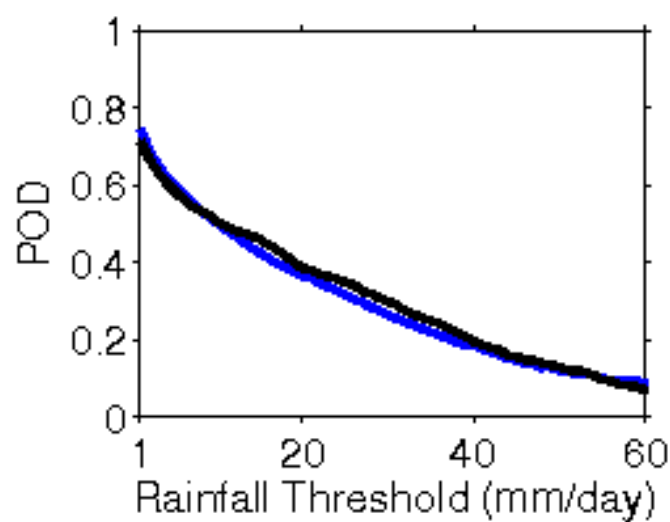
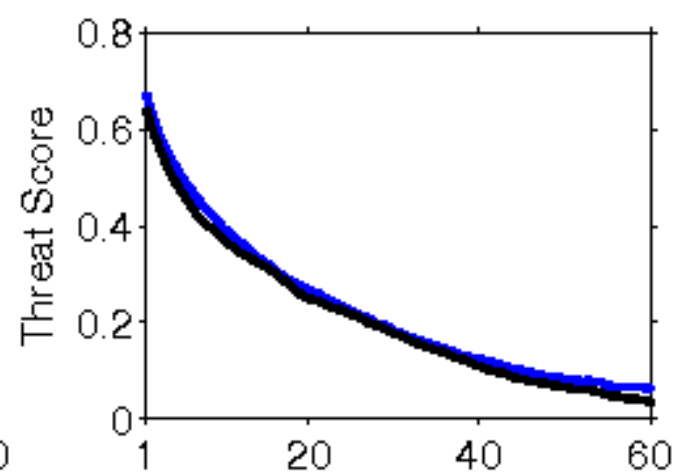
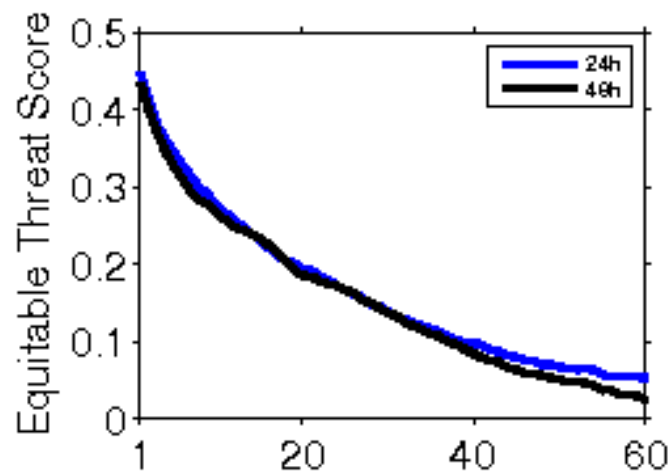
WRF Start Time  
00Z 23092019

Forecast Period  
03Z 23092019-03Z 24092019



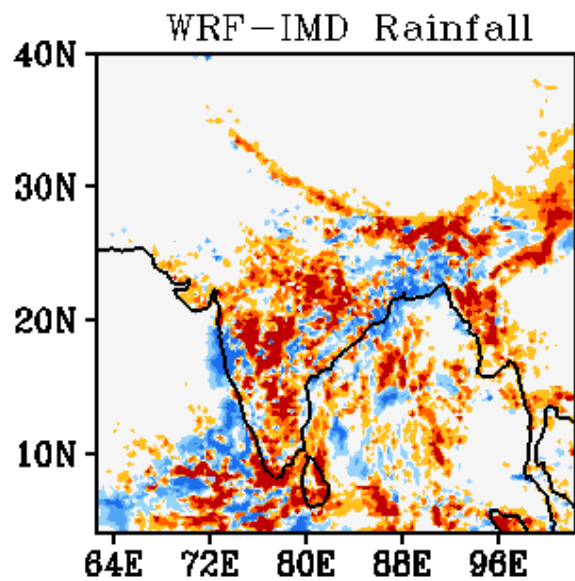
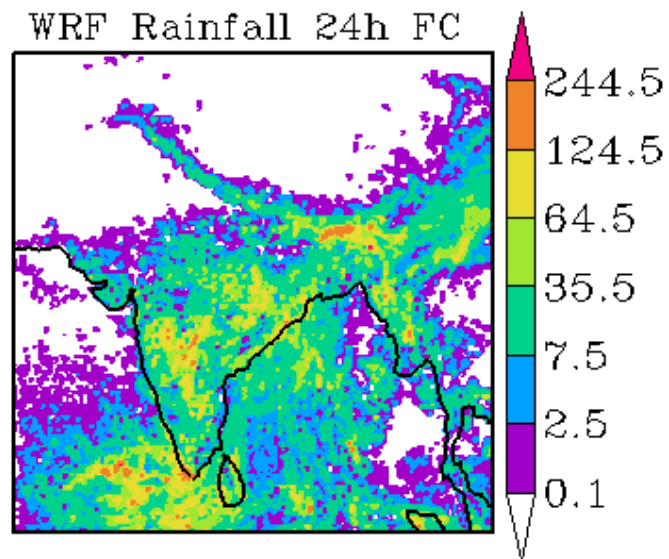
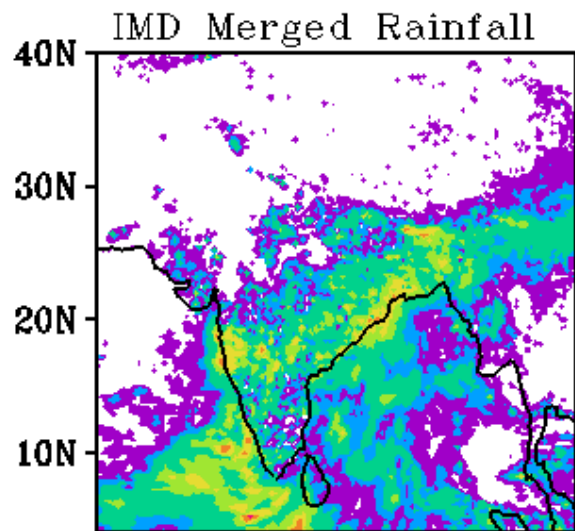
WRF Start Time  
00Z 23092019

Forecast Period  
03Z 24092019-03Z 25092019



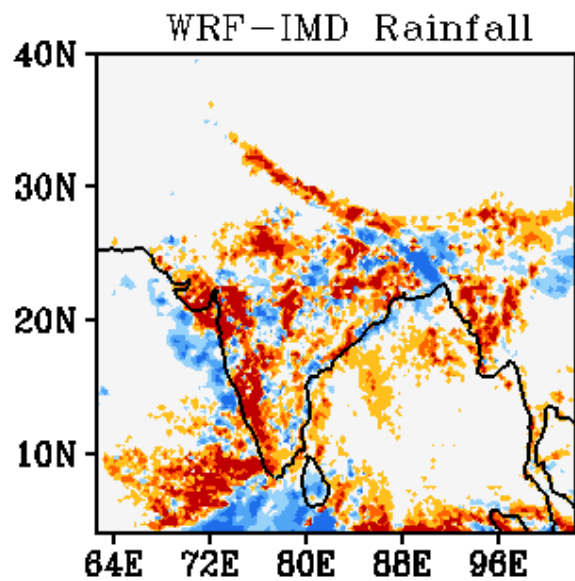
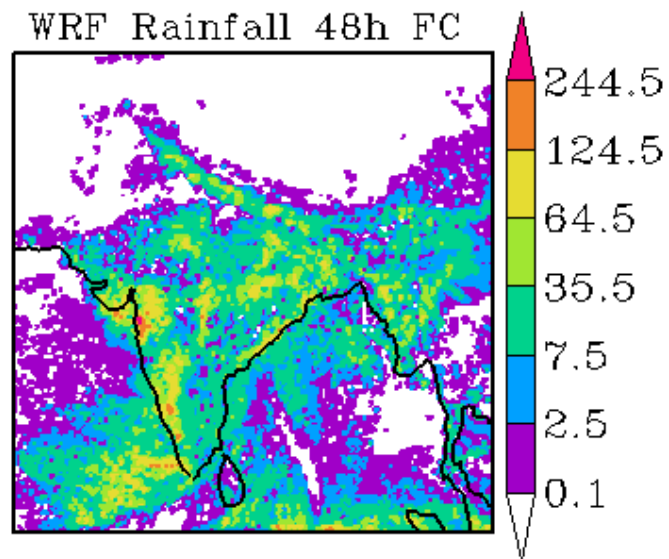
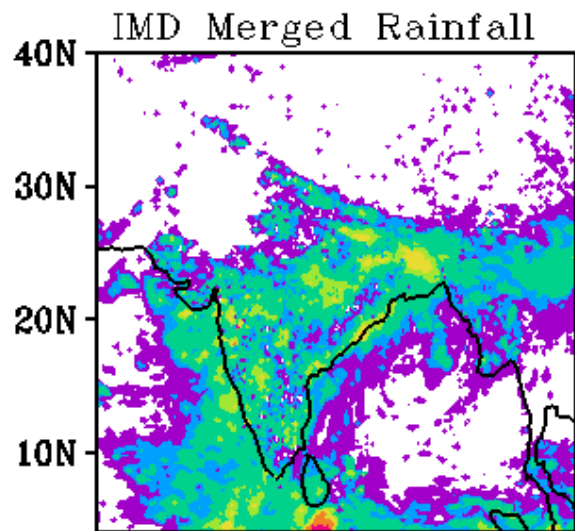
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 24-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
<b>24 Hour</b>	1.29(-0.08)	11.29(3.77)	2.10(1.05)
<b>48 Hour</b>	1.66(-0.02)	12.57(3.56)	2.33(1.45)
<b>72 Hour</b>	1.85(-0.09)	15.44(3.35)	2.70(1.73)



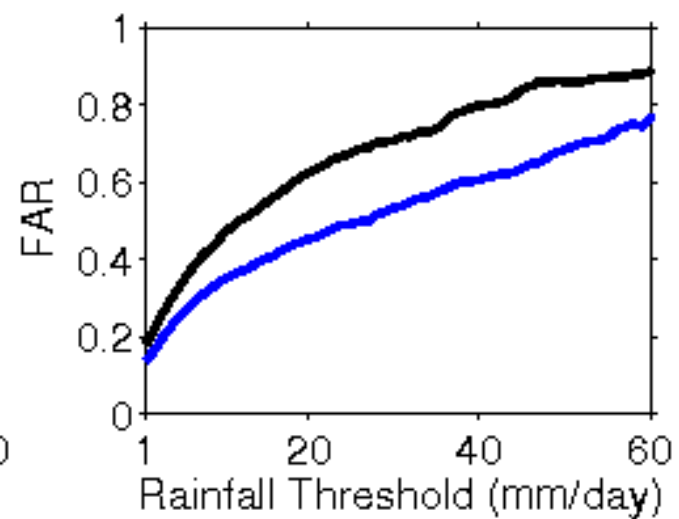
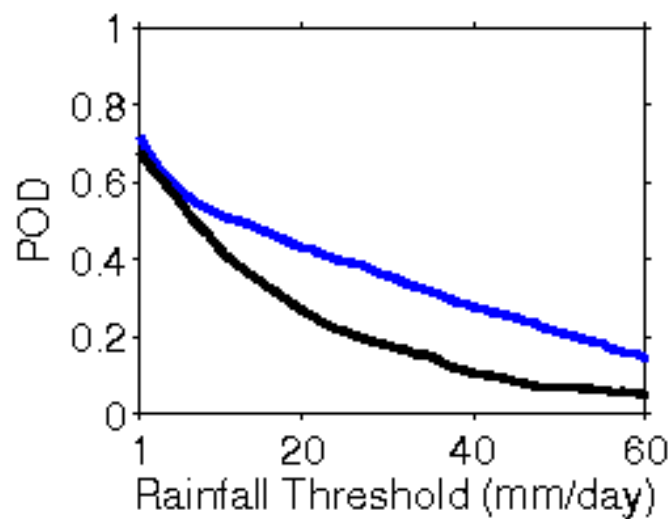
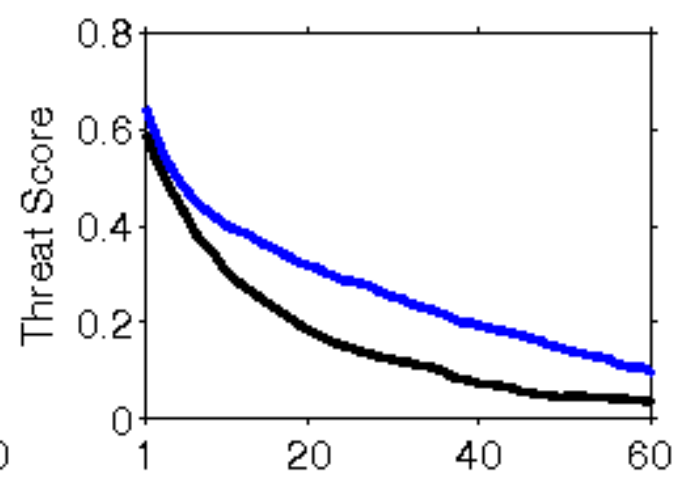
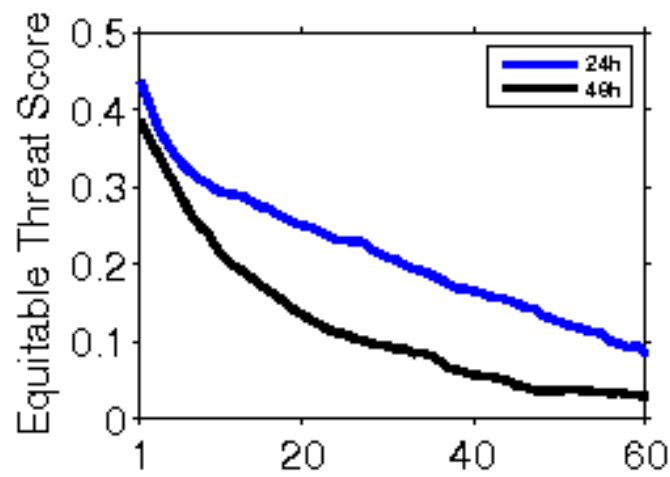
WRF Start Time  
00Z 24092019

Forecast Period  
03Z 24092019-03Z 25092019



WRF Start Time  
00Z 24092019

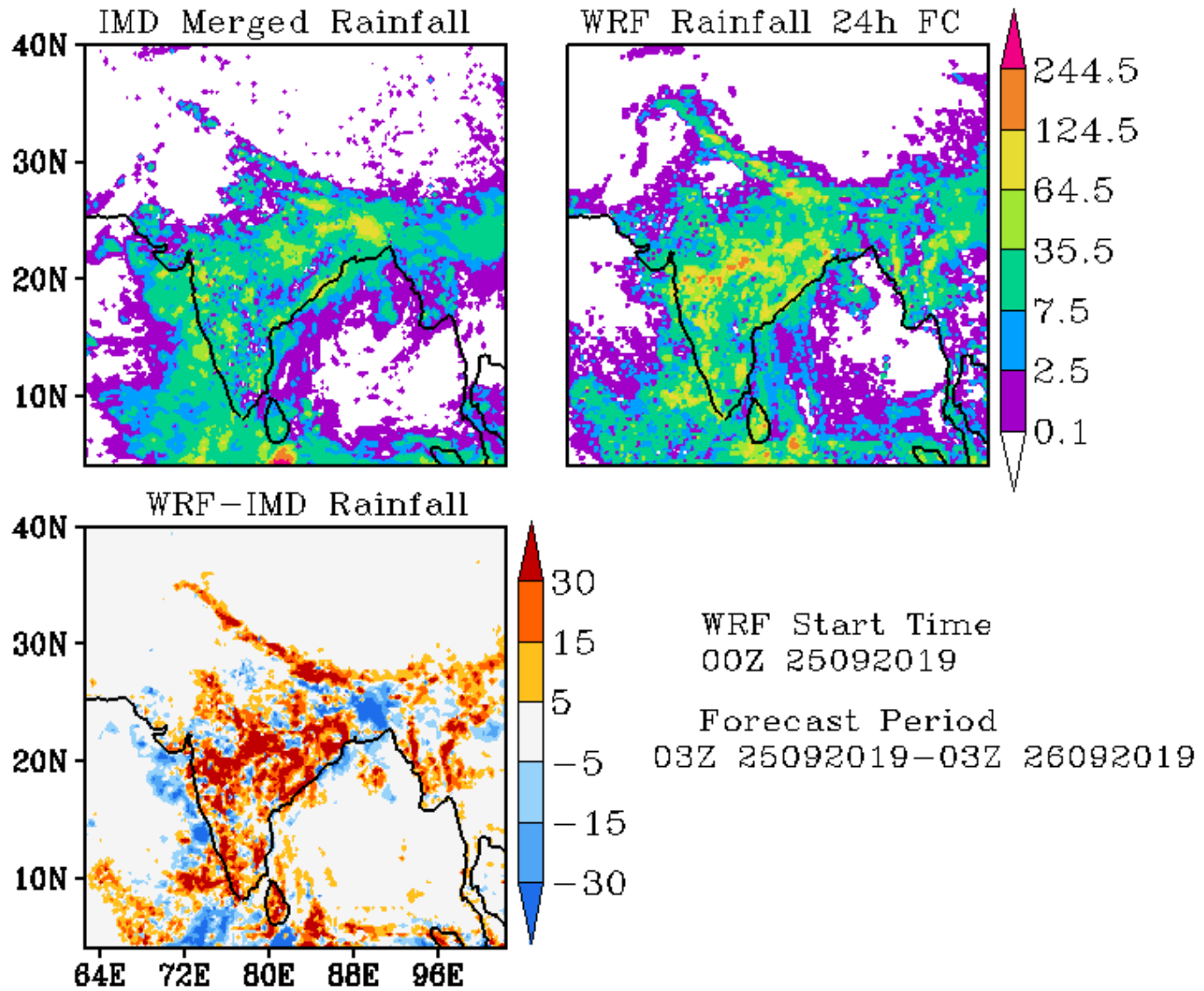
Forecast Period  
03Z 25092019-03Z 26092019

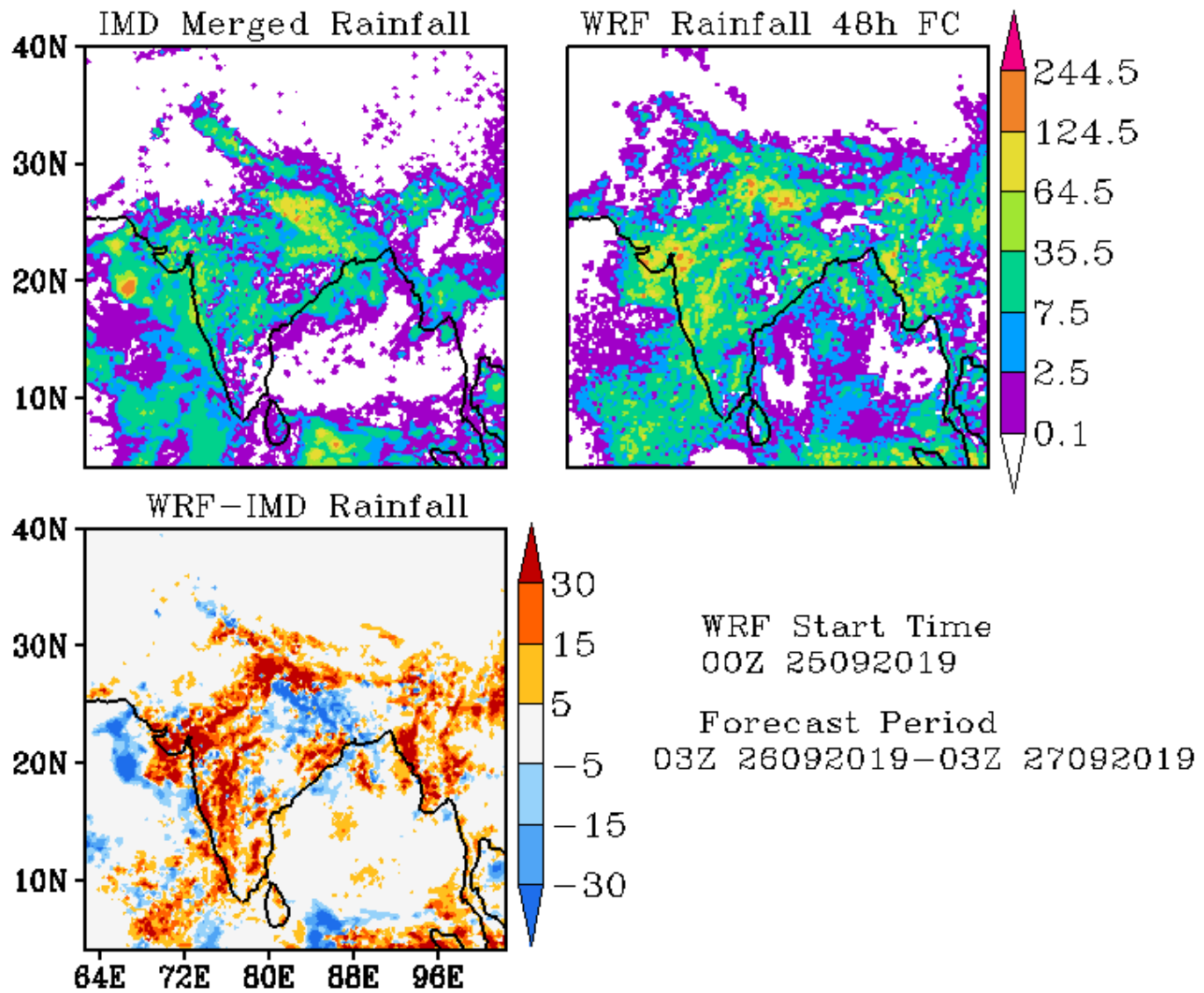


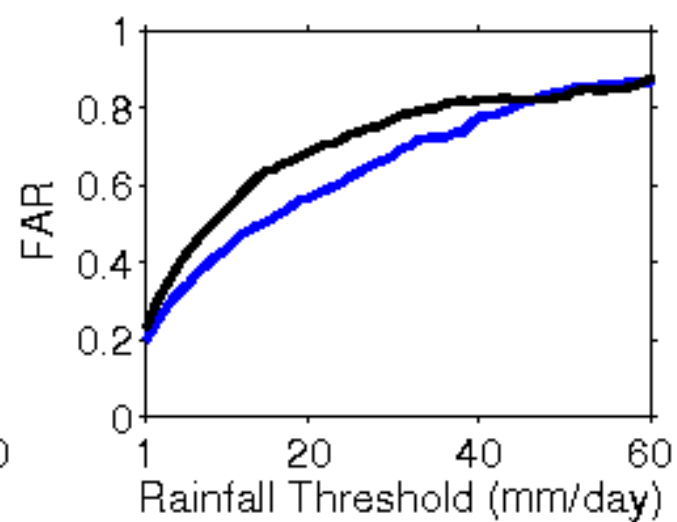
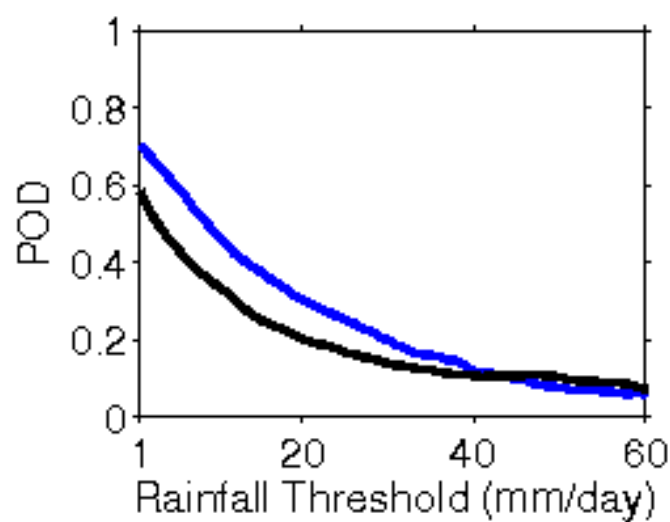
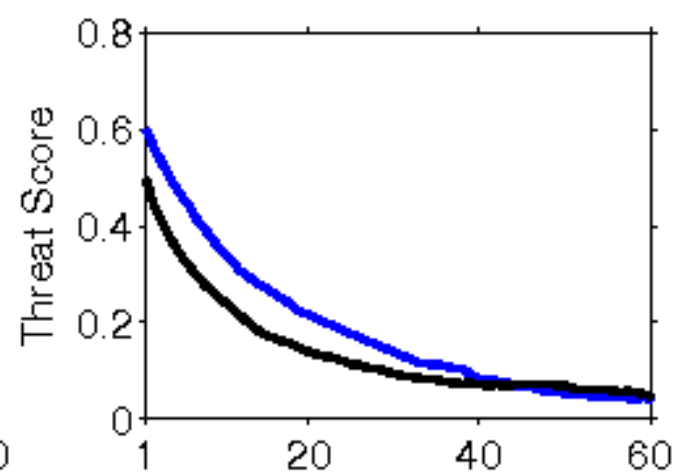
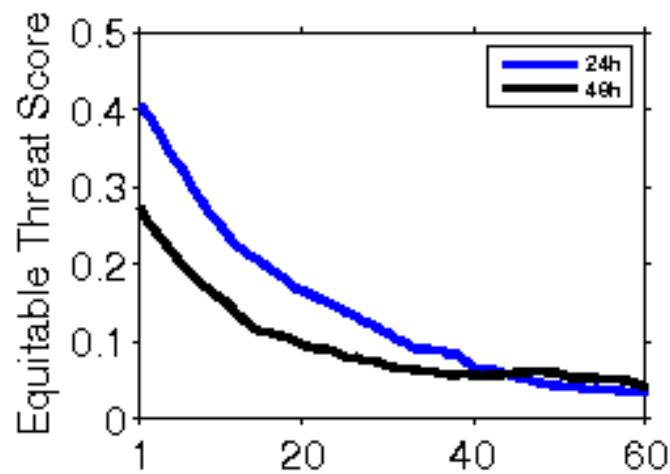


**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 25-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.33(0.07)	12.40(3.82)	1.80(0.72)
<b>48 Hour</b>	1.50(0.26)	14.38(3.11)	2.38(0.97)
<b>72 Hour</b>	1.64(0.17)	15.76(3.27)	2.84(1.26)

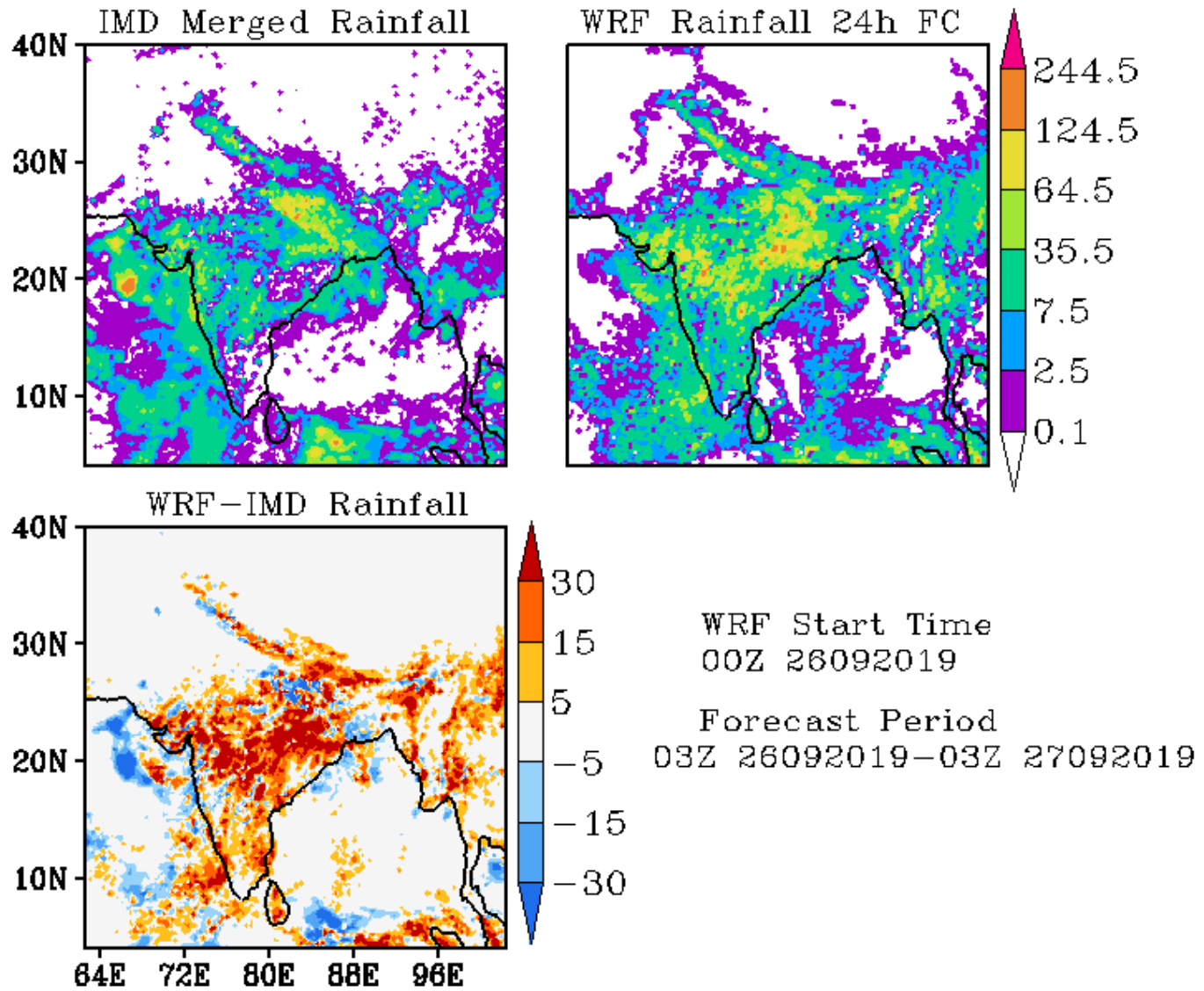


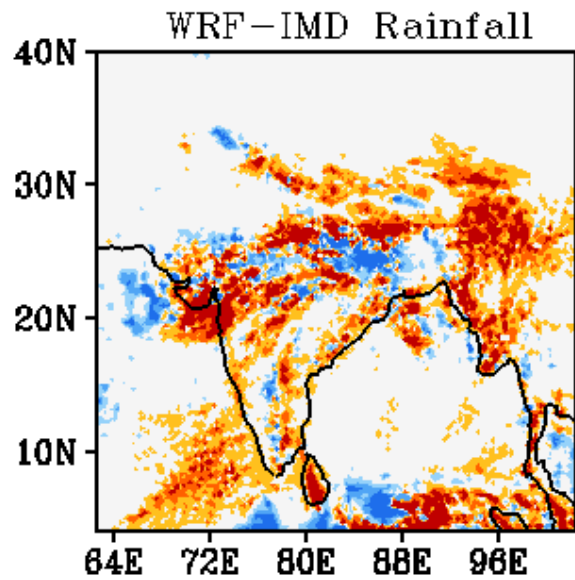
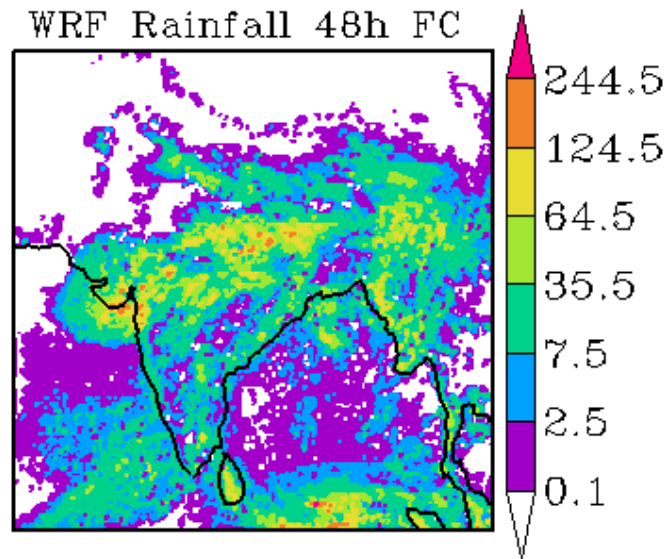
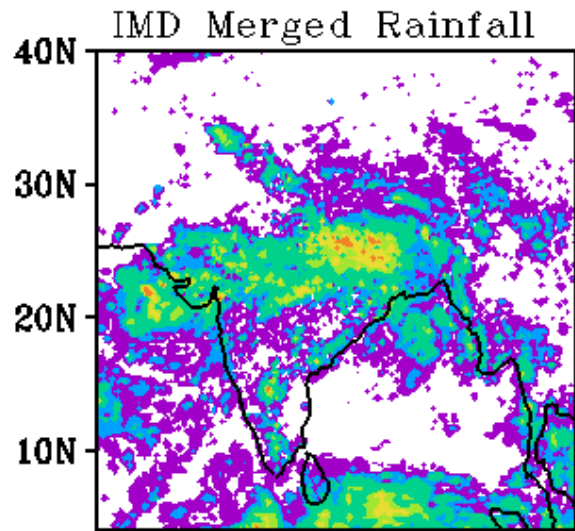




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 26-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

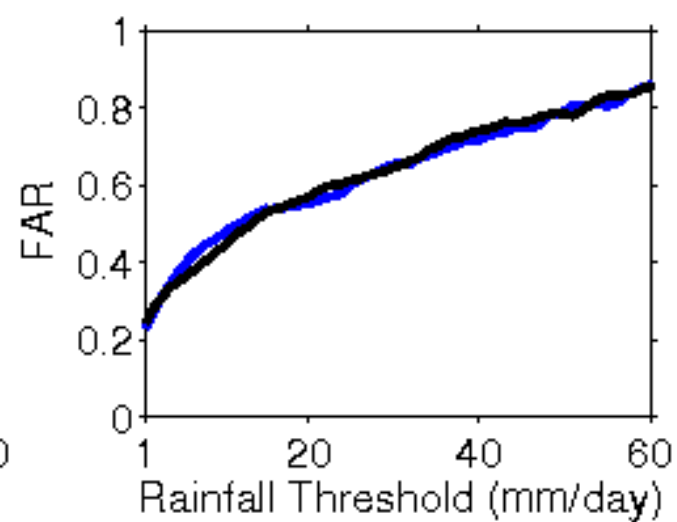
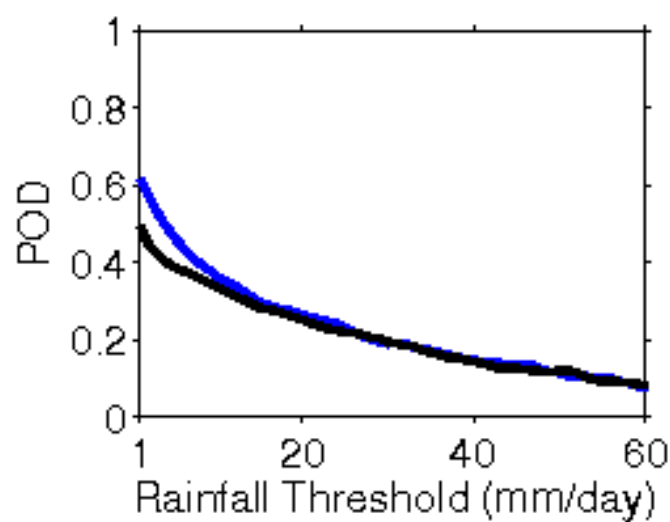
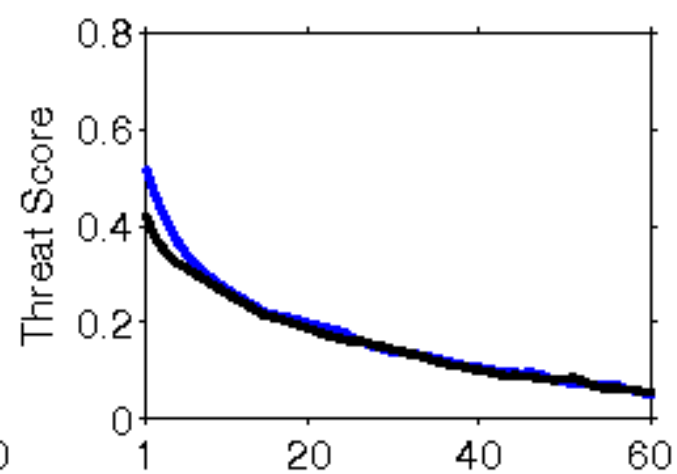
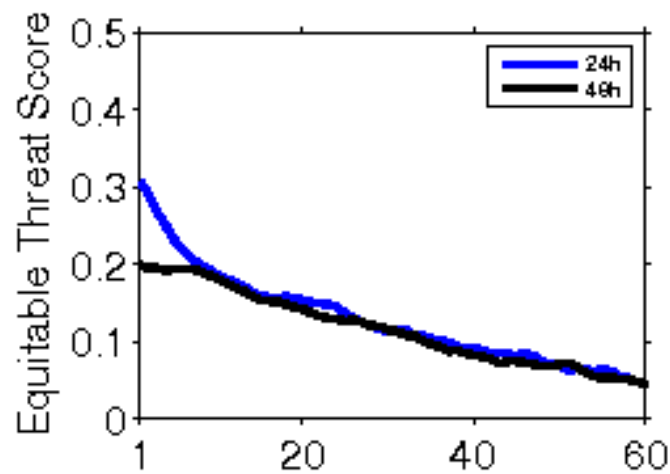
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.36(0.13)	12.34(3.57)	1.81(0.59)
<b>48 Hour</b>	1.51(0.24)	14.87(3.60)	2.25(0.66)
<b>72 Hour</b>	1.61(0.23)	17.14(3.04)	2.53(0.61)





WRF Start Time  
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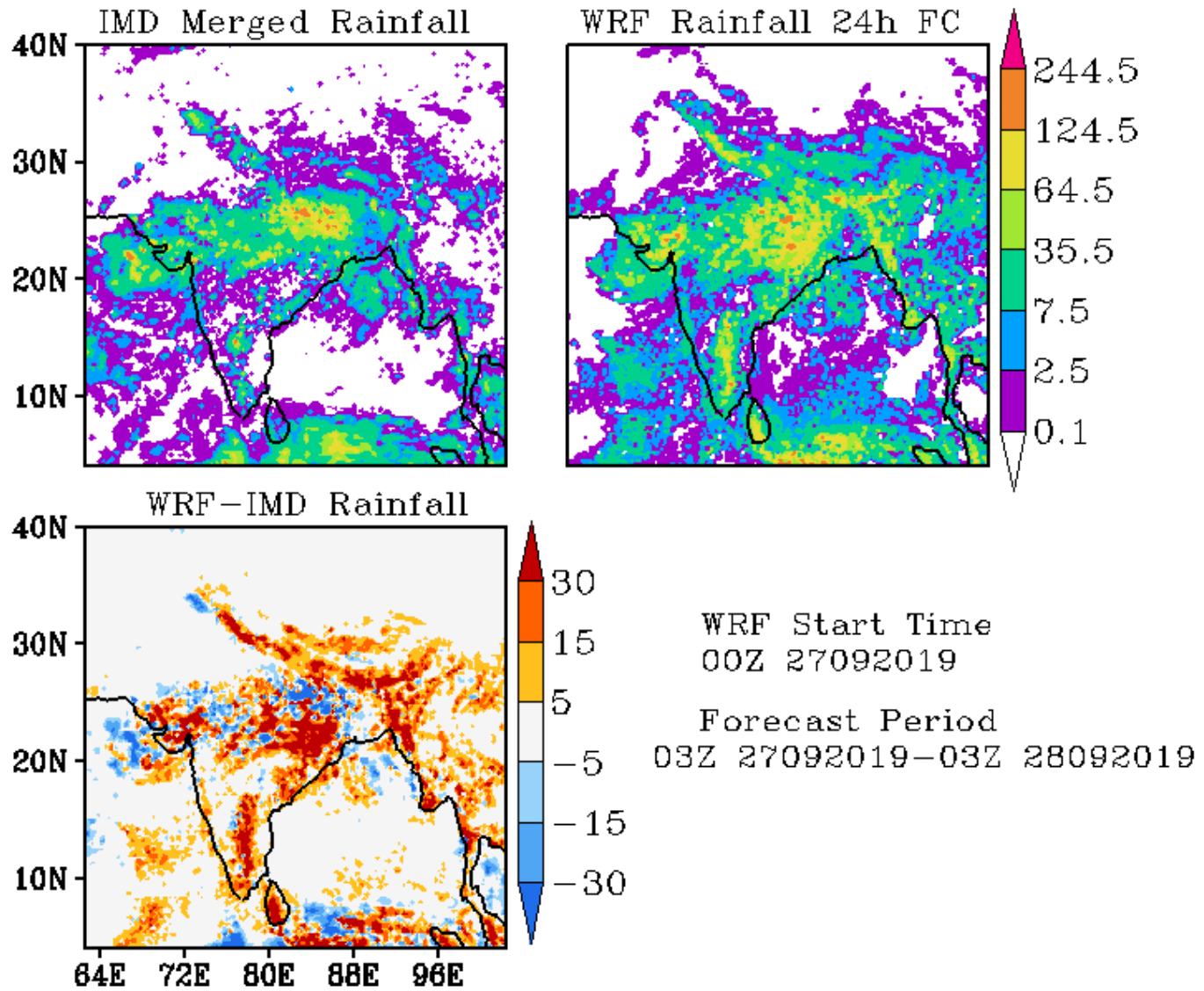
Forecast Period  
03Z 27092019-03Z 28092019

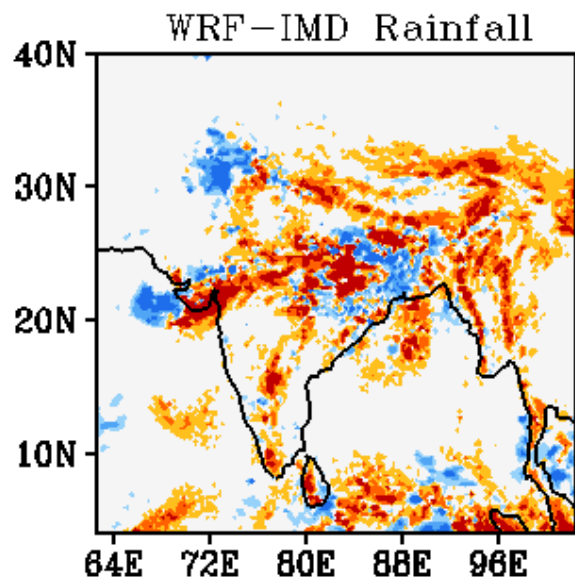
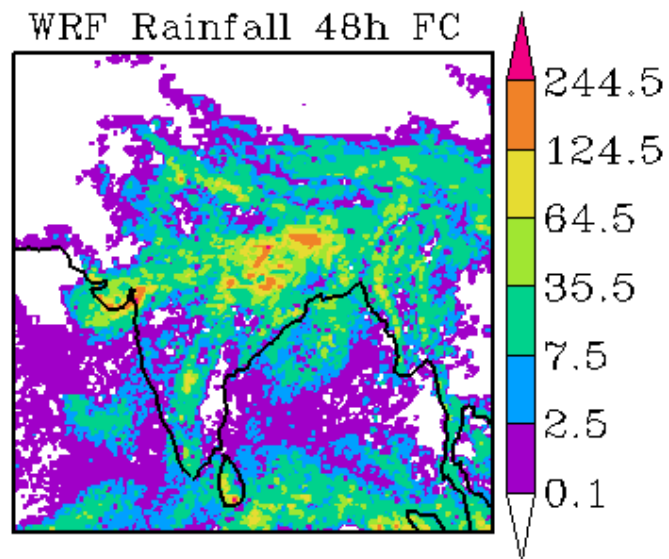
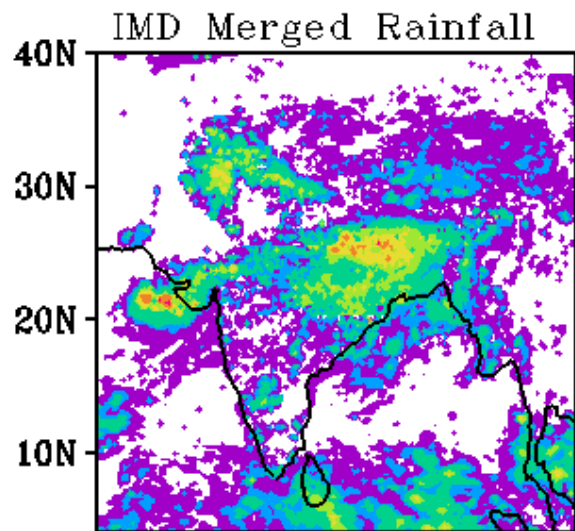




**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 27-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

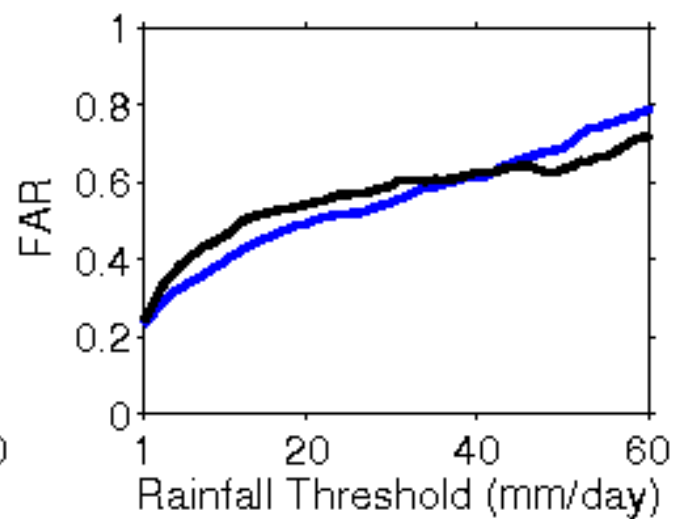
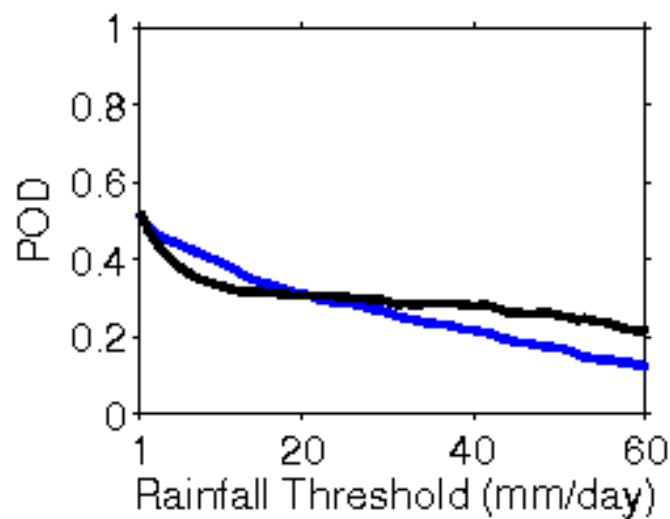
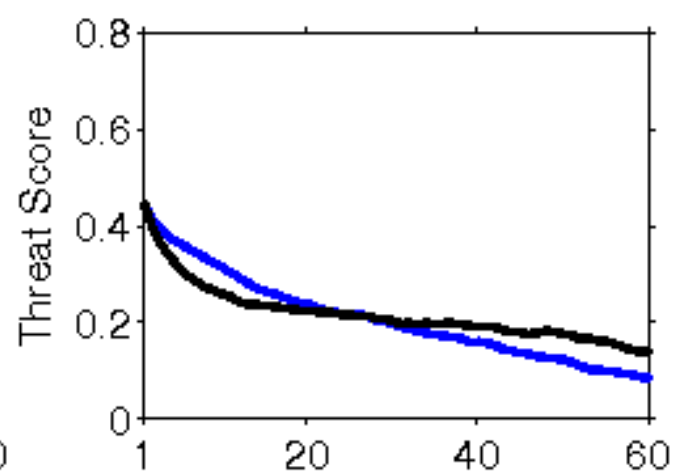
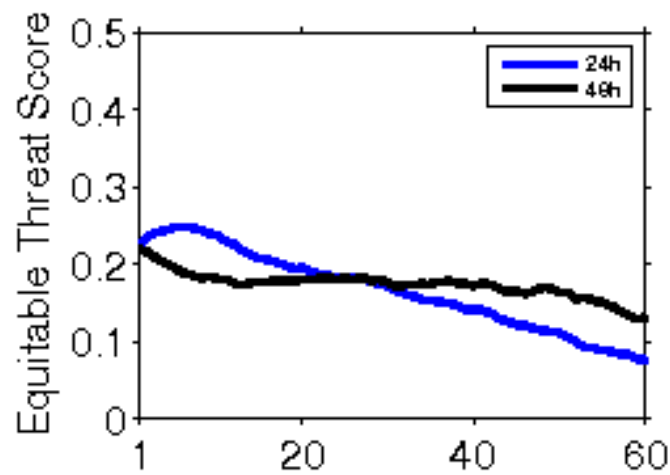
<b>Forecast Hour</b>	<b>Temperature (C)</b>	<b>Relative Humidity (%)</b>	<b>Wind Speed (m/s)</b>
	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>	<b>Rmsd (Bias)</b>
<b>24 Hour</b>	1.41(0.07)	12.08(3.64)	1.95(0.74)
<b>48 Hour</b>	1.50(0.08)	16.60(4.47)	2.18(0.68)
<b>72 Hour</b>	1.70(0.07)	18.35(4.99)	2.61(0.51)





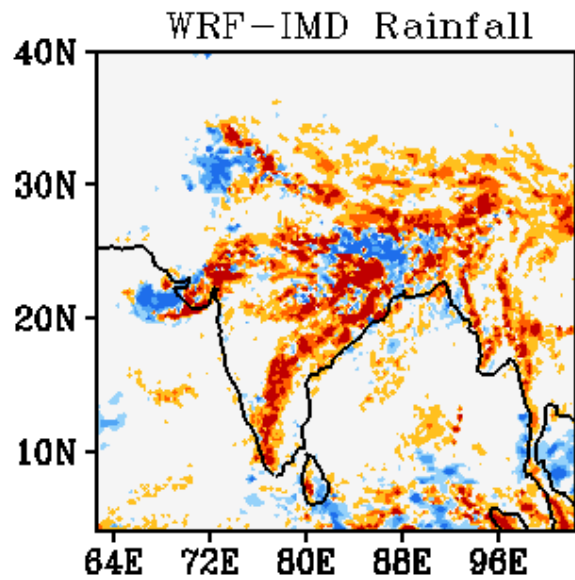
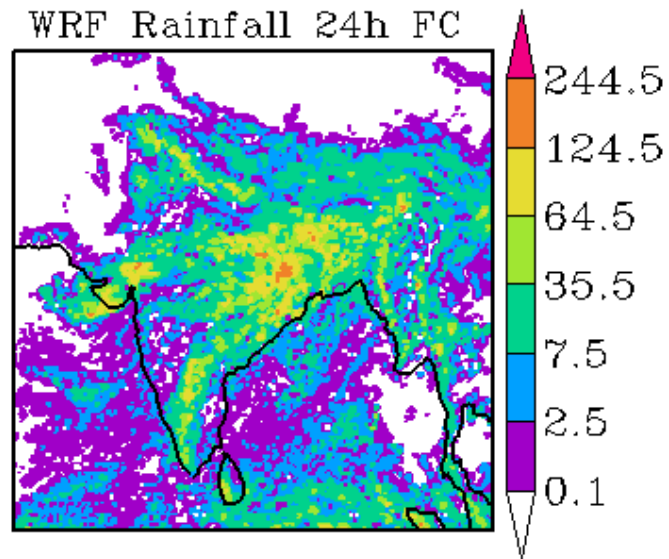
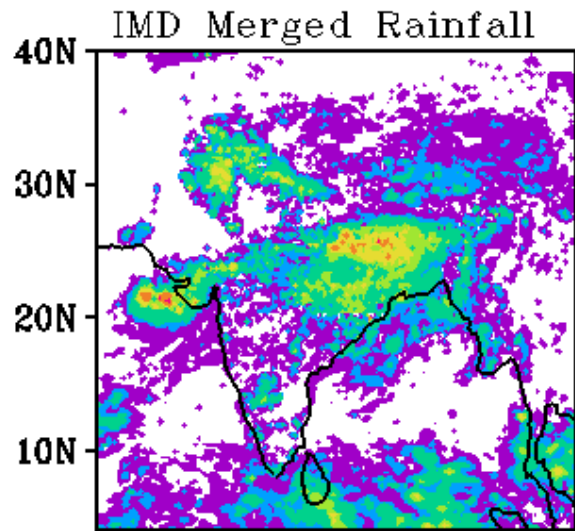
WRF Start Time  
00Z 27092019

Forecast Period  
03Z 28092019-03Z 29092019



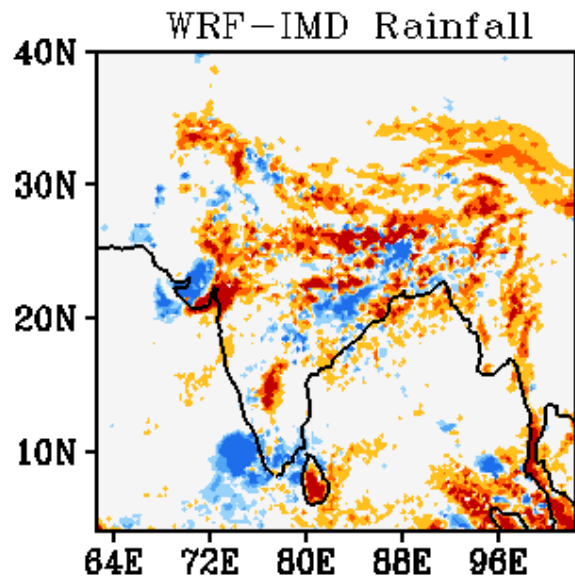
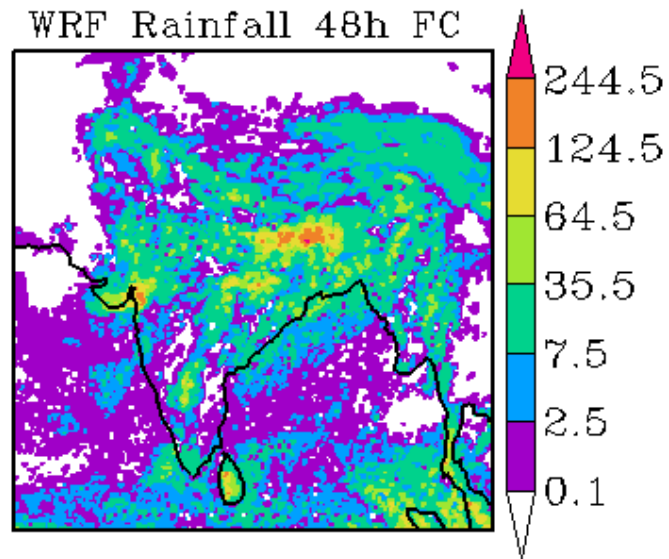
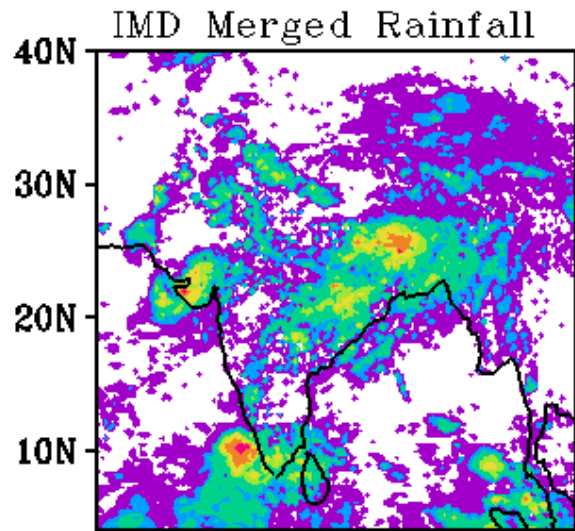
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 28-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.38(-0.04)	11.30(2.99)	2.07(0.81)
<b>48 Hour</b>	1.58(0.04)	12.61(3.74)	2.26(0.93)
<b>72 Hour</b>	1.71(0.10)	15.05(2.99)	2.52(0.81)



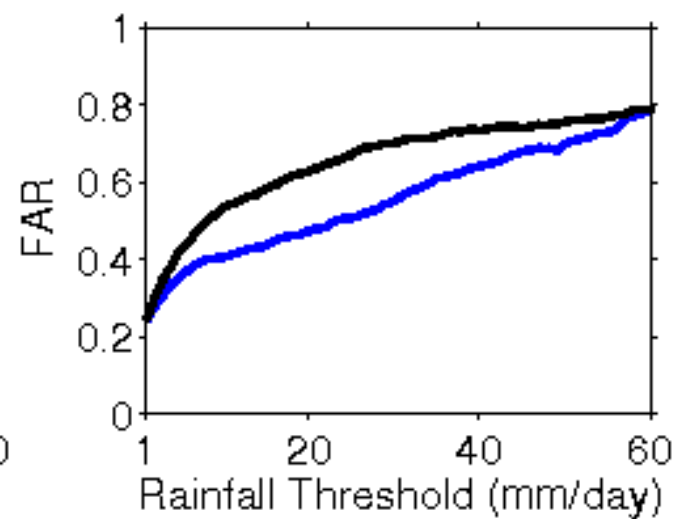
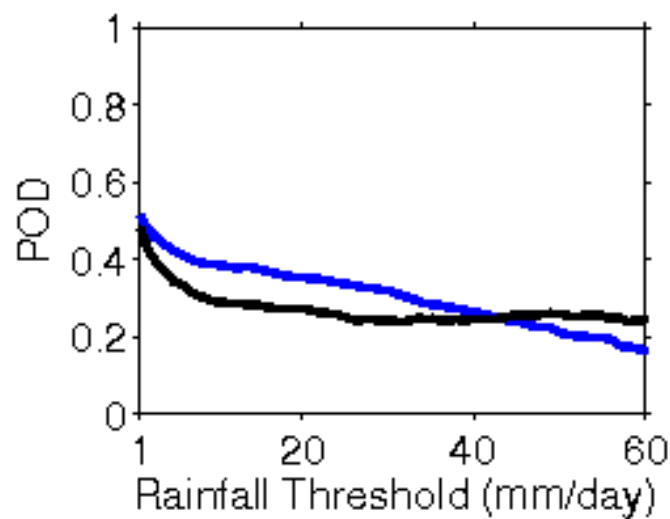
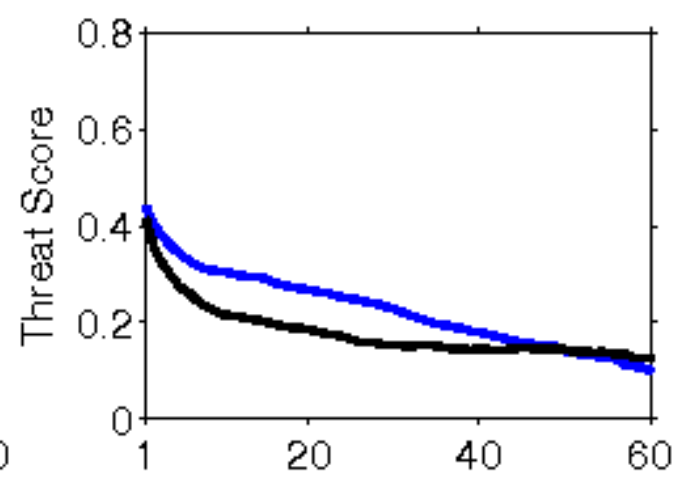
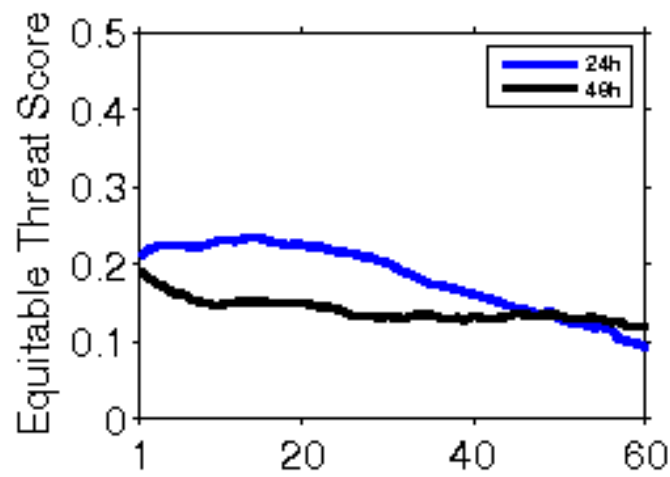
WRF Start Time  
00Z 28092019

Forecast Period  
03Z 28092019-03Z 29092019



WRF Start Time  
00Z 28092019

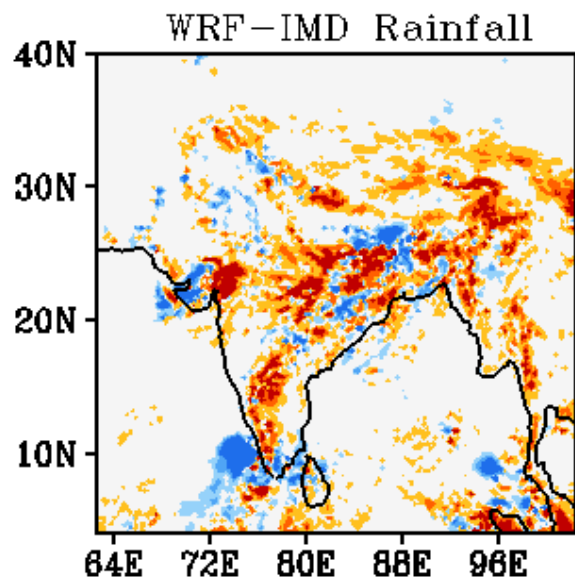
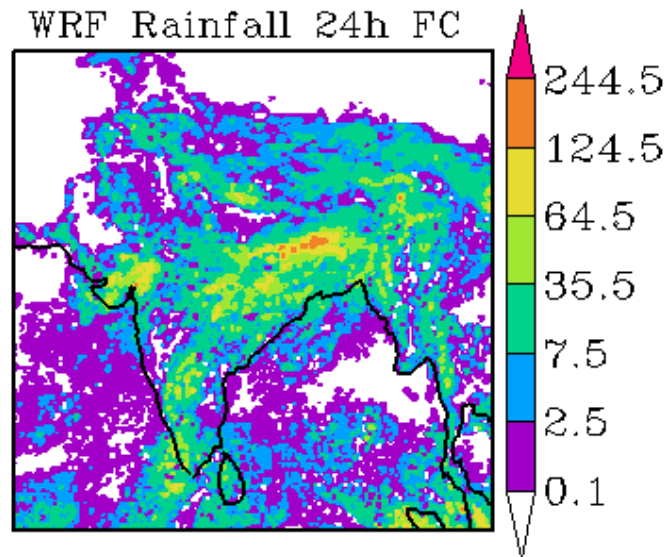
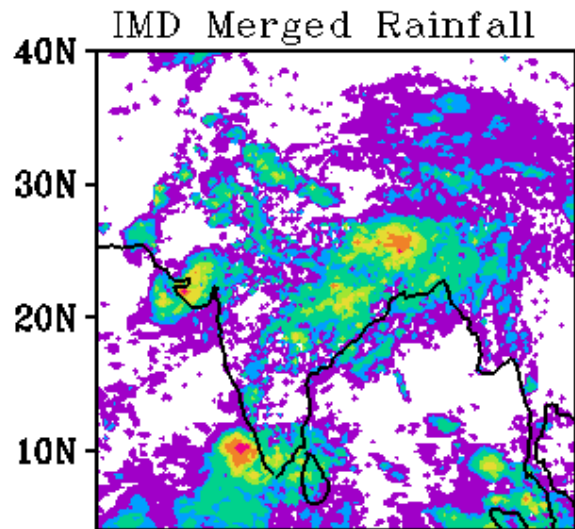
Forecast Period  
03Z 29092019-03Z 30092019





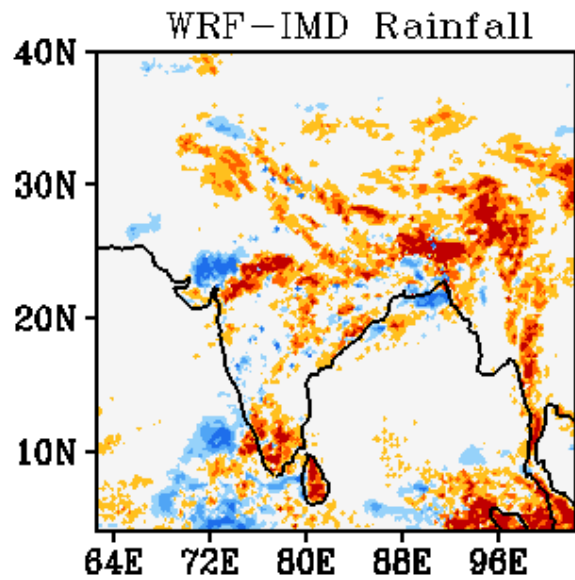
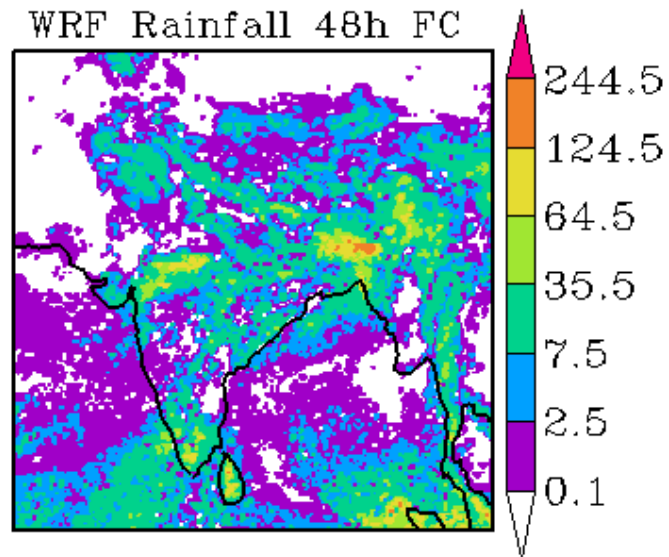
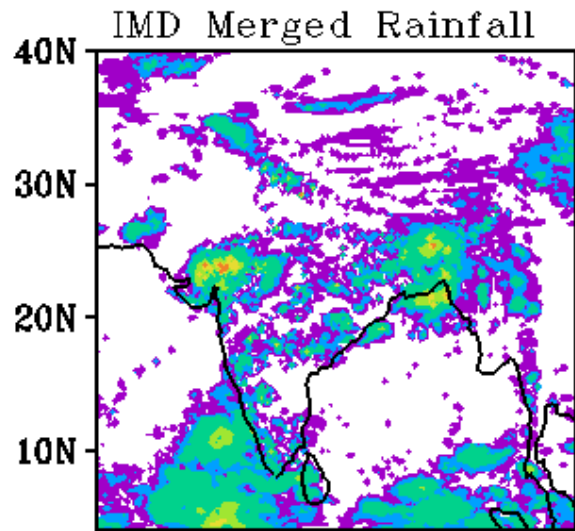
**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 29-09-19  
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

<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>	1.32(-0.08)	10.81(3.27)	2.02(0.93)
<b>48 Hour</b>	1.63(0.03)	12.73(2.97)	2.35(0.95)
<b>72 Hour</b>	1.95(0.06)	14.59(3.02)	2.38(1.28)



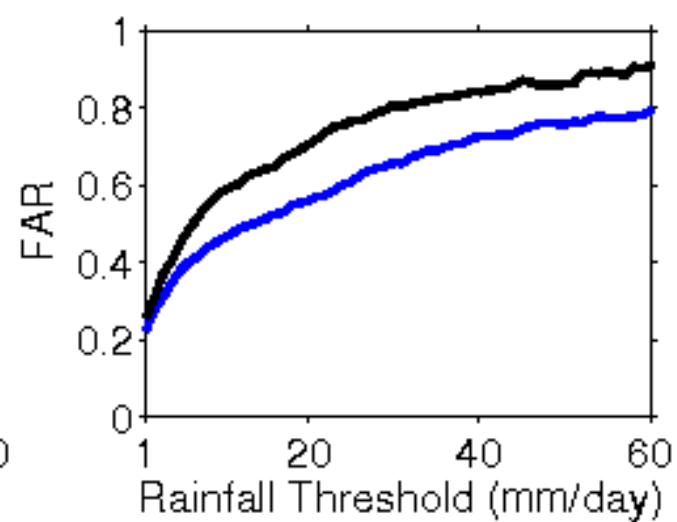
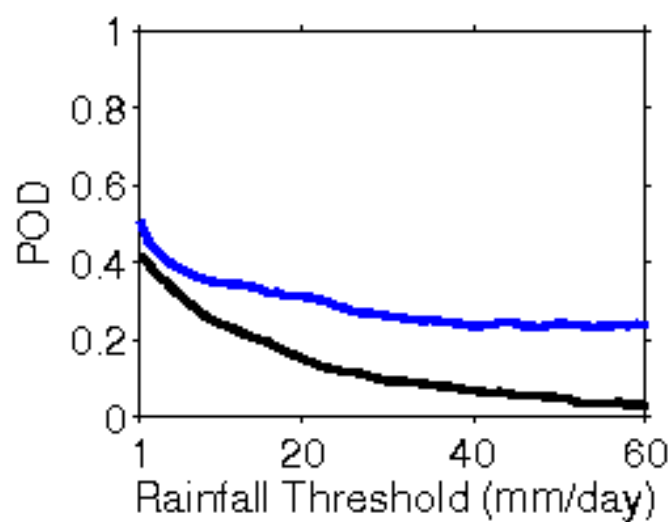
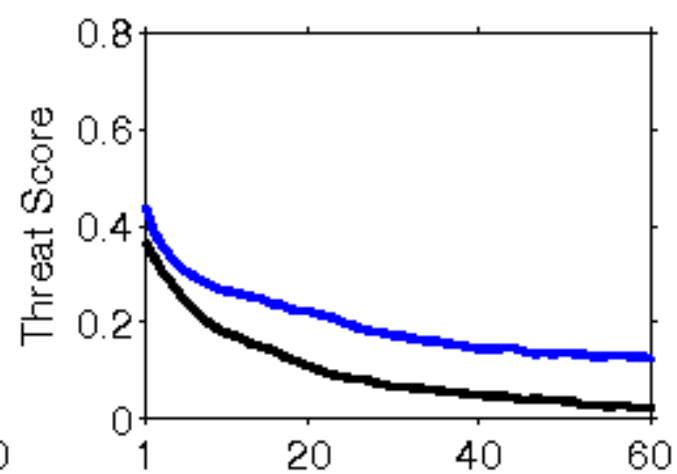
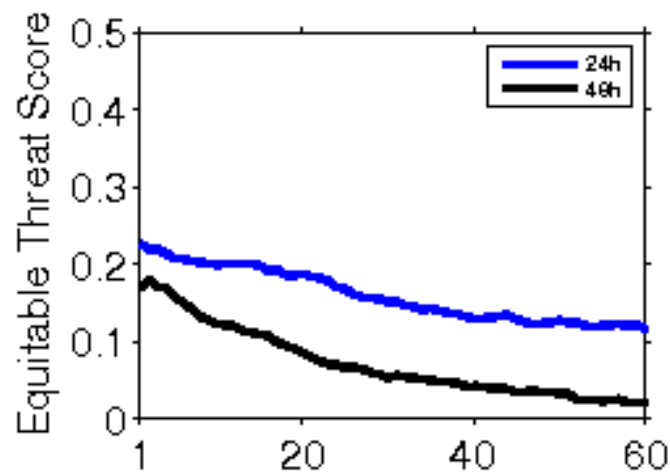
WRF Start Time  
00Z 29092019

Forecast Period  
03Z 29092019-03Z 30092019



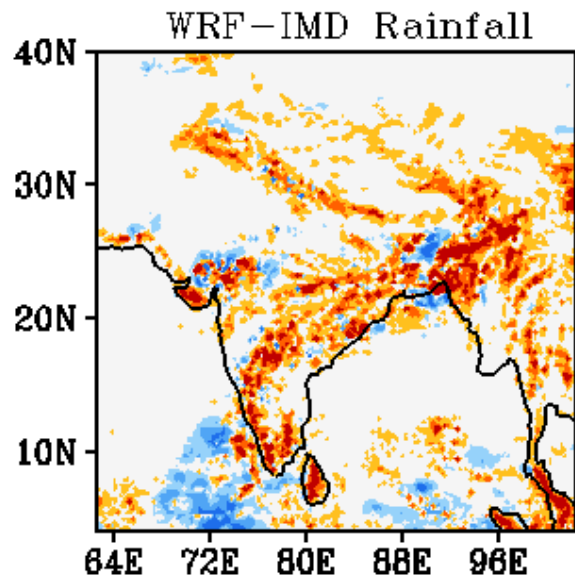
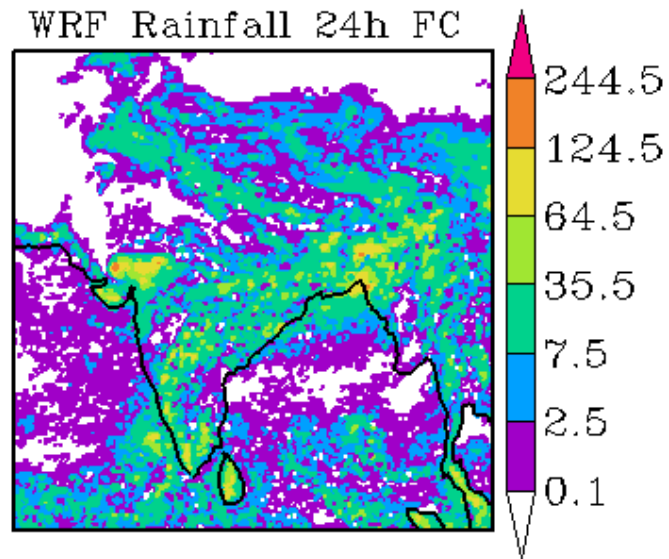
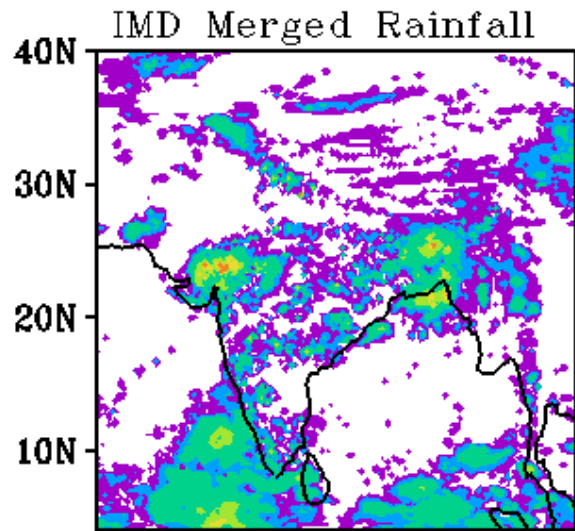
WRF Start Time  
00Z 29092019

Forecast Period  
03Z 30092019-03Z 01102019



**Error Statistics in Surface Meteorological Parameter  
Validation Time 0000 UTC 30-09-19  
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>	1.43(-0.28)	9.91(3.27)	2.06(0.89)
<b>48 Hour</b>	1.77(-0.13)	12.39(3.66)	2.33(1.09)
<b>72 Hour</b>	1.98(-0.03)	14.07(3.15)	2.49(0.99)



WRF Start Time  
00Z 30092019

Forecast Period  
03Z 30092019-03Z 01102019

