

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.62(-0.17)	10.43(0.56)	2.19(1.05)
48 Hour	1.97(0.22)	11.92(-0.08)	2.42(1.25)
72 Hour	1.99(0.43)	12.73(-0.87)	2.69(1.79)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.61(-0.16)	9.72(0.57)	2.24(1.25)
48 Hour	1.81(0.14)	11.19(0.00)	2.34(1.56)
72 Hour	1.83(0.40)	12.87(-0.84)	2.88(1.96)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.67(-0.02)	9.82(1.20)	2.23(1.07)
48 Hour	1.95(0.21)	11.06(-0.45)	2.33(1.66)
72 Hour	2.10(0.26)	13.46(-0.58)	2.64(2.09)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.49(-0.09)	8.92(1.65)	2.15(1.27)
48 Hour	1.91(0.28)	11.52(0.46)	2.59(1.78)
72 Hour	2.26(0.35)	13.96(-0.76)	3.28(2.58)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.57(-0.17)	10.26(2.15)	2.16(1.25)
48 Hour	1.86(0.21)	11.69(0.76)	2.75(1.78)
72 Hour	2.11(0.32)	14.77(0.65)	3.32(2.19)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.50(-0.24)	10.38(2.50)	2.31(1.37)
48 Hour	1.84(0.01)	13.44(1.59)	2.70(1.61)
72 Hour	2.06(0.23)	14.81(-0.08)	2.72(2.24)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.45(-0.13)	10.47(1.81)	2.60(1.61)
48 Hour	1.73(0.16)	12.85(0.98)	2.73(1.78)
72 Hour	1.82(0.31)	14.00(0.12)	2.98(2.07)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.56(-0.12)	10.19(1.97)	2.43(1.51)
48 Hour	1.74(0.10)	12.21(1.06)	2.73(1.86)
72 Hour	1.84(0.11)	13.04(1.12)	3.27(1.89)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.55(-0.22)	10.49(2.39)	2.25(1.30)
48 Hour	1.84(0.10)	12.28(1.14)	2.93(1.97)
72 Hour	2.33(0.16)	14.55(1.18)	3.20(2.19)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.65(-0.13)	10.73(2.86)	2.43(1.41)
48 Hour	2.05(0.00)	12.37(1.34)	2.73(1.84)
72 Hour	2.22(0.21)	13.84(0.28)	2.41(2.31)

Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.68(-0.23)	11.18(2.63)	2.27(1.12)
48 Hour	1.91(0.05)	12.51(1.32)	2.30(1.78)
72 Hour	1.86(0.09)	14.49(0.85)	2.58(1.98)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.46(-0.20)	9.51(3.27)	1.96(1.01)
48 Hour	1.87(0.03)	10.64(2.41)	2.35(1.72)
72 Hour	1.96(0.07)	11.29(2.23)	2.41(1.87)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

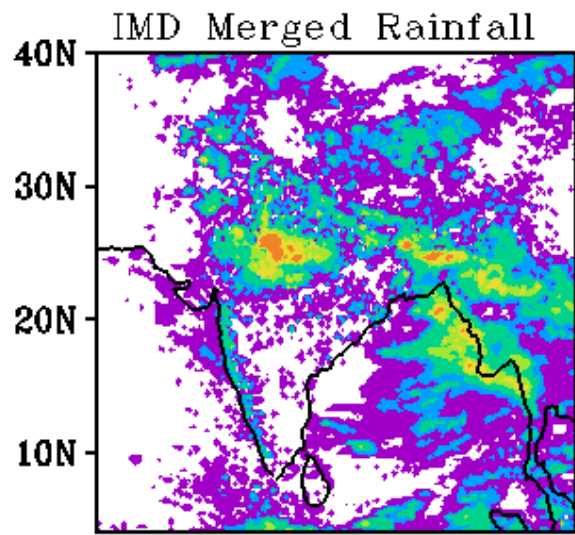
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.64(-0.21)	9.77(3.43)	2.00(1.03)
48 Hour	1.89(0.14)	11.30(1.13)	2.37(1.55)
72 Hour	2.04(0.12)	12.78(2.24)	3.00(1.71)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

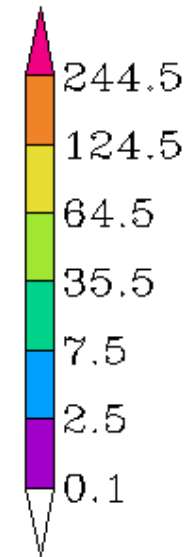
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.51(-0.18)	9.17(2.31)	2.13(1.25)
48 Hour	1.88(0.15)	11.83(1.67)	2.71(1.59)
72 Hour	2.24(0.29)	14.99(0.67)	3.40(1.93)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-08-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

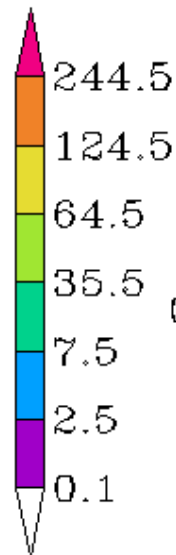
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	1.57(-0.05)	10.22(2.78)	2.10(1.11)
48 Hour	1.88(0.09)	11.27(1.09)	2.18(1.58)
72 Hour	1.97(0.10)	11.46(0.50)	2.55(1.85)



WRF Rainfall 24h FC



WRF-IMD Rainfall

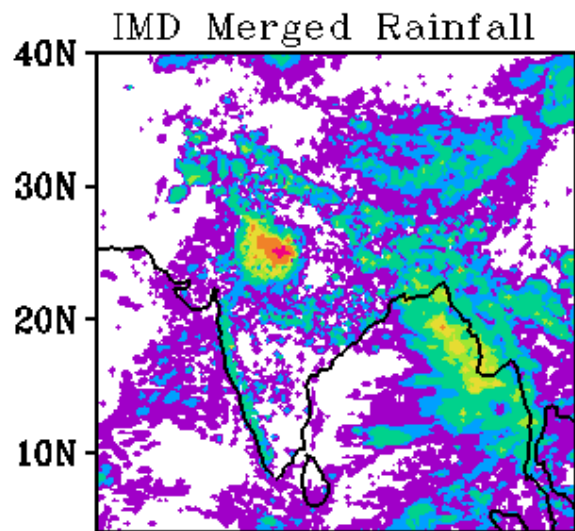


WRF Start Time

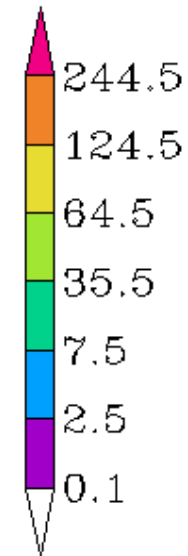
00Z 01082021

Forecast Period

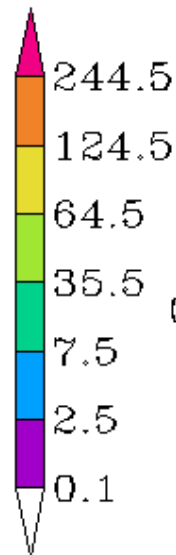
03Z 01082021-03Z 02082021



WRF Rainfall 48h FC



WRF-IMD Rainfall

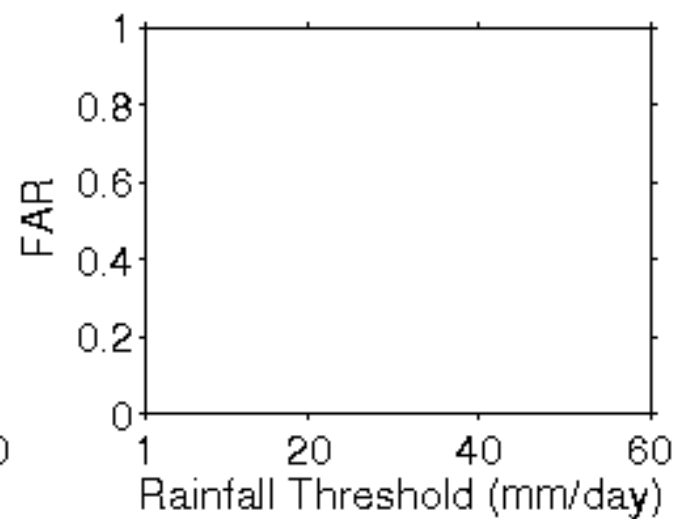
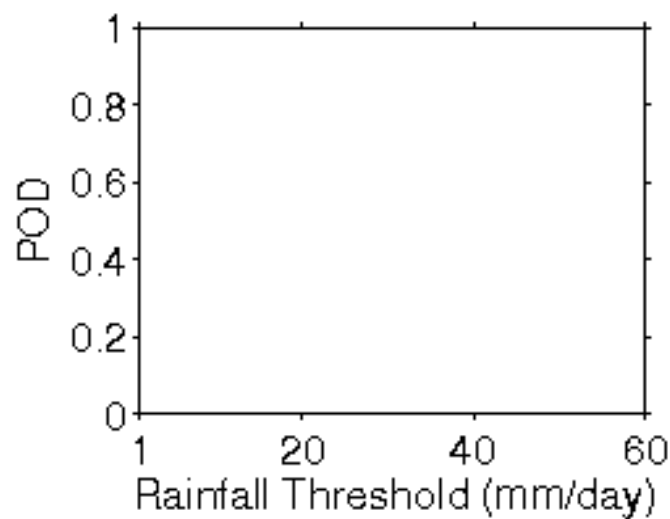
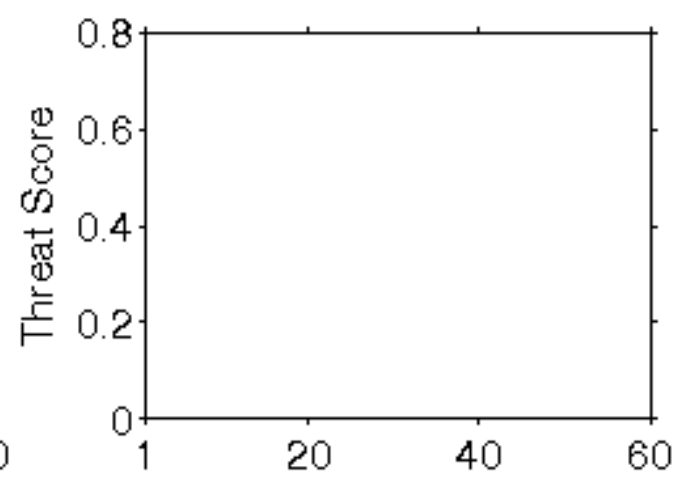
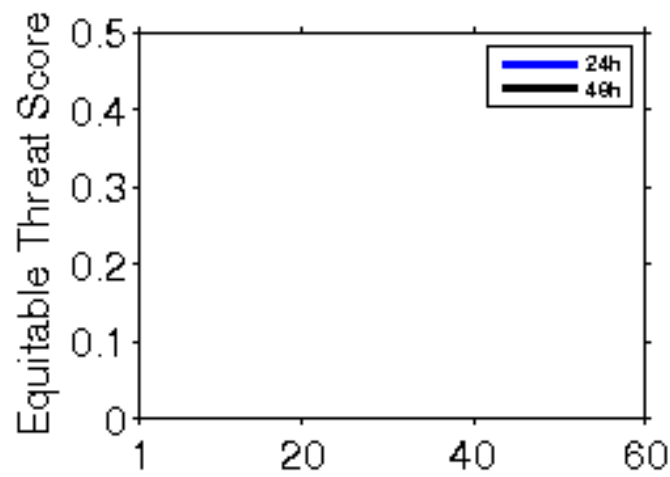


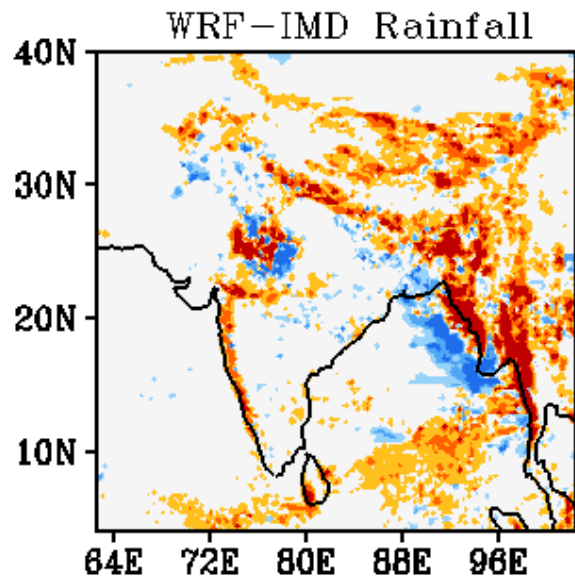
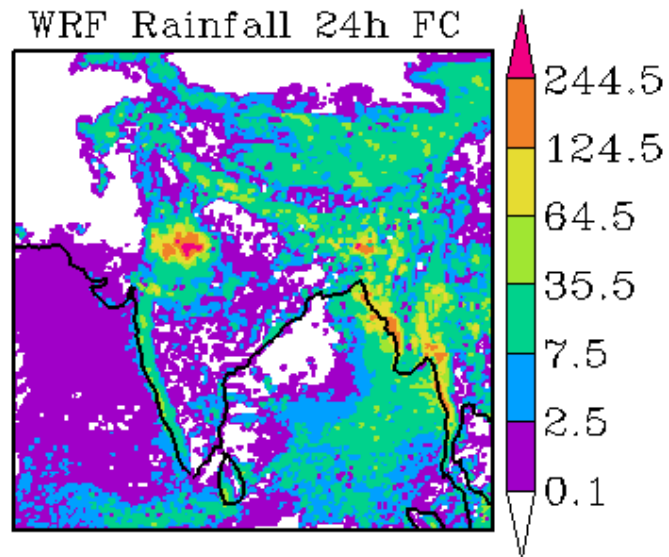
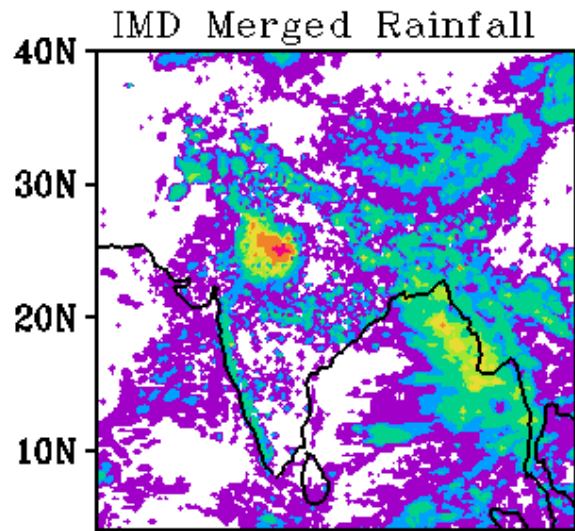
WRF Start Time

00Z 01082021

Forecast Period

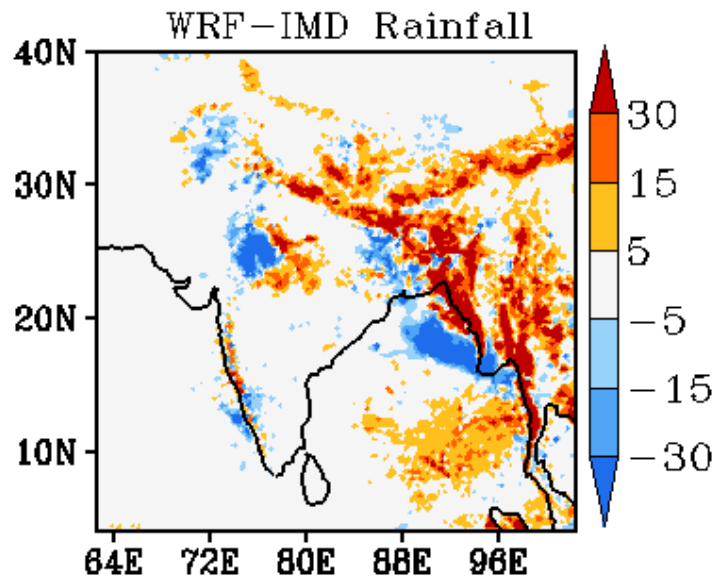
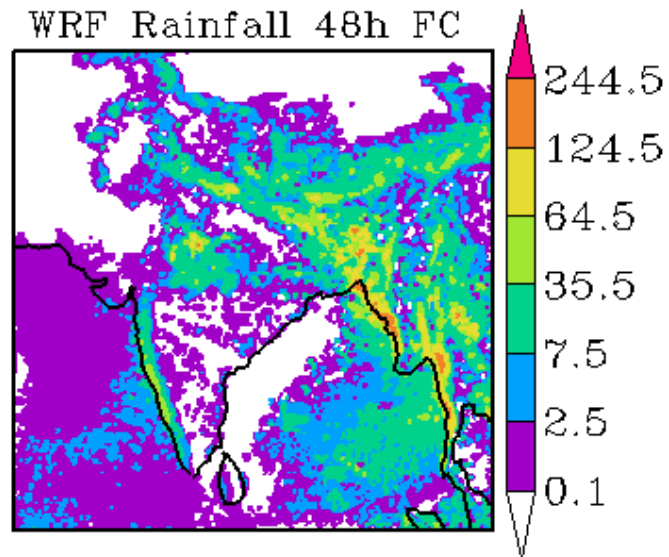
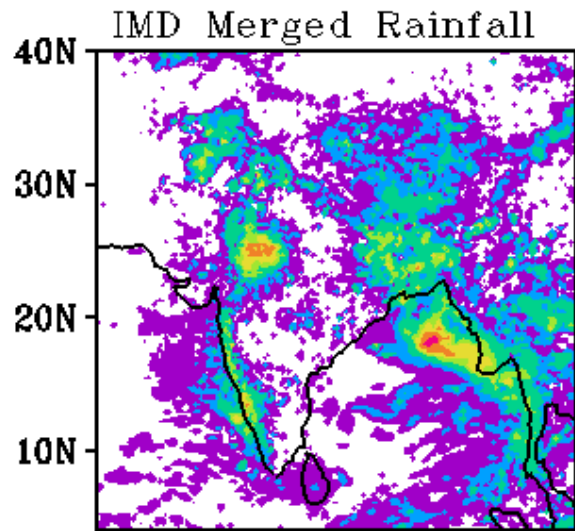
03Z 02082021-03Z 03082021





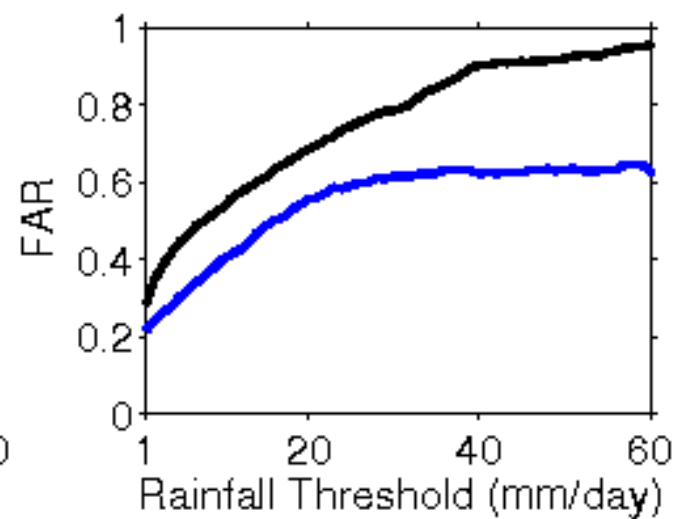
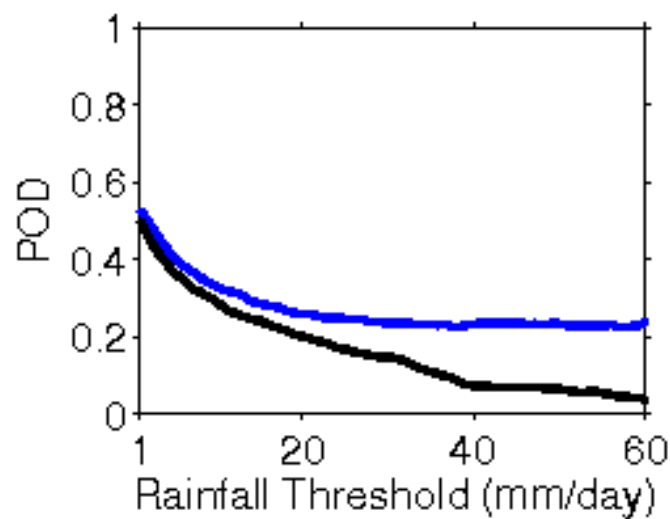
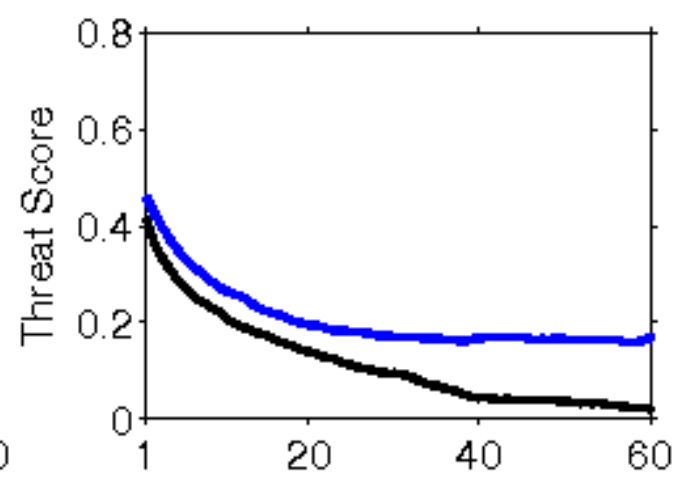
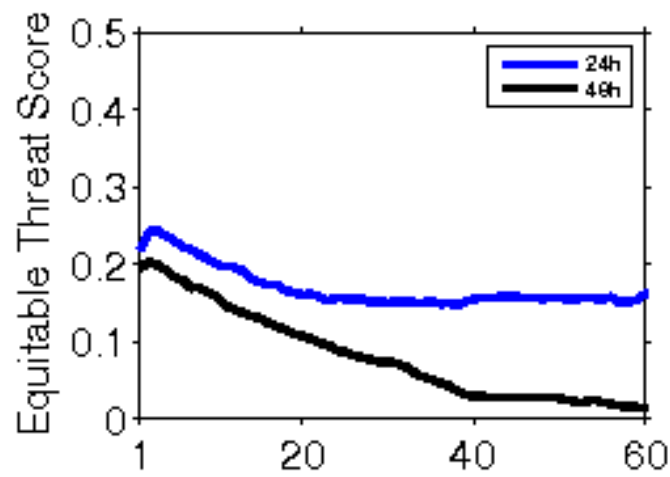
WRF Start Time
00Z 02082021

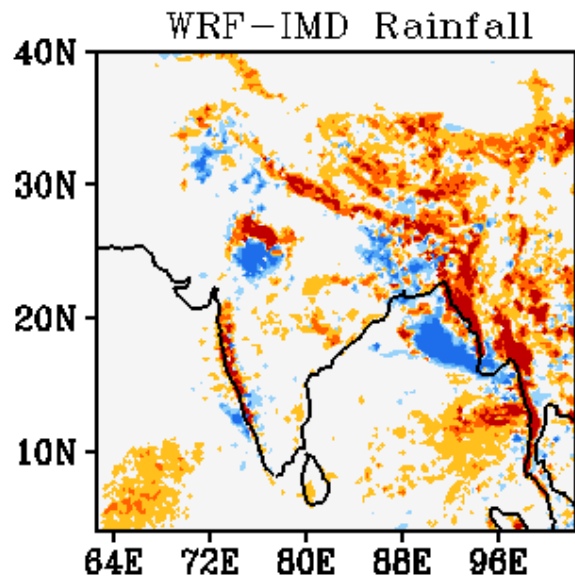
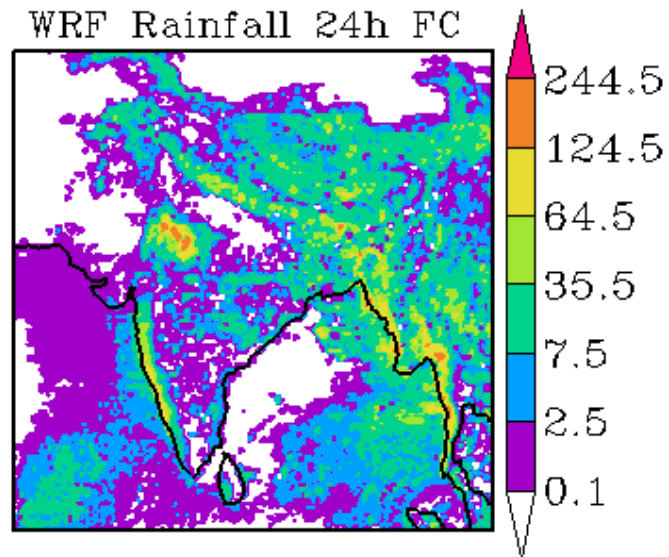
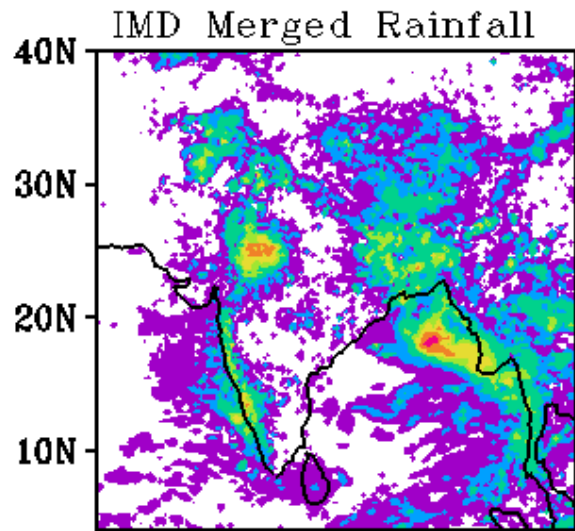
Forecast Period
03Z 02082021-03Z 03082021



WRF Start Time
00Z 02082021

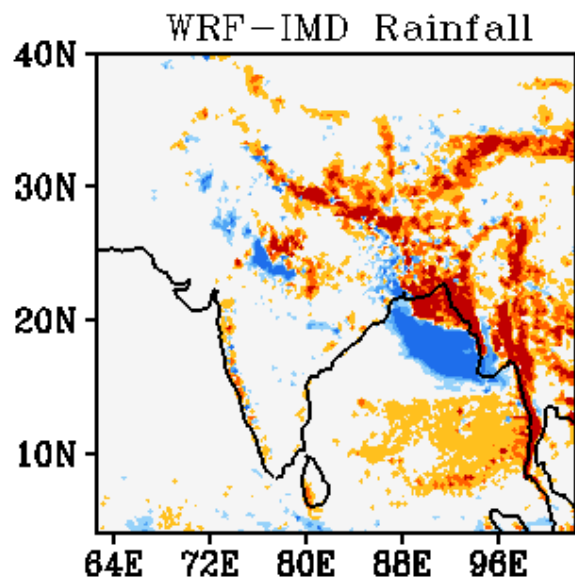
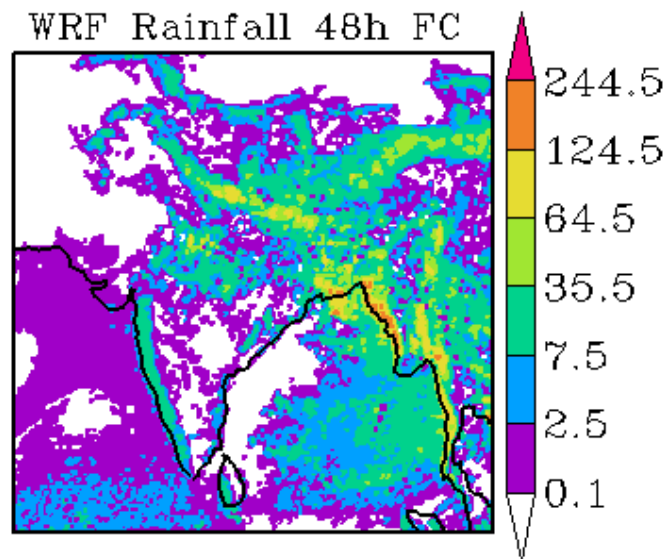
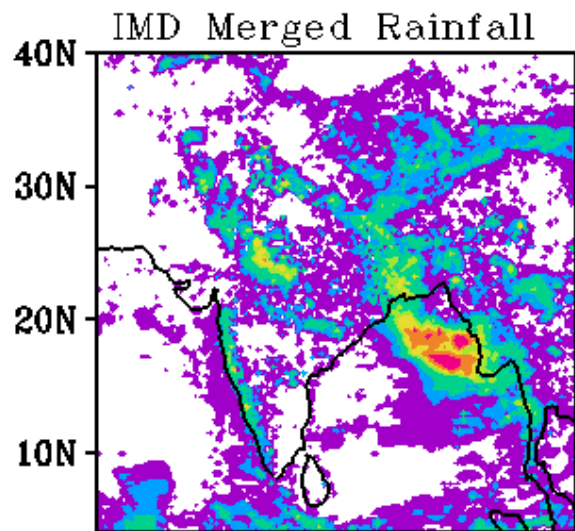
Forecast Period
03Z 03082021-03Z 04082021





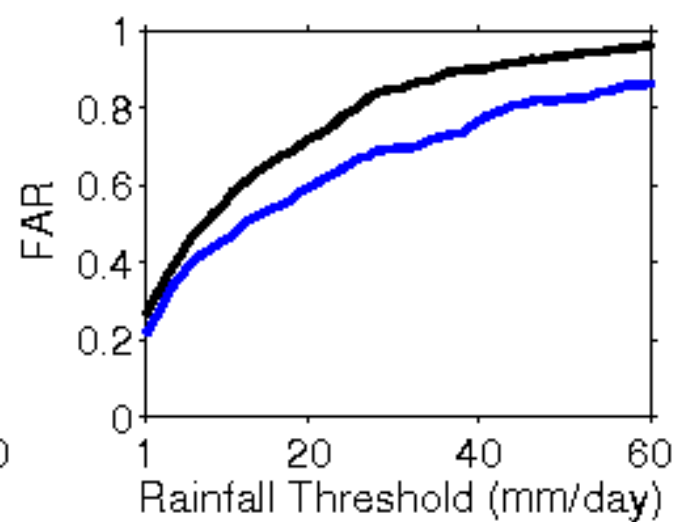
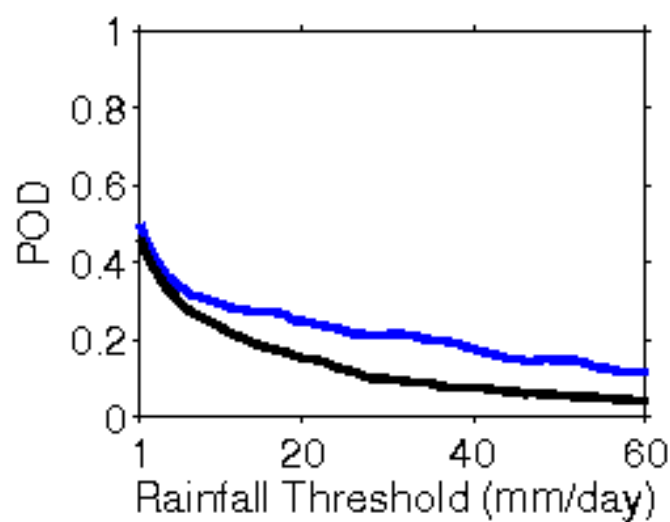
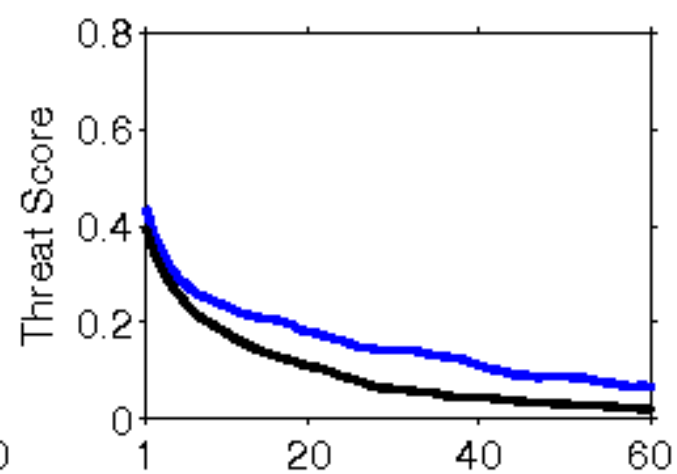
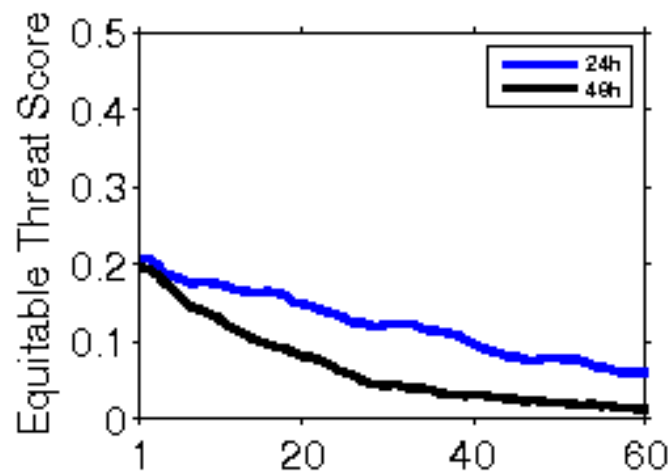
WRF Start Time
00Z 03082021

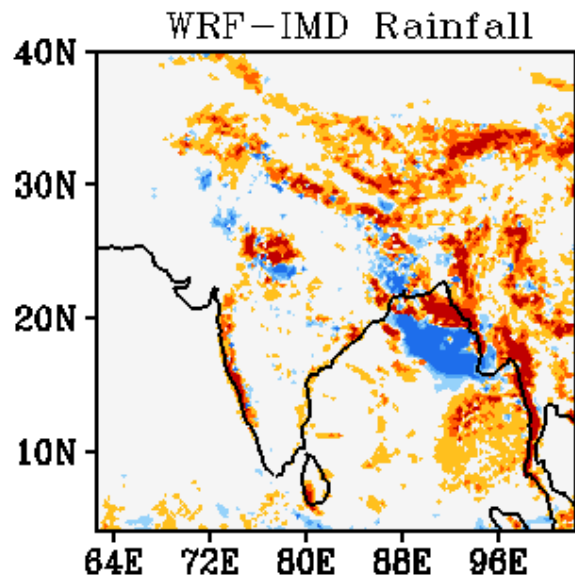
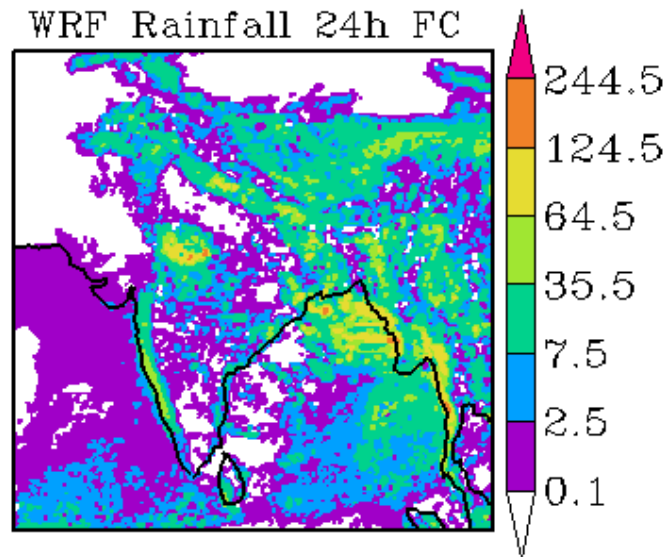
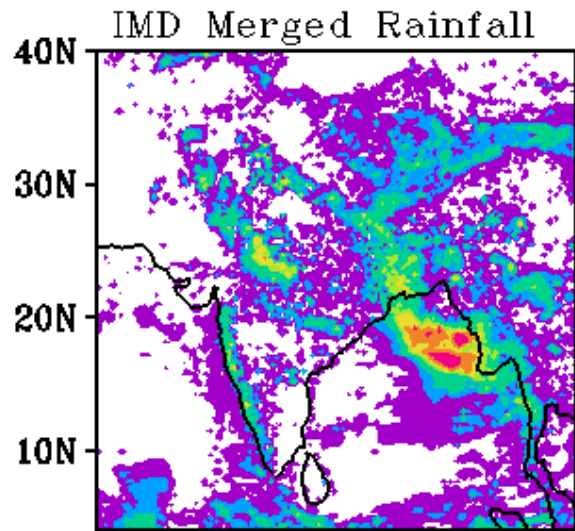
Forecast Period
03Z 03082021-03Z 04082021



WRF Start Time
00Z 03082021

Forecast Period
03Z 04082021-03Z 05082021

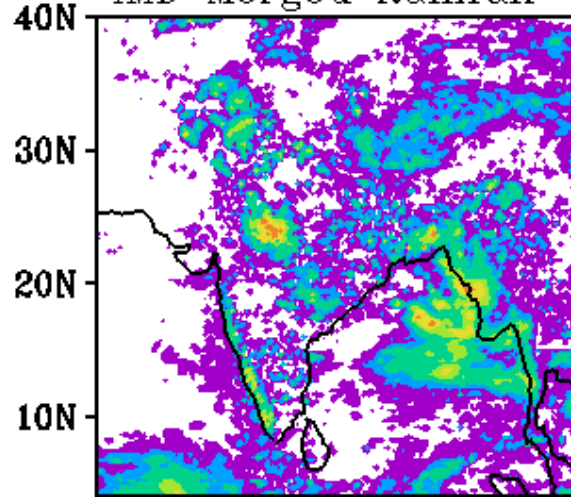




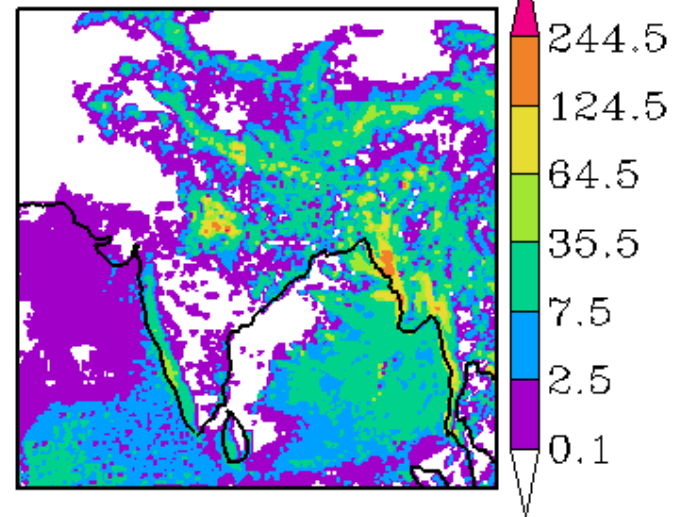
WRF Start Time
00Z 04082021

Forecast Period
03Z 04082021-03Z 05082021

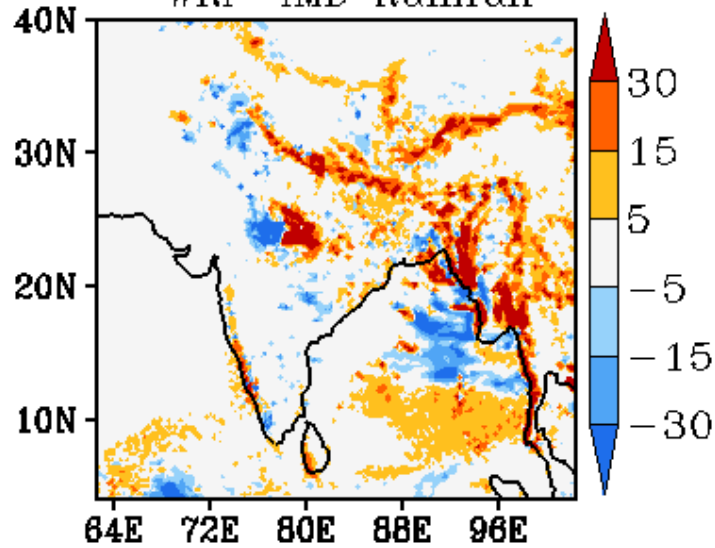
IMD Merged Rainfall



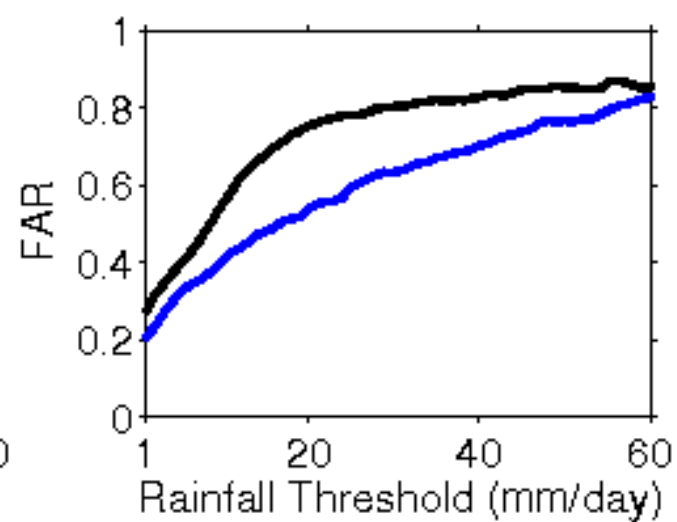
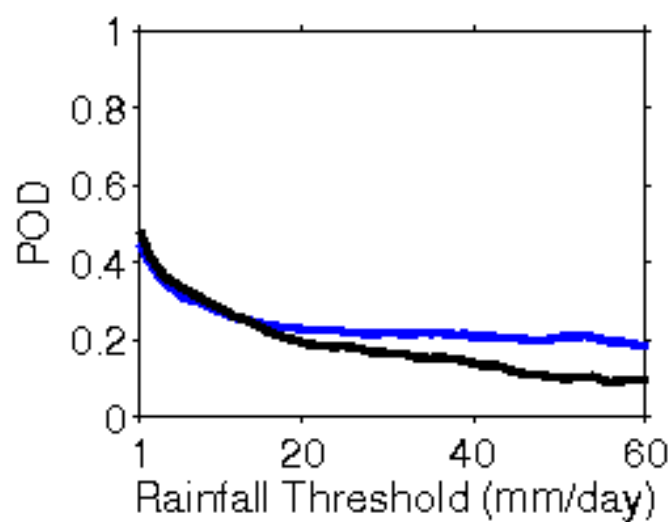
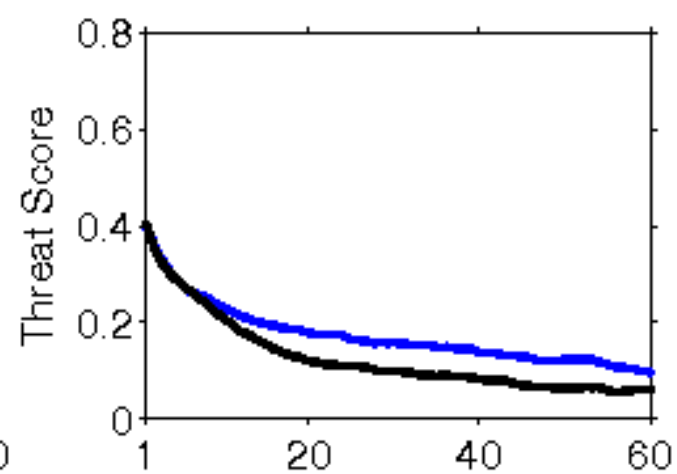
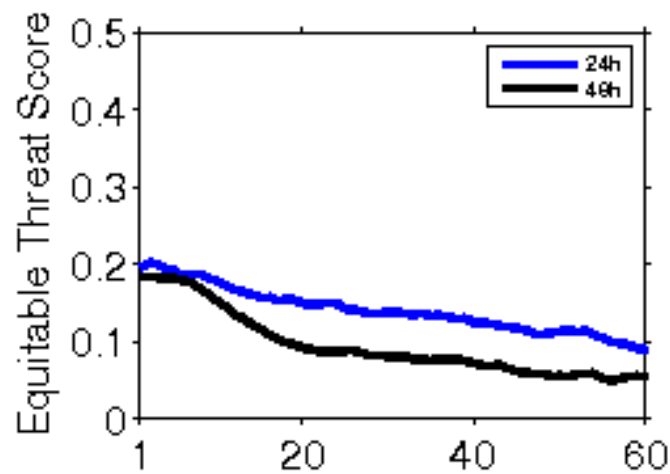
WRF Rainfall 48h FC

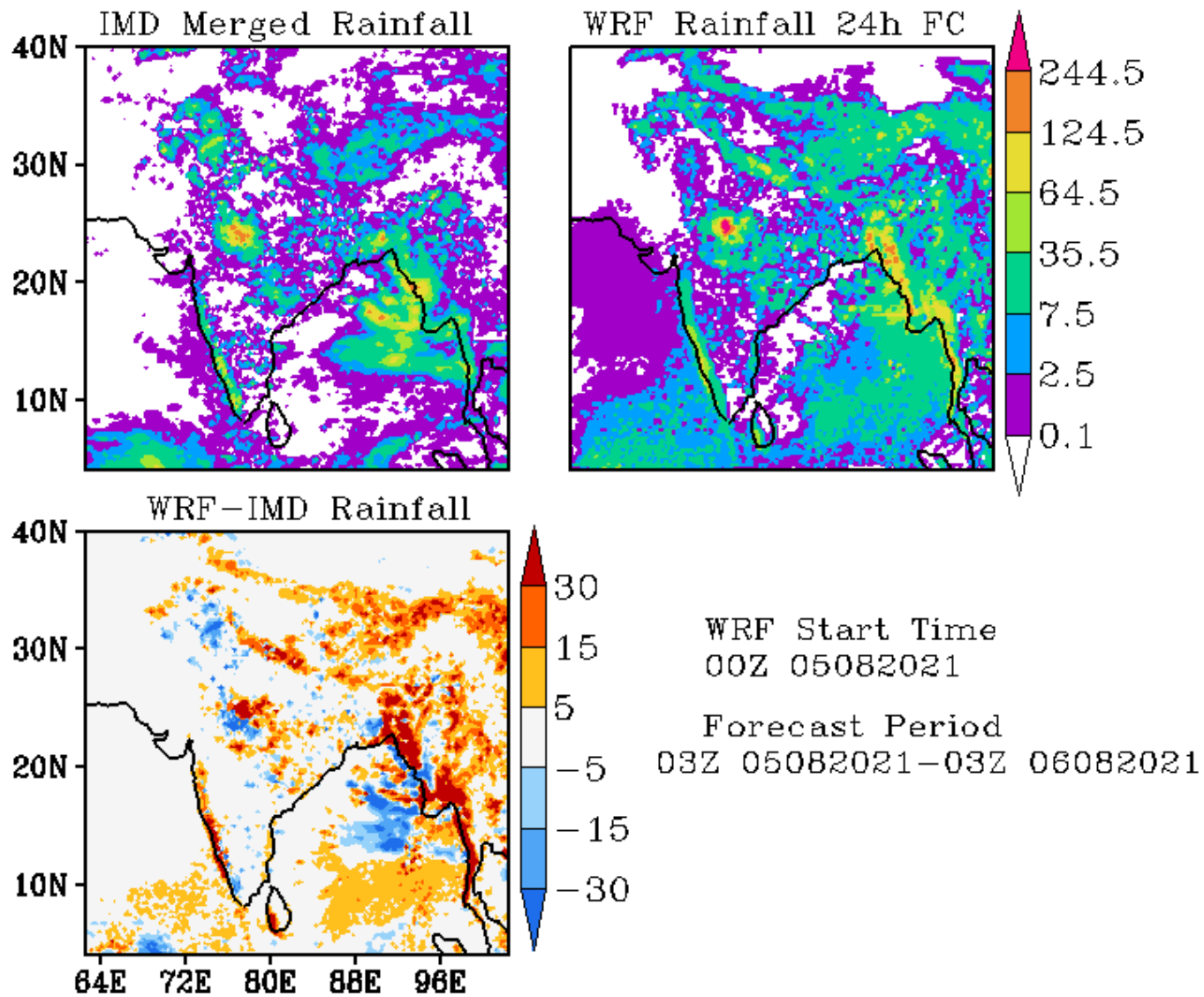


WRF-IMD Rainfall

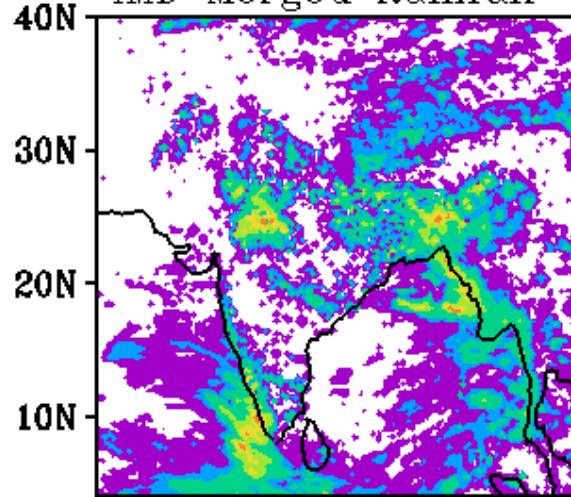


WRF Start Time
00Z 04082021
Forecast Period
03Z 05082021-03Z 06082021

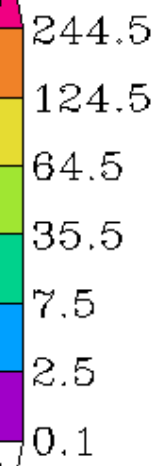
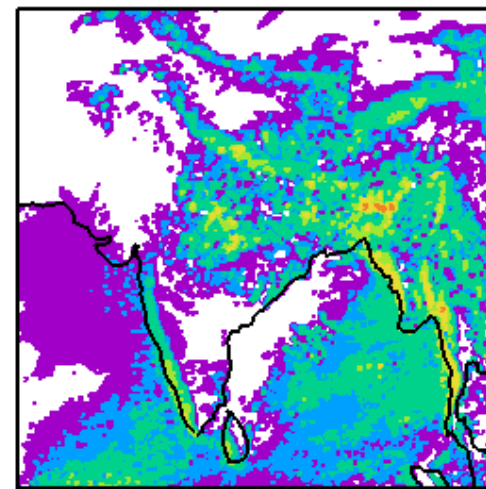




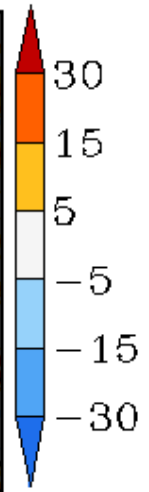
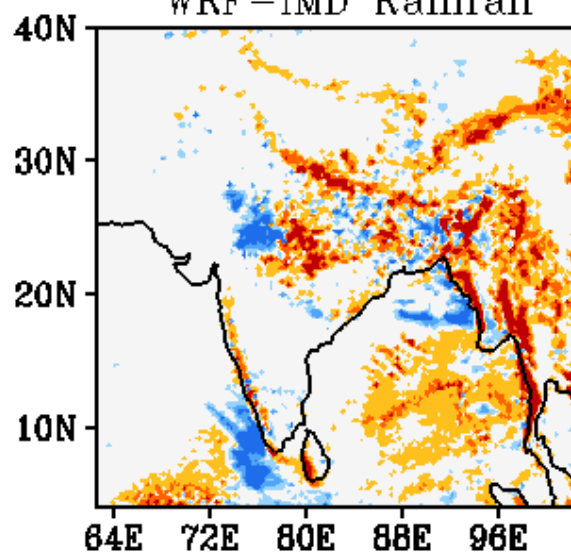
IMD Merged Rainfall



WRF Rainfall 48h FC

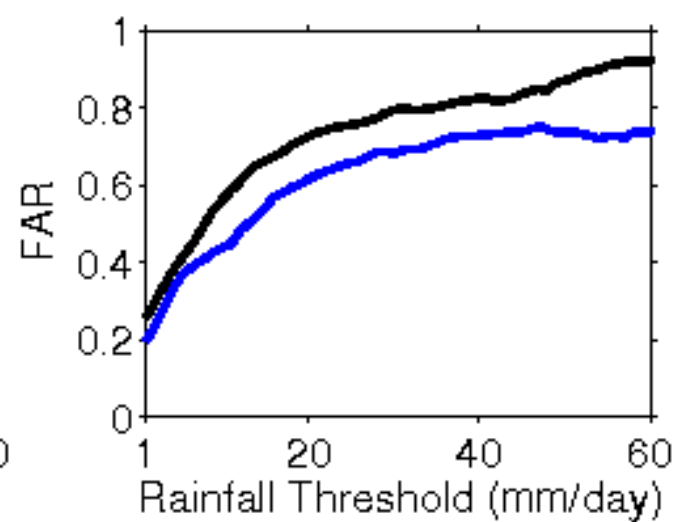
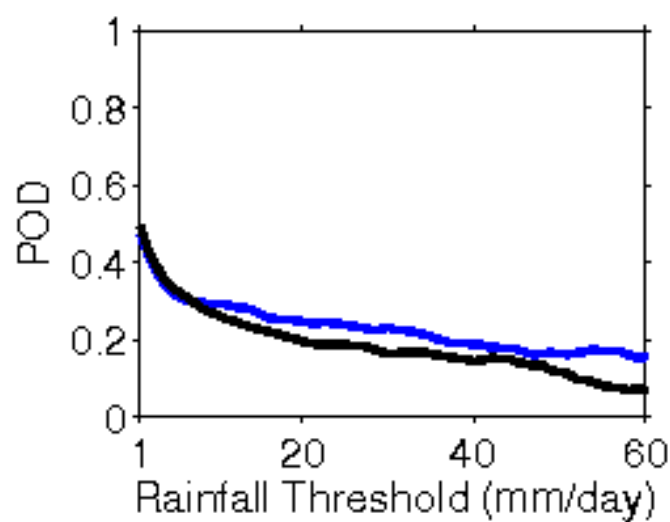
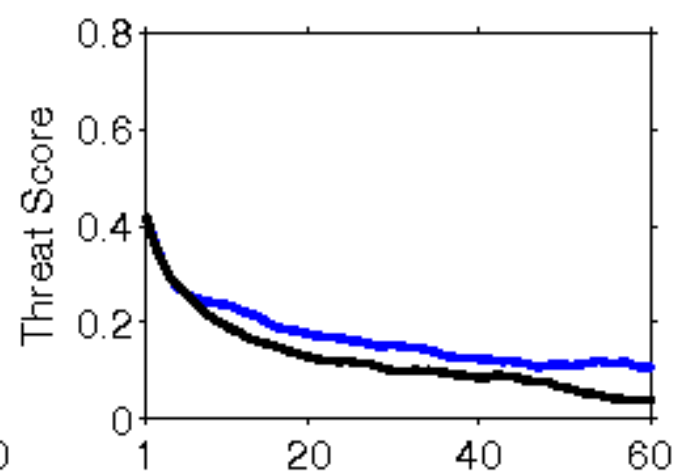
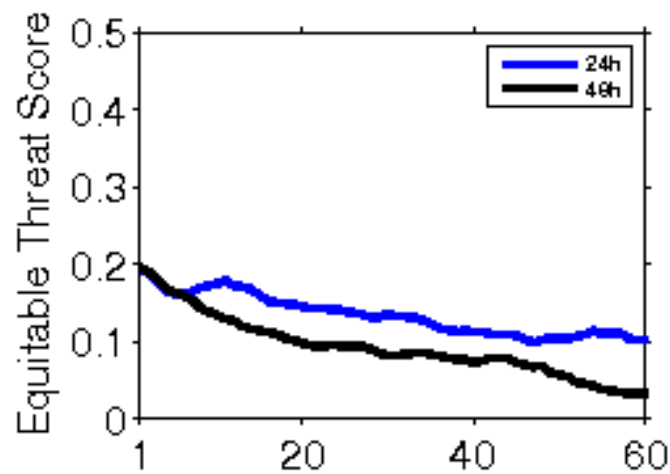


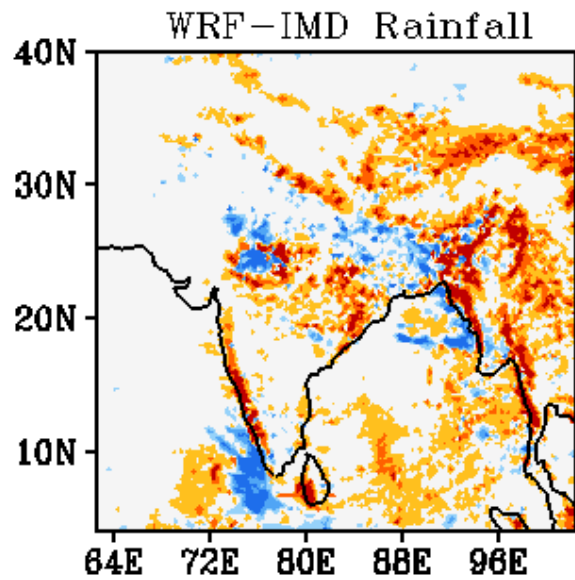
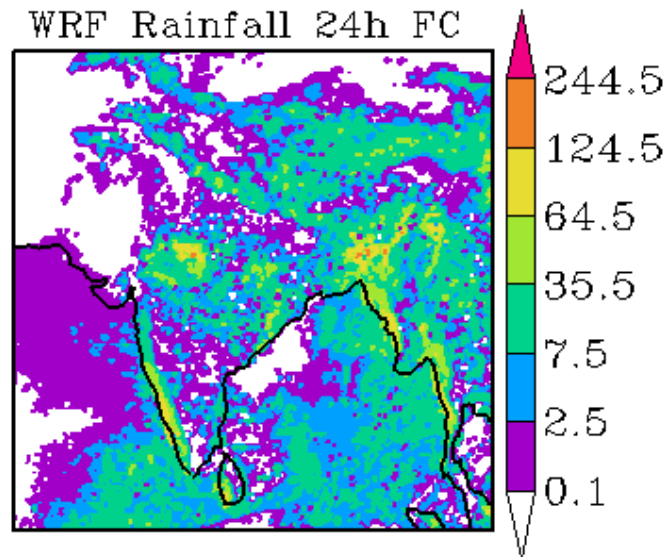
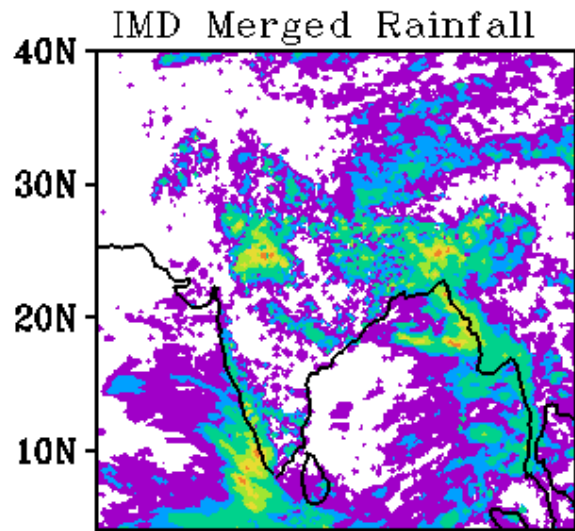
WRF-IMD Rainfall



WRF Start Time
00Z 05082021

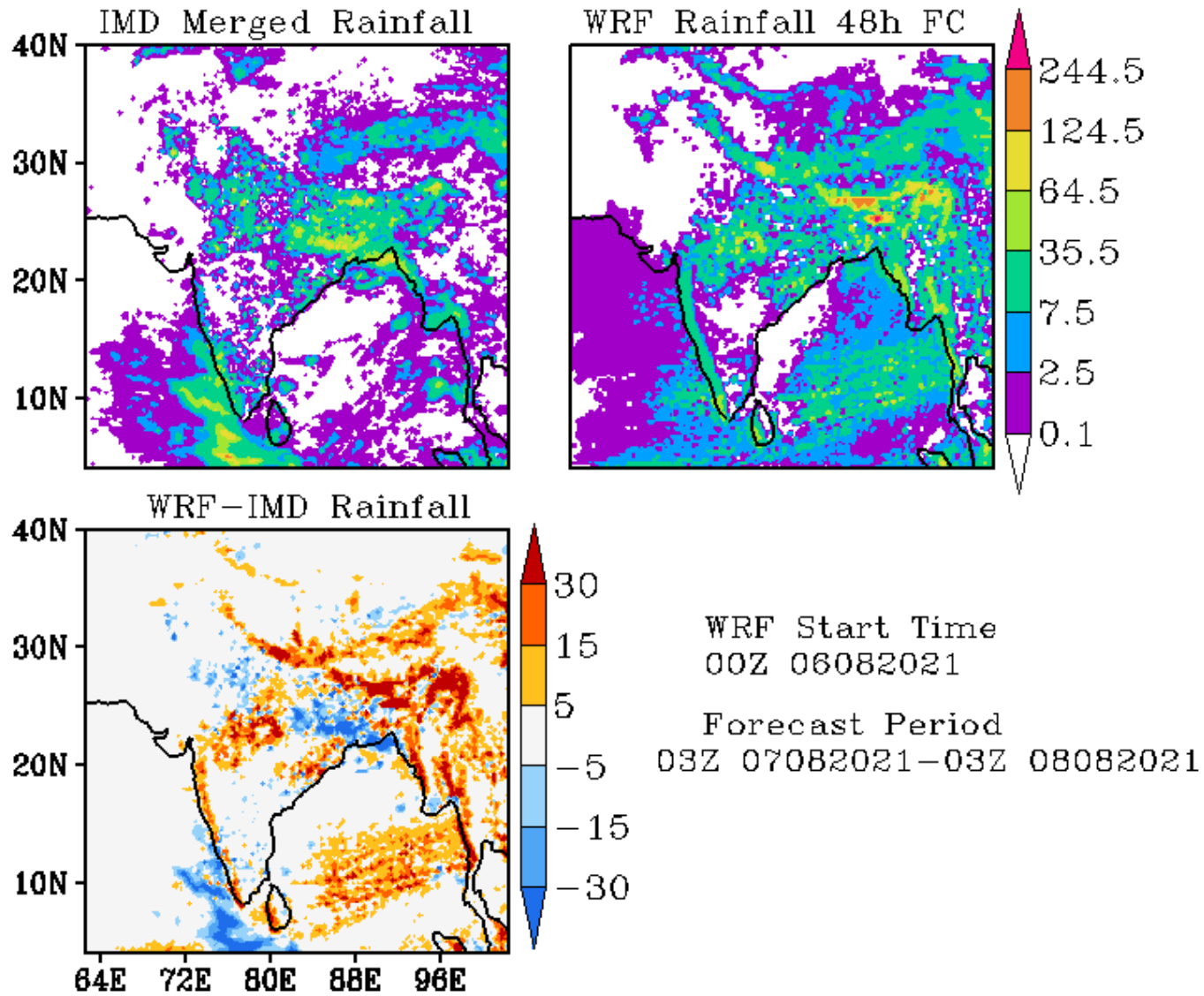
Forecast Period
03Z 06082021-03Z 07082021

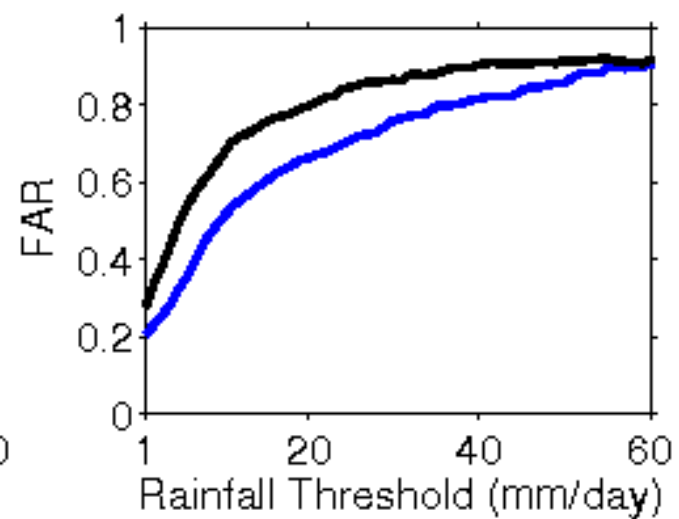
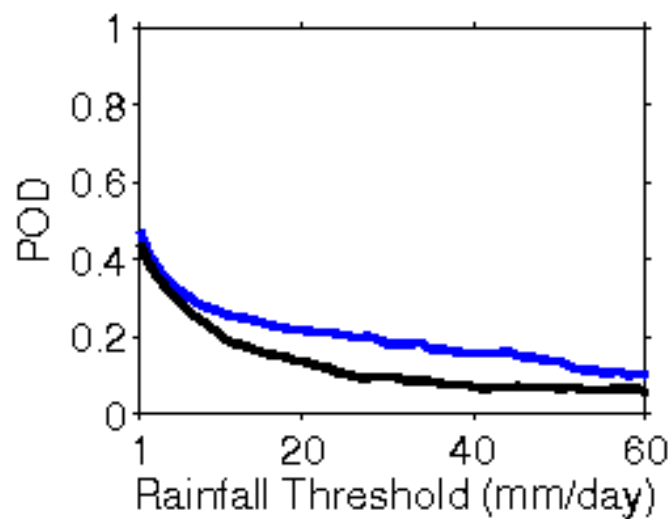
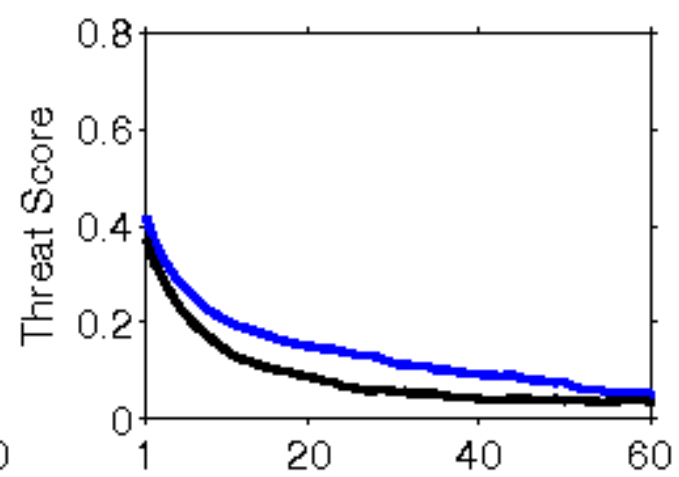
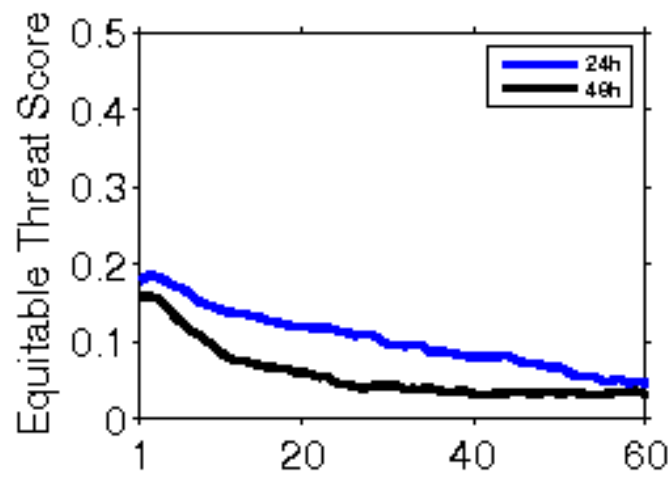


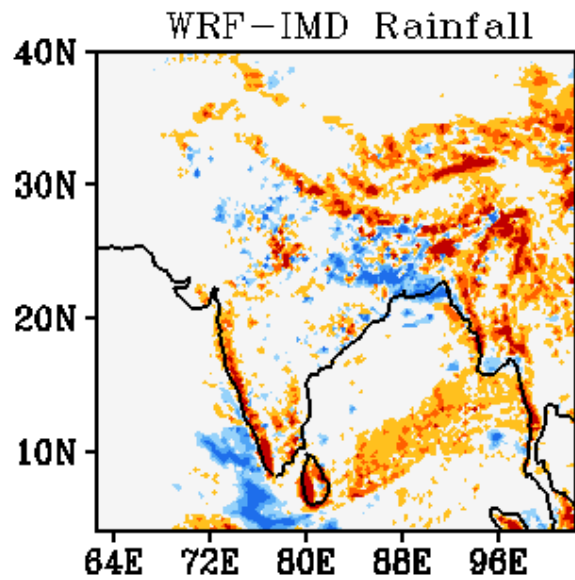
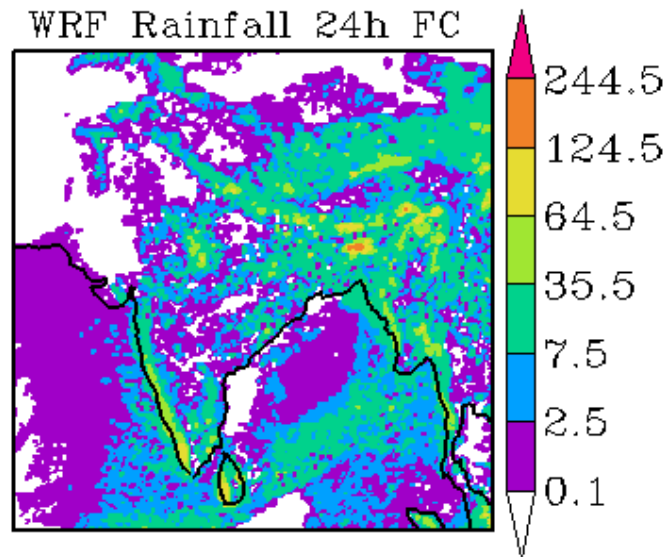
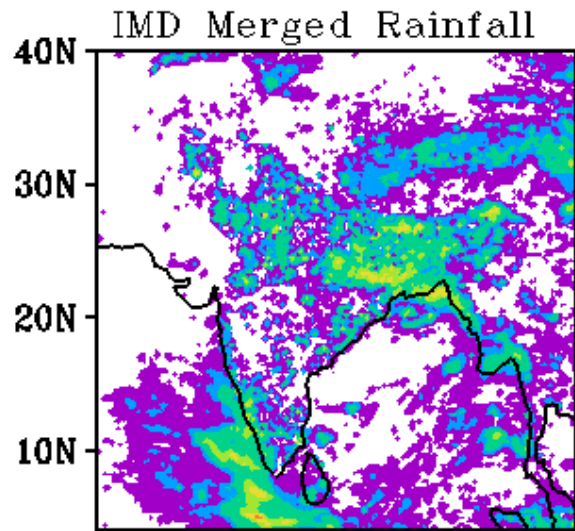


WRF Start Time
00Z 06082021

Forecast Period
03Z 06082021-03Z 07082021

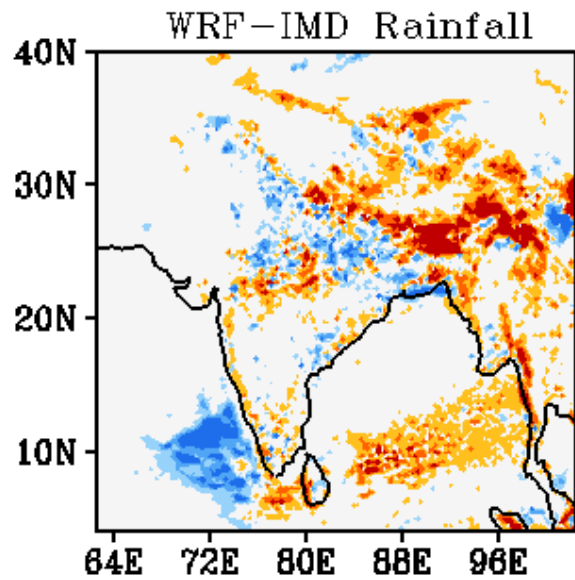
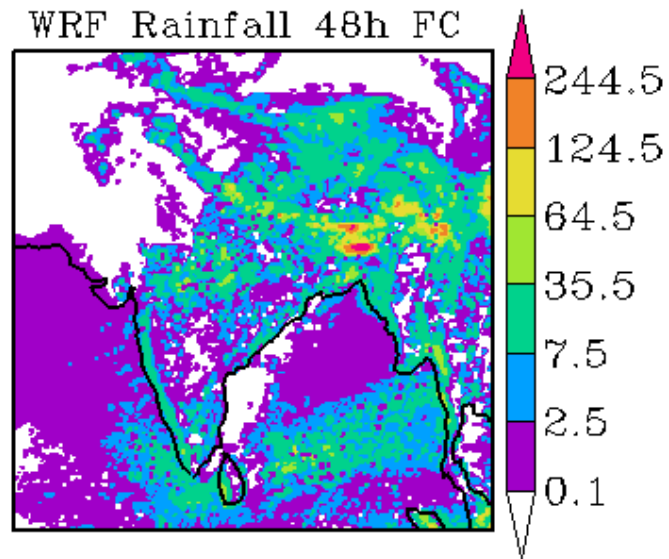
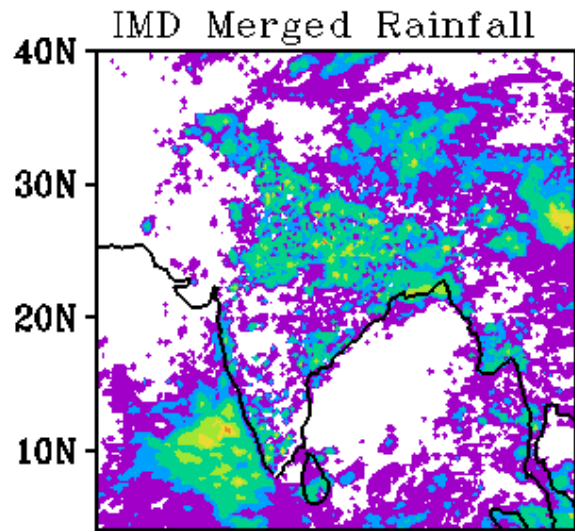






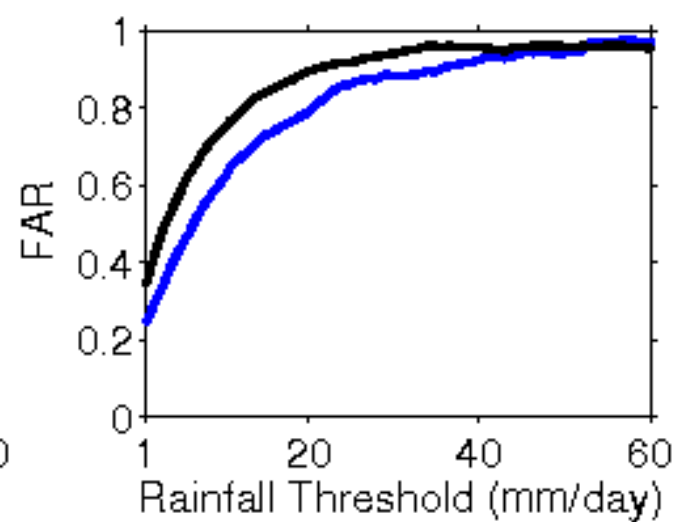
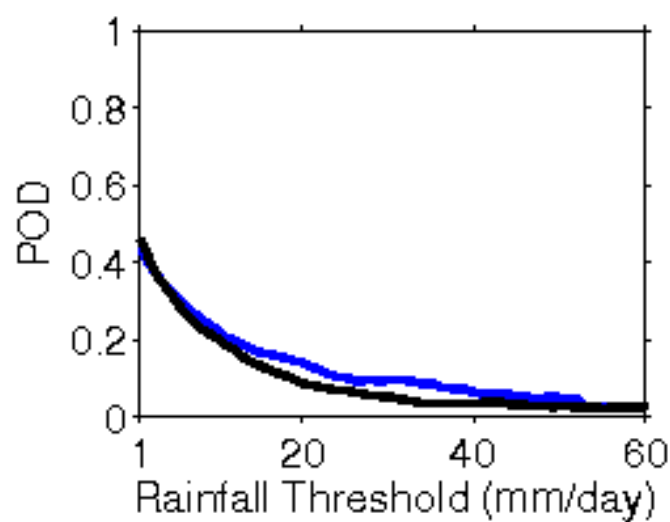
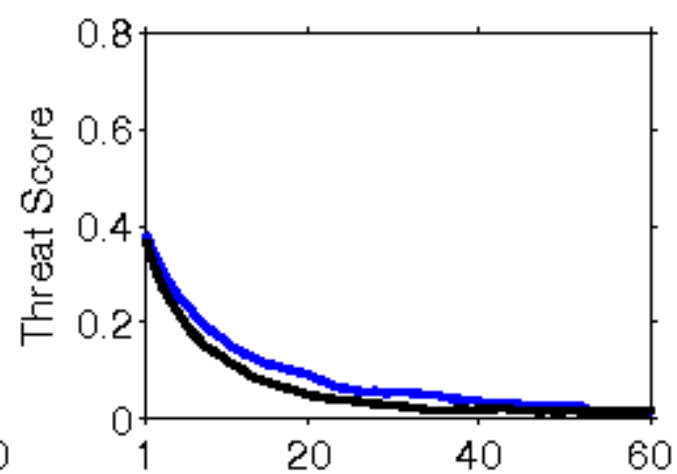
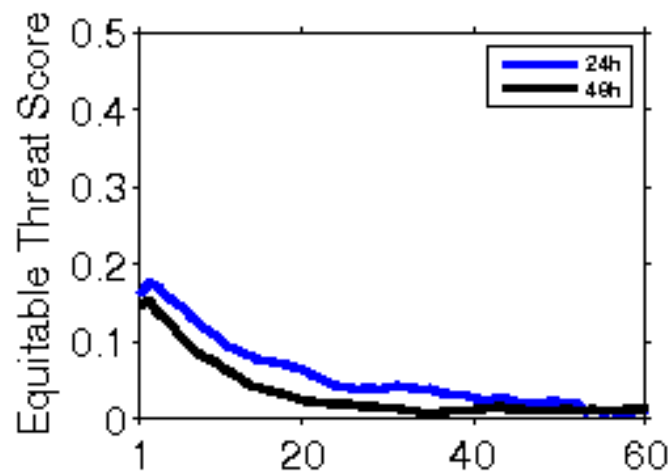
WRF Start Time
00Z 07082021

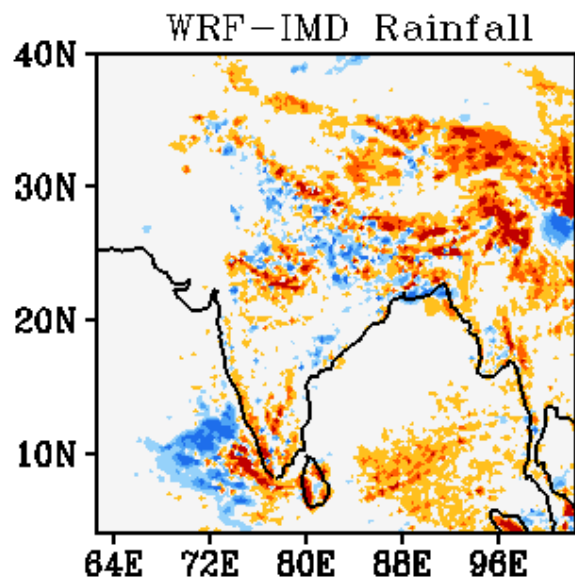
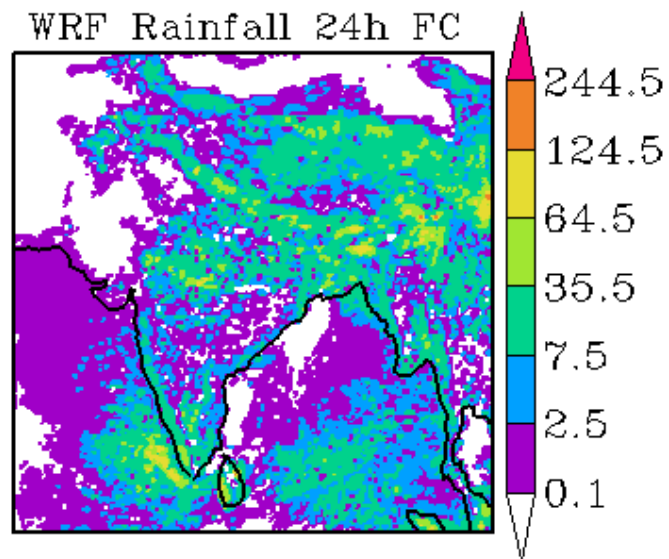
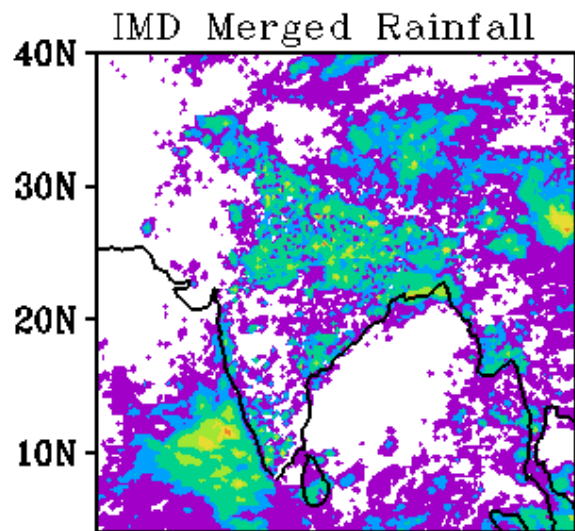
Forecast Period
03Z 07082021-03Z 08082021



WRF Start Time
00Z 07082021

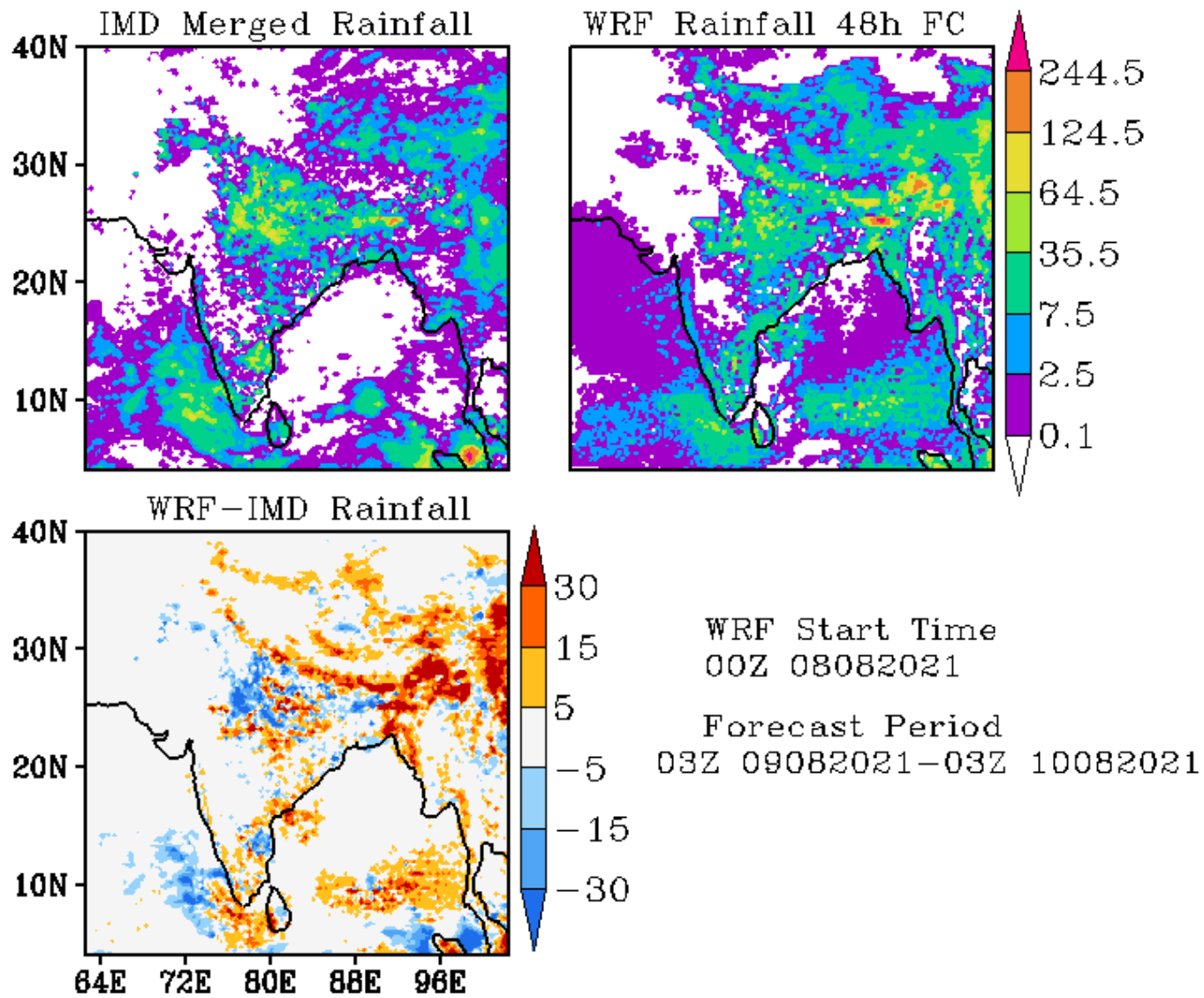
Forecast Period
03Z 08082021-03Z 09082021

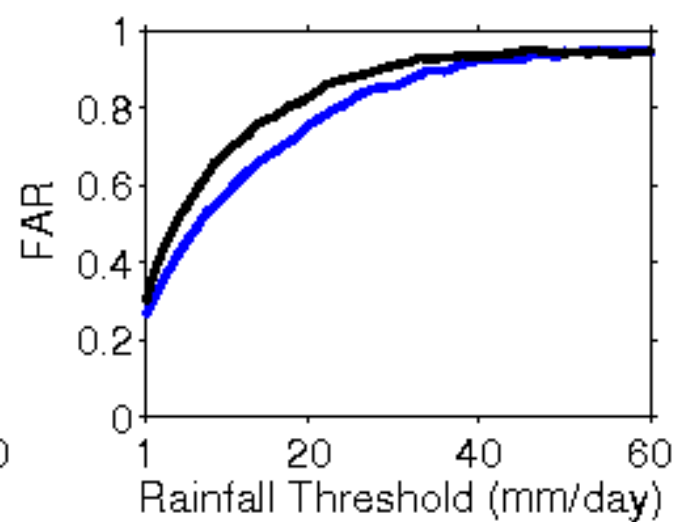
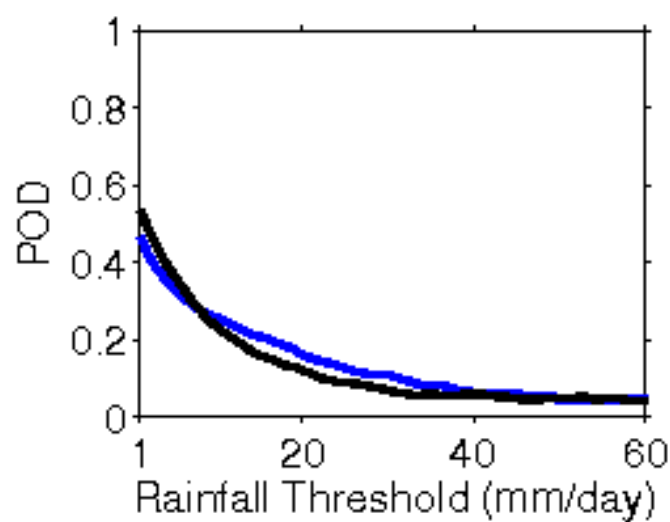
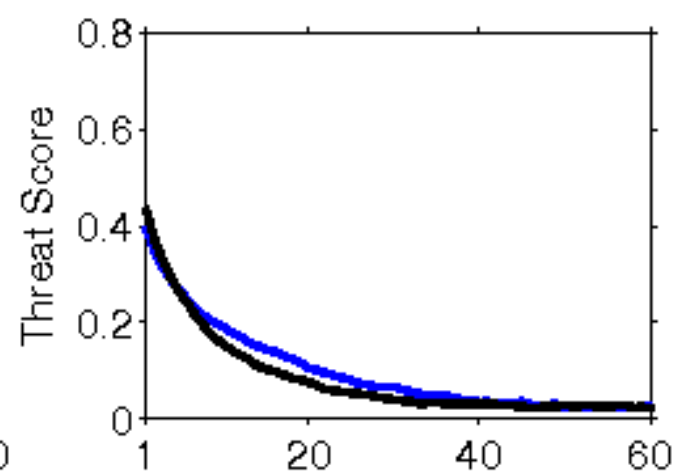
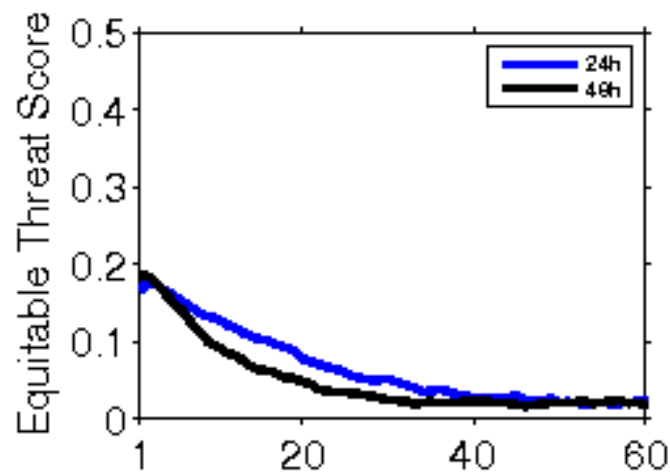




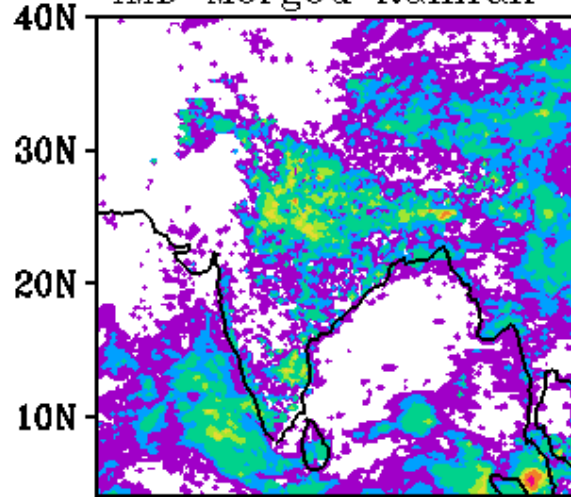
WRF Start Time
00Z 08082021

Forecast Period
03Z 08082021-03Z 09082021

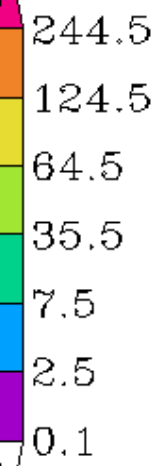
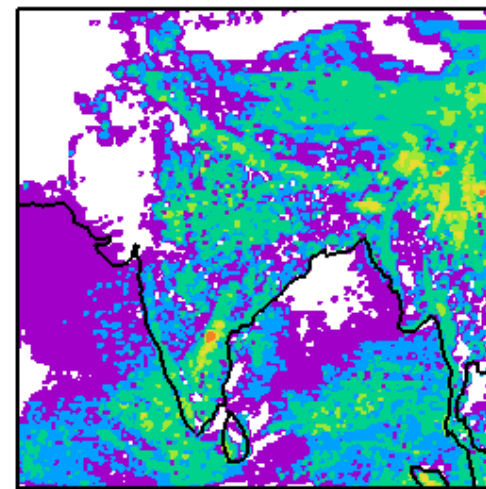




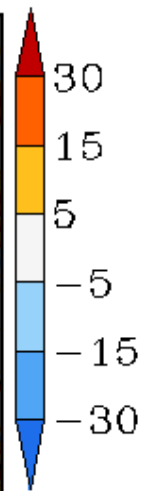
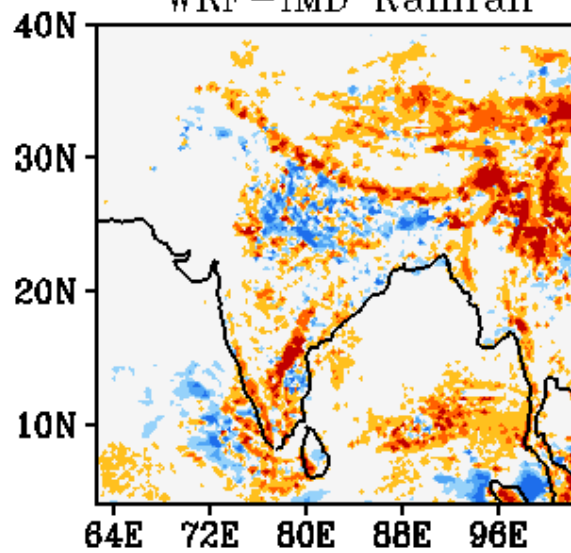
IMD Merged Rainfall



WRF Rainfall 24h FC

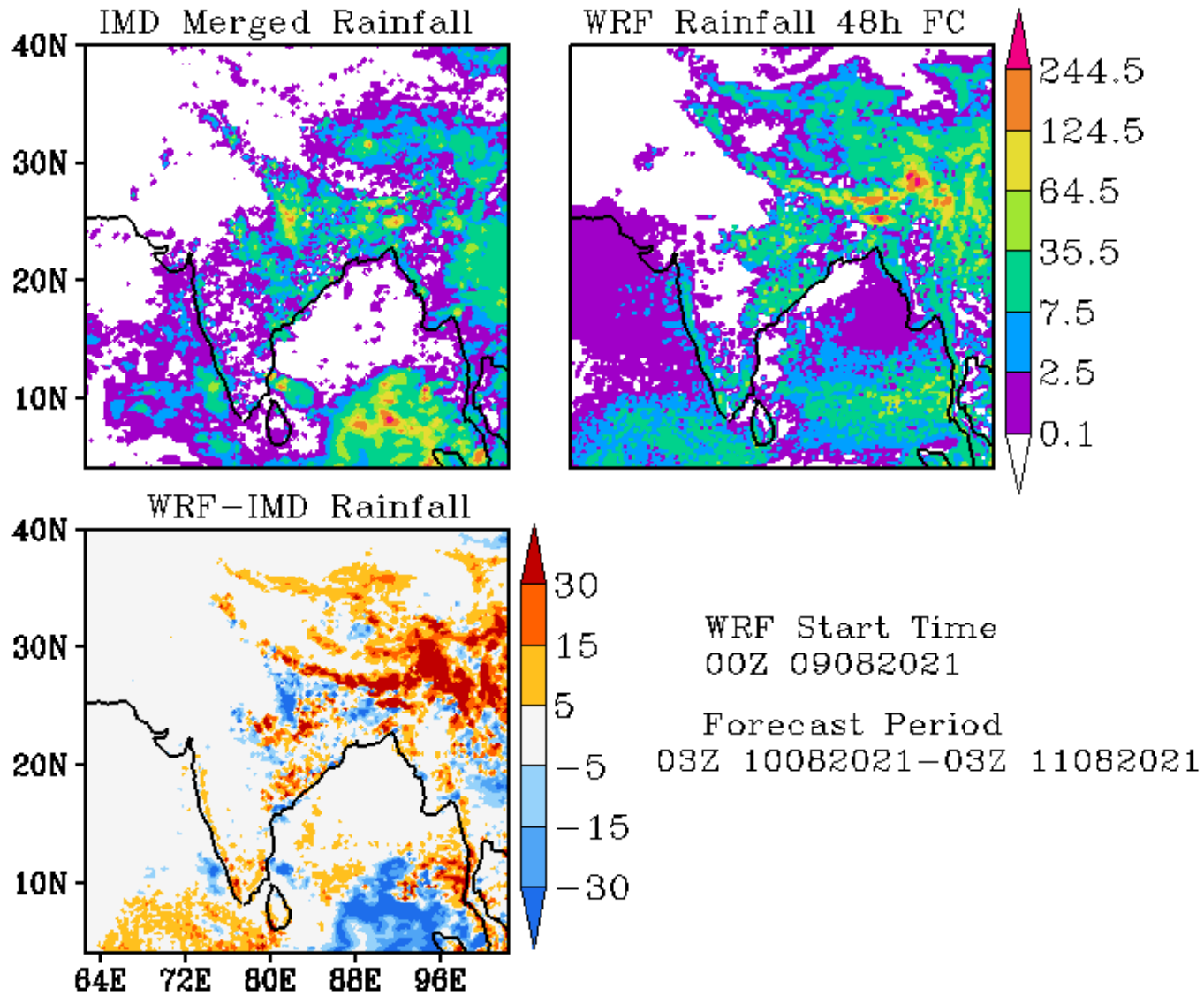


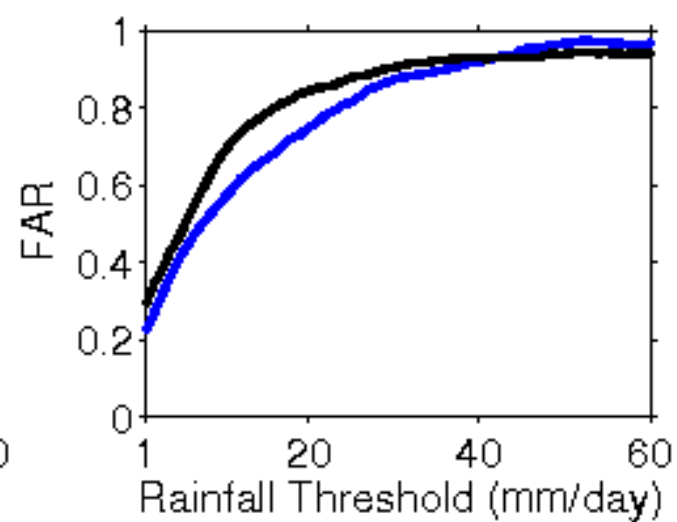
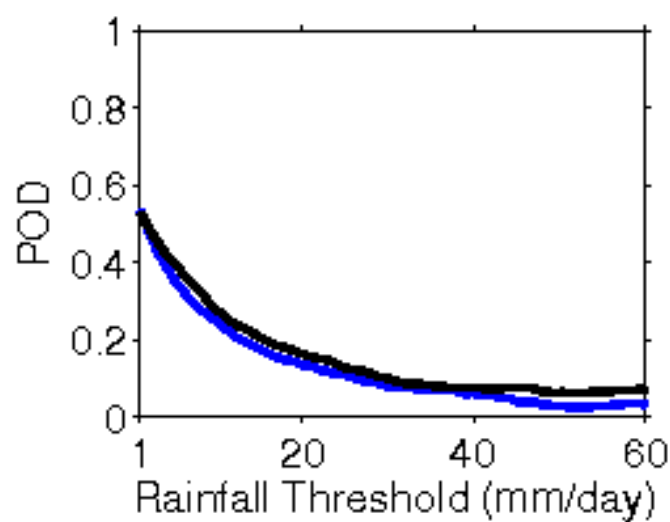
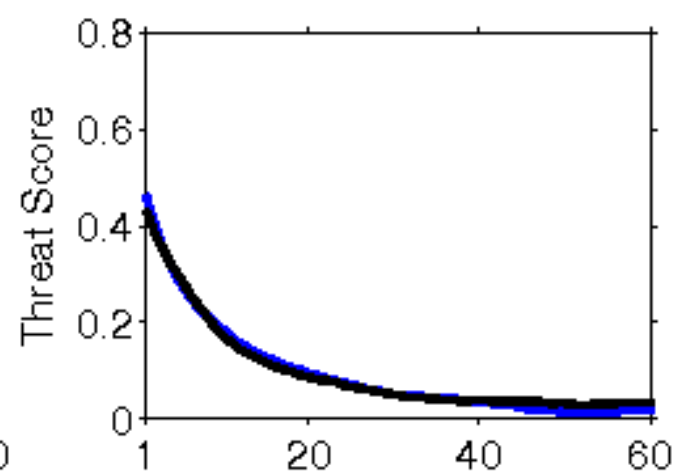
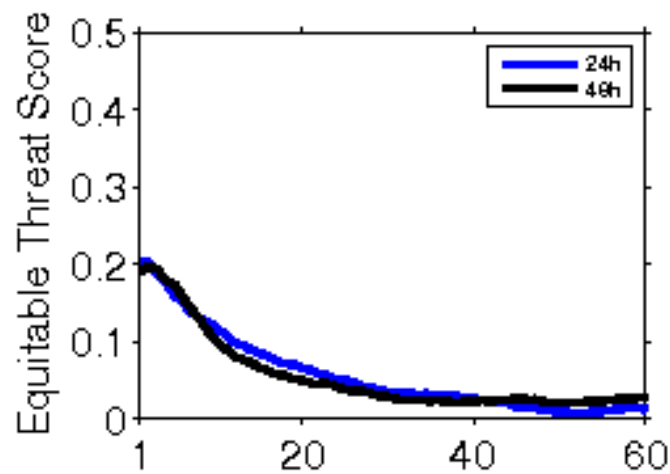
WRF-IMD Rainfall



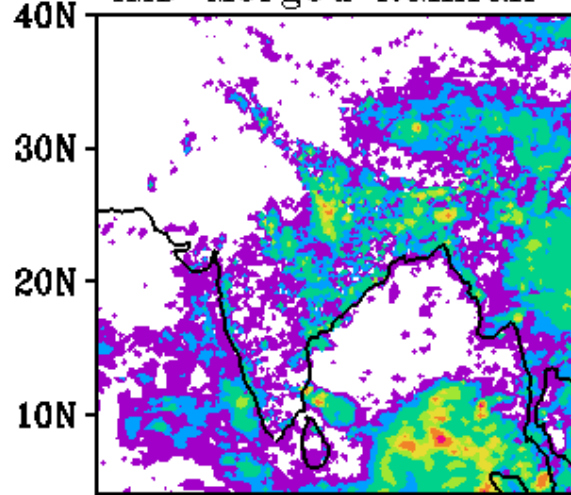
WRF Start Time
00Z 09082021

Forecast Period
03Z 09082021-03Z 10082021

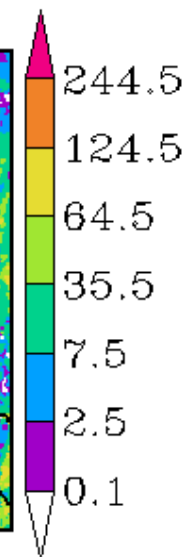
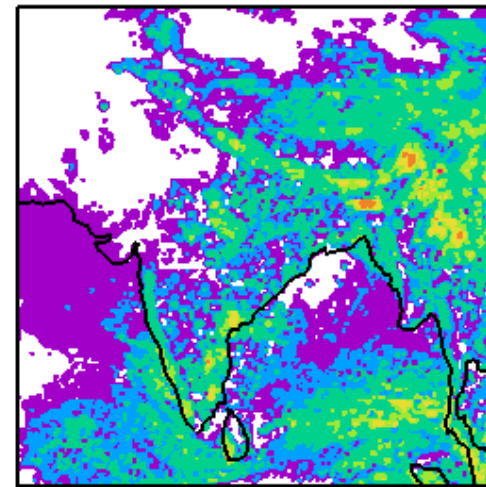




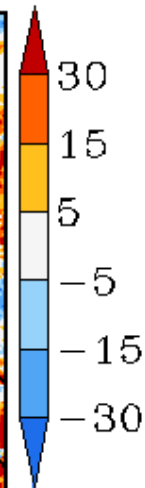
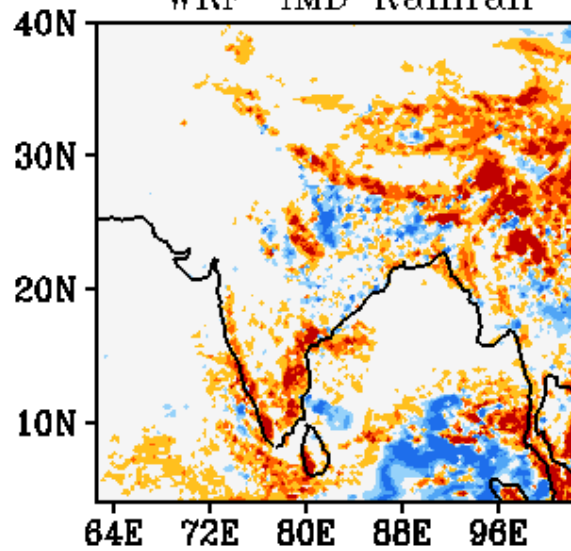
IMD Merged Rainfall



WRF Rainfall 24h FC

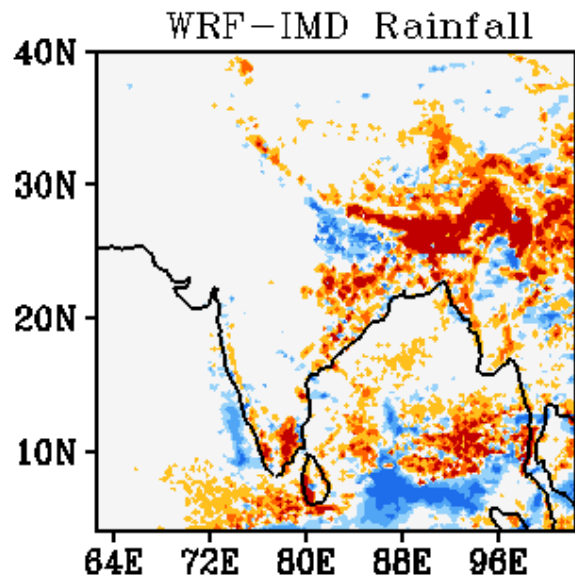
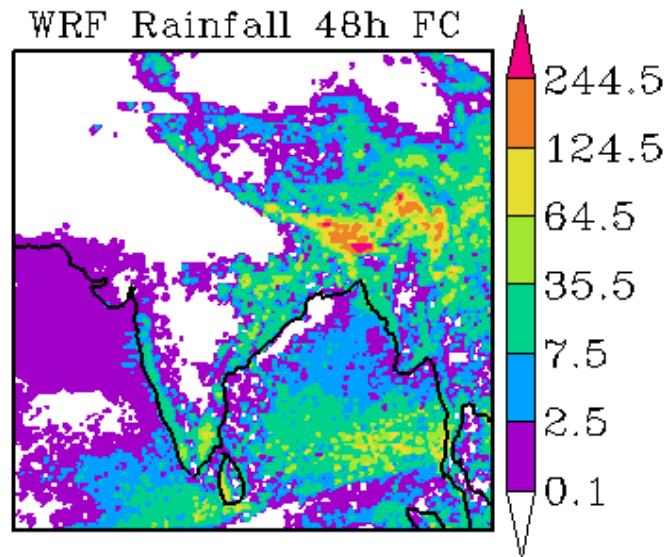
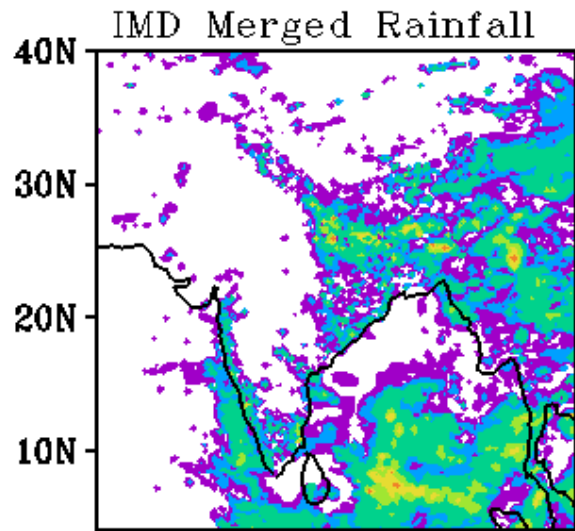


WRF-IMD Rainfall



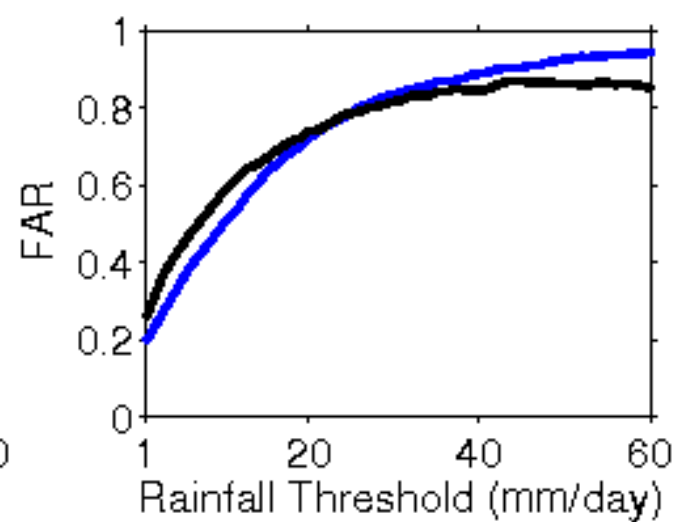
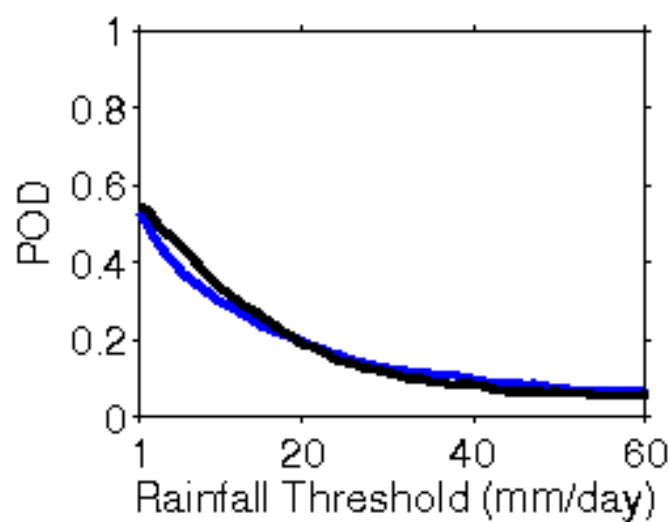
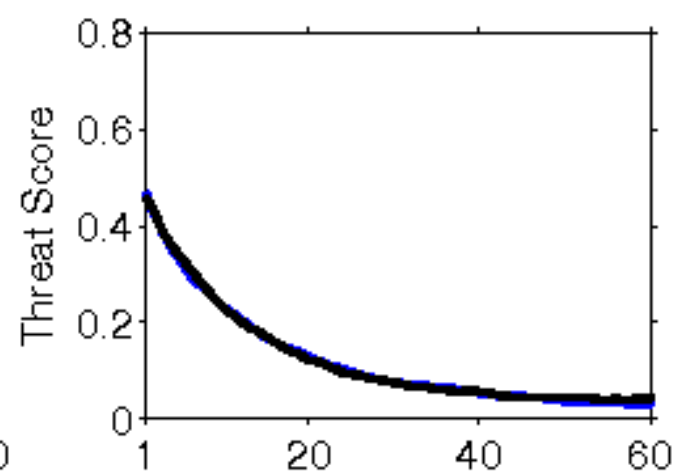
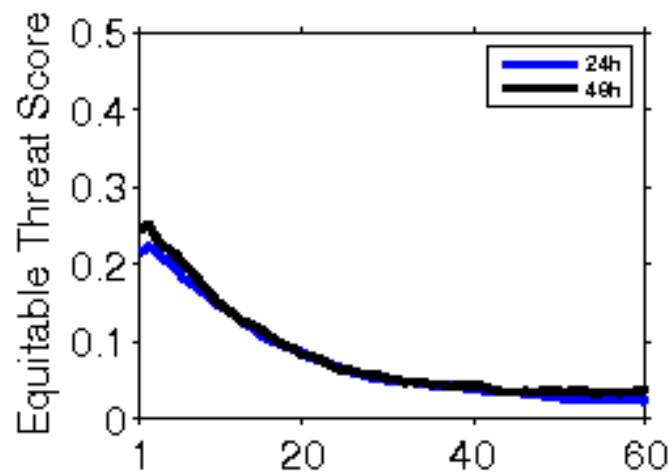
WRF Start Time
00Z 10082021

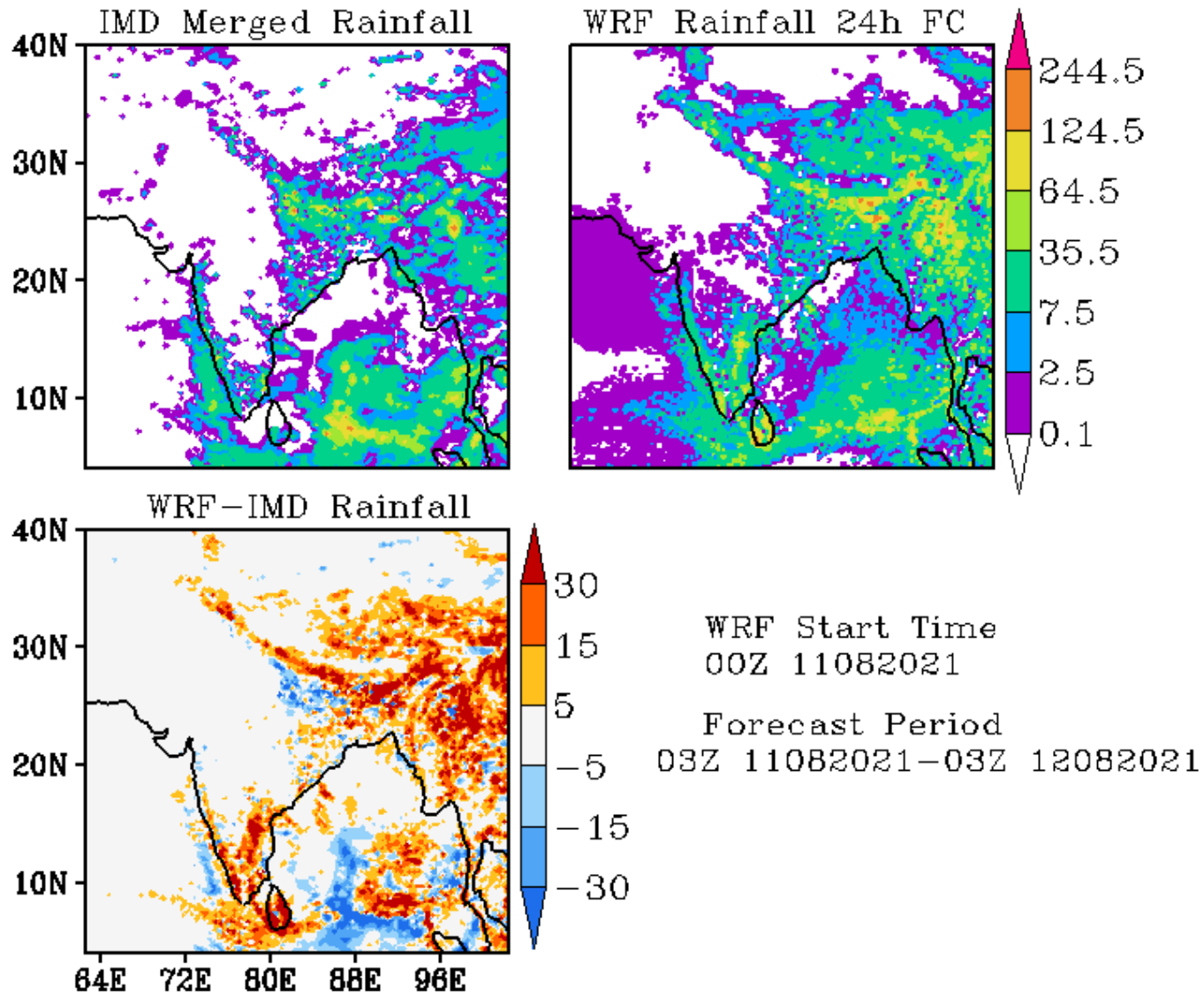
Forecast Period
03Z 10082021-03Z 11082021

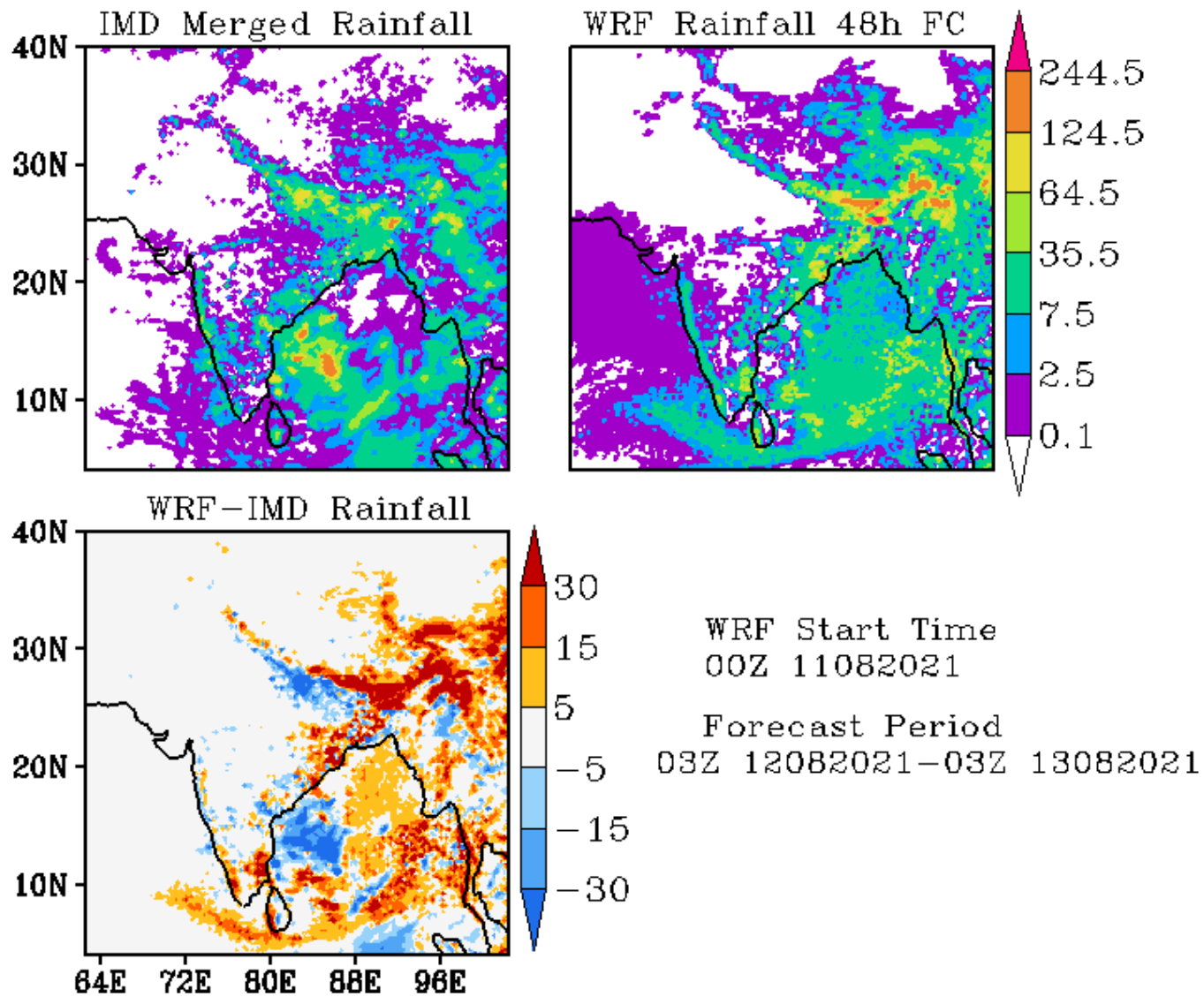


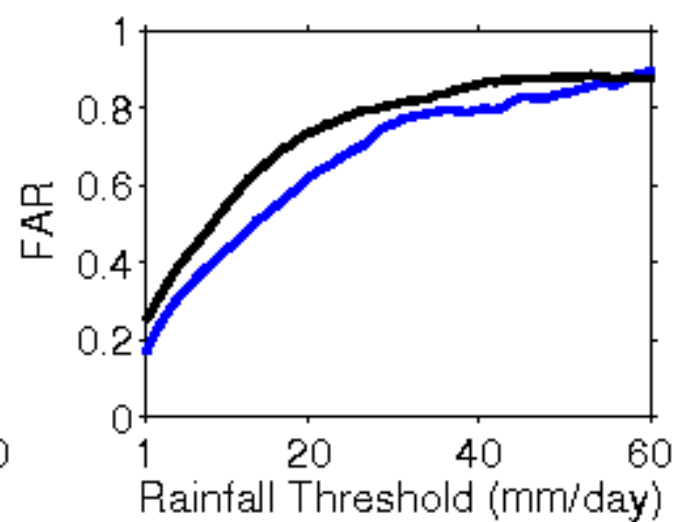
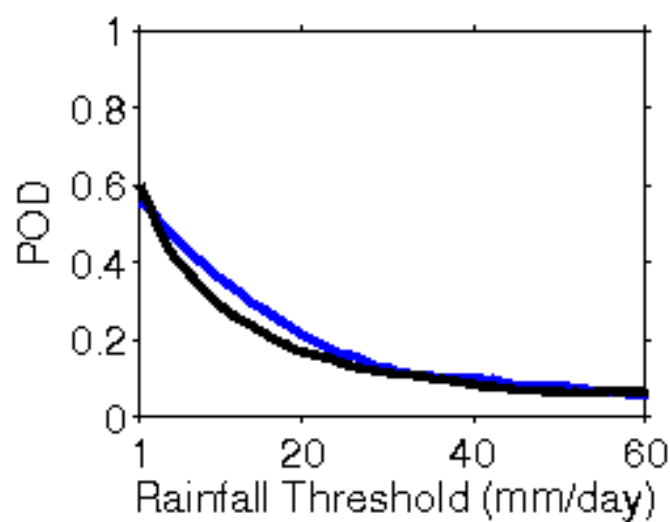
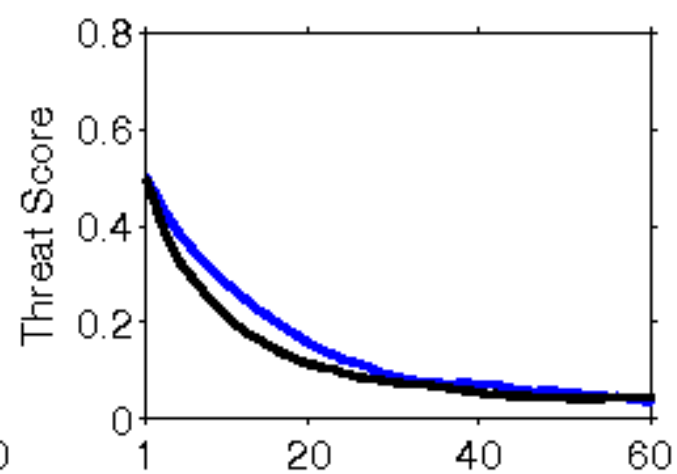
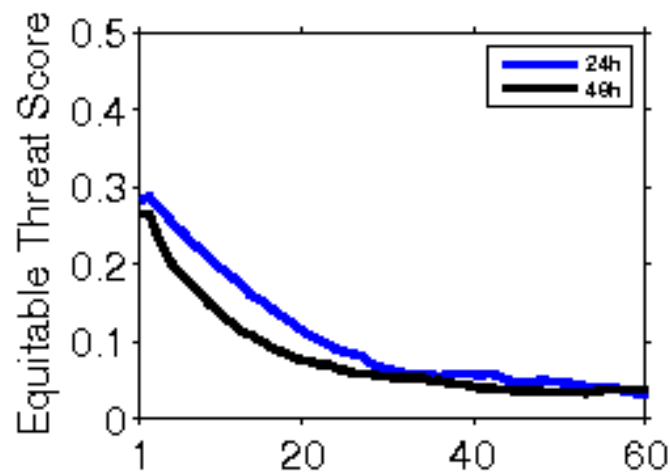
WRF Start Time
00Z 10082021

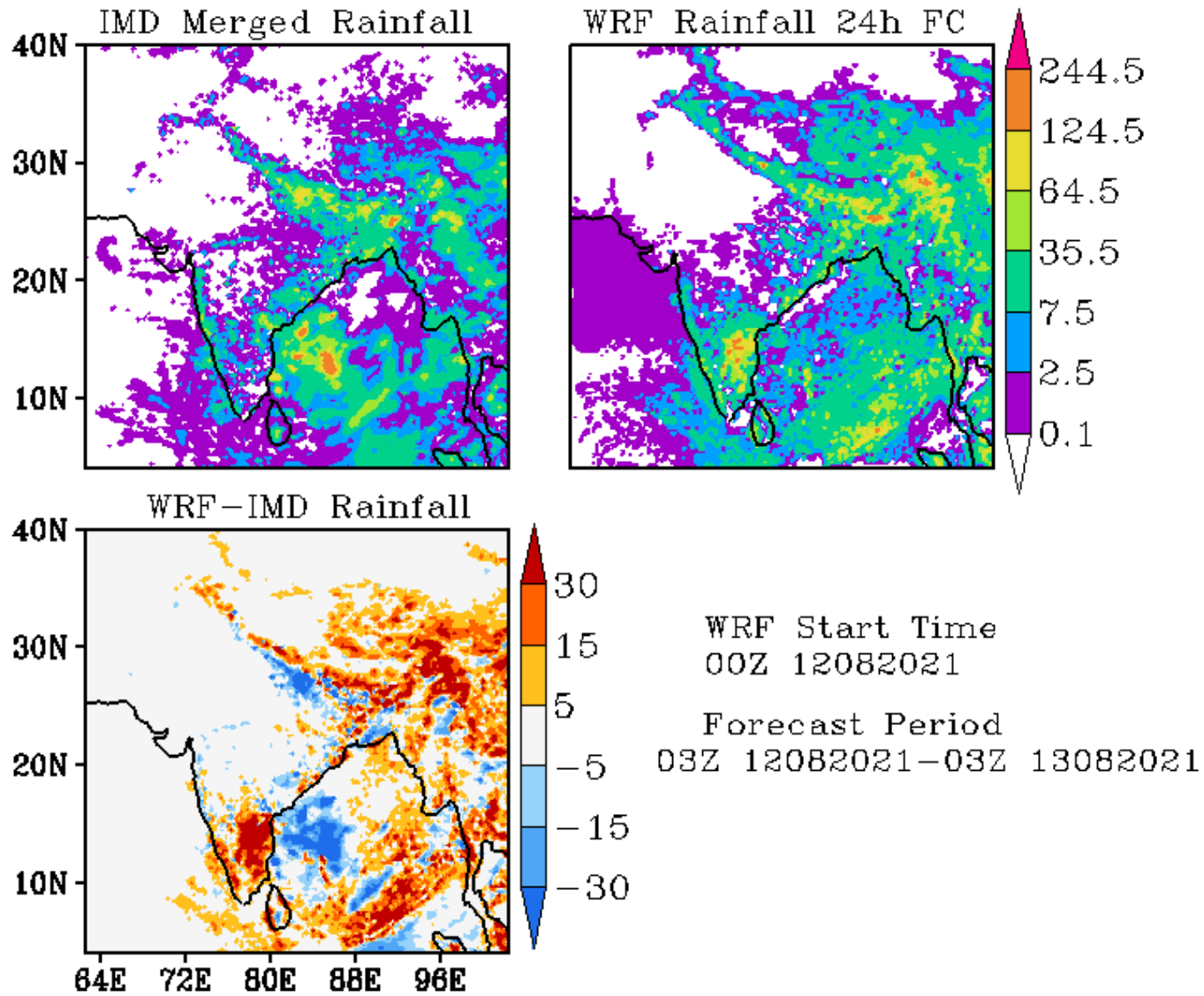
Forecast Period
03Z 11082021-03Z 12082021

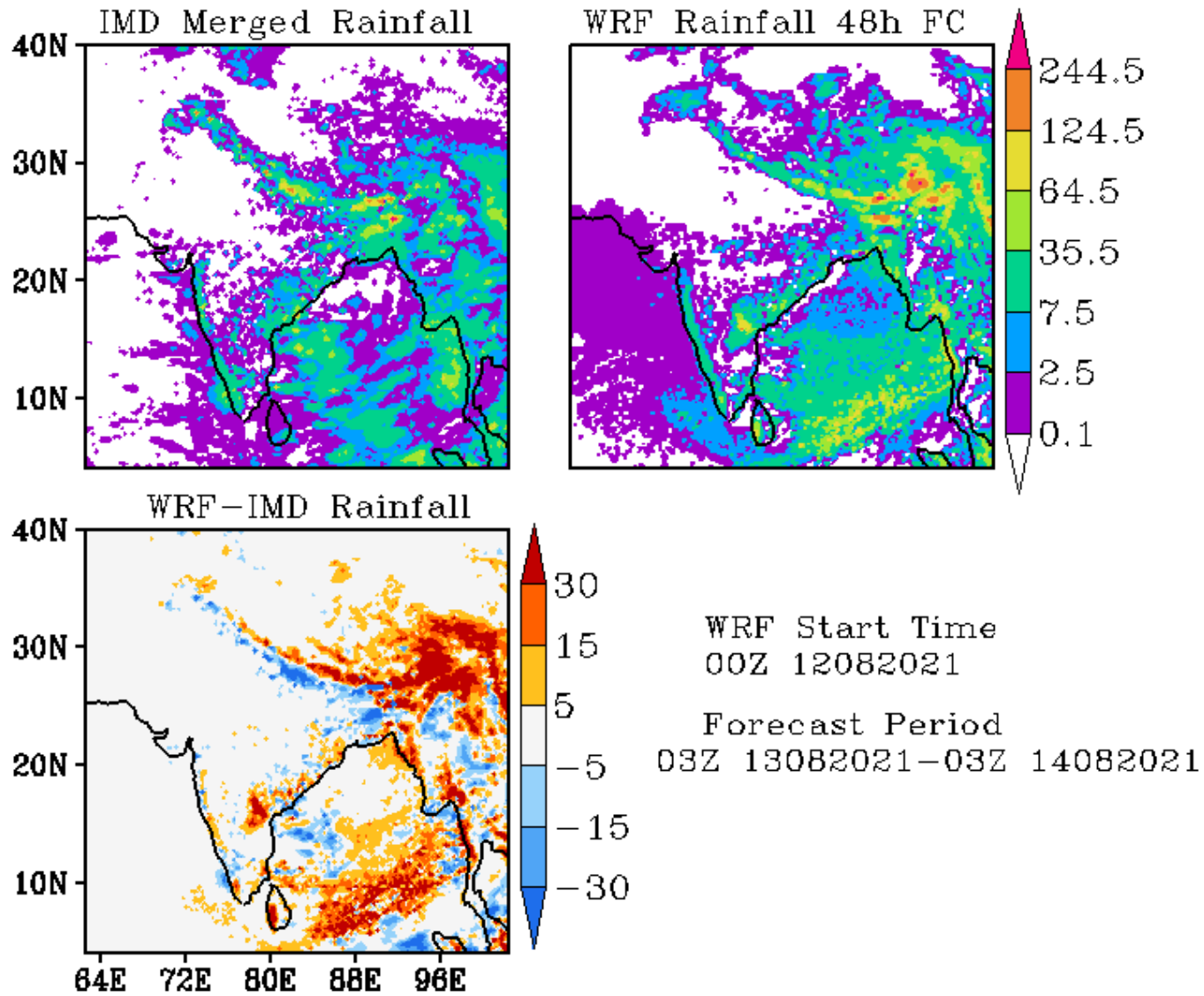


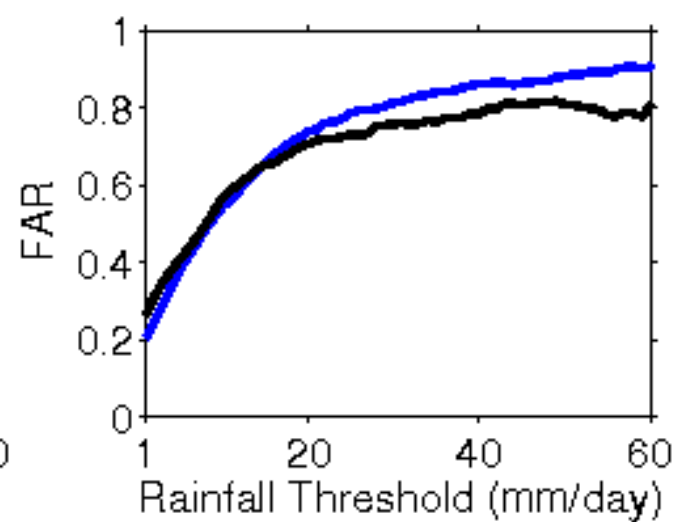
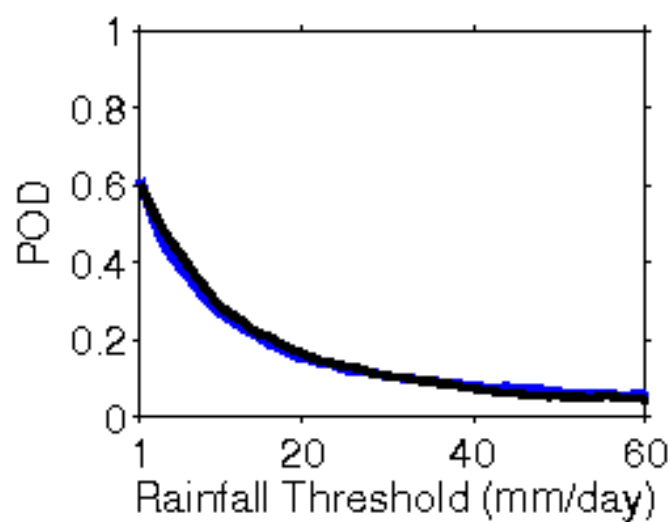
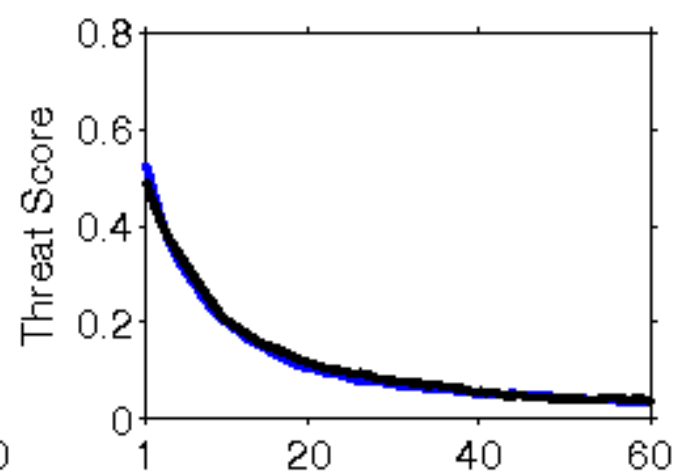
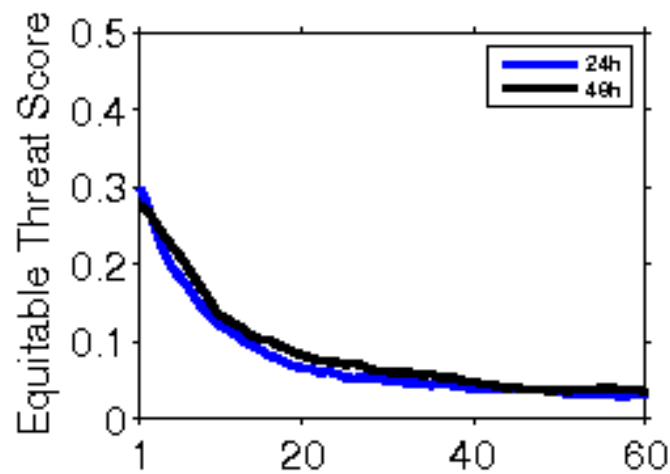


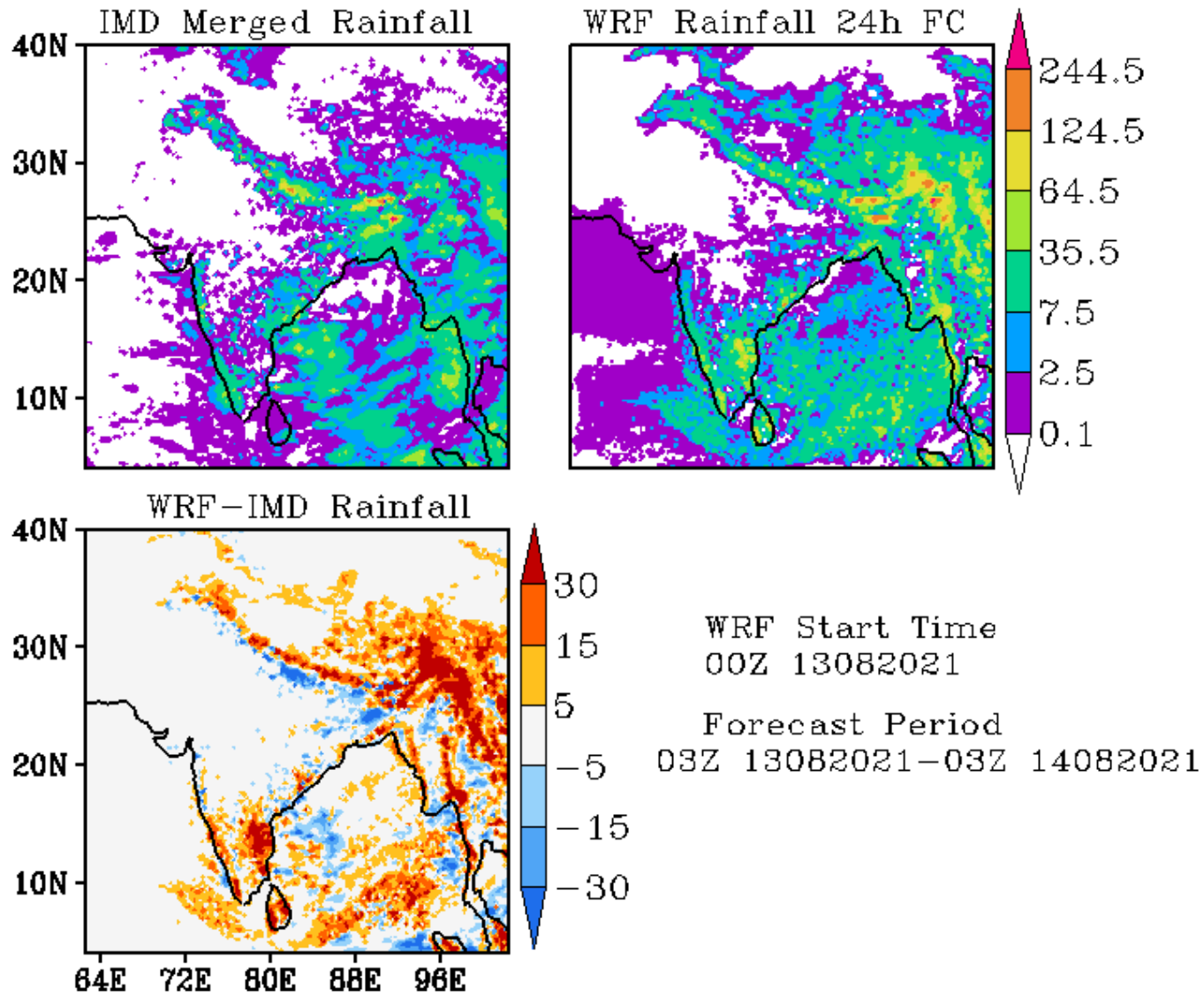


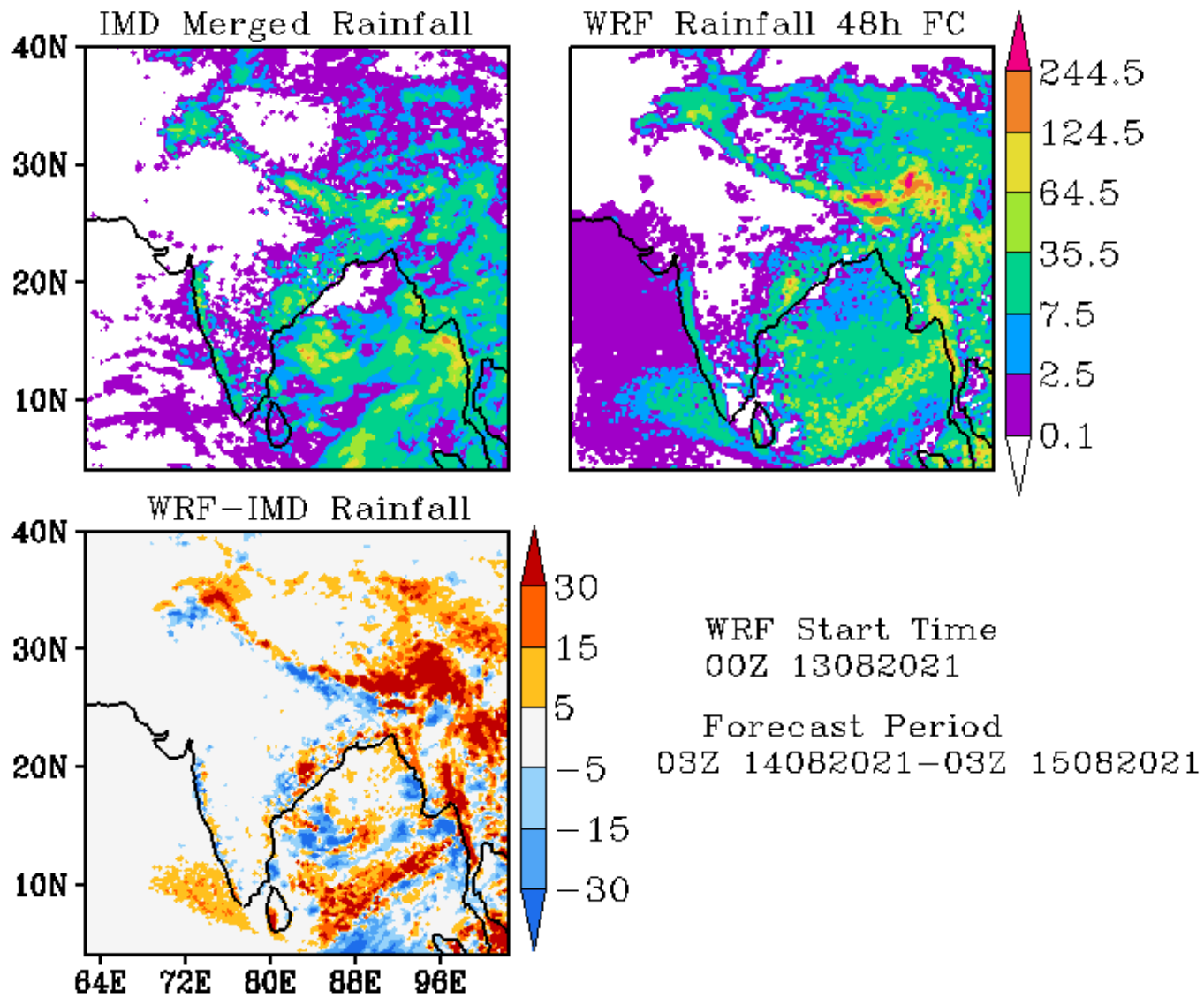


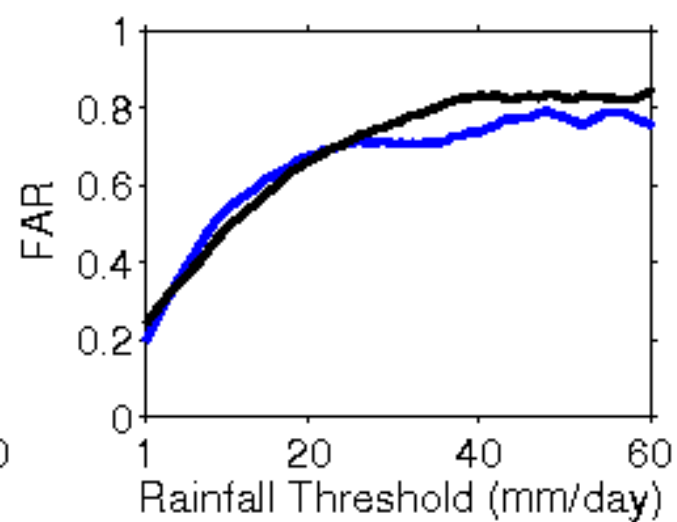
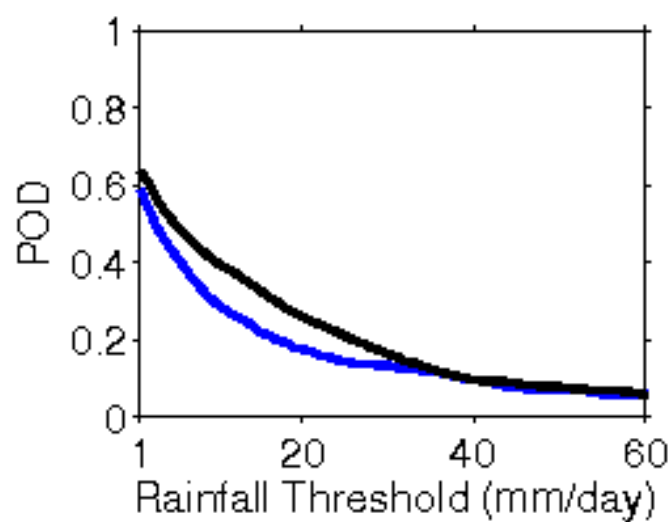
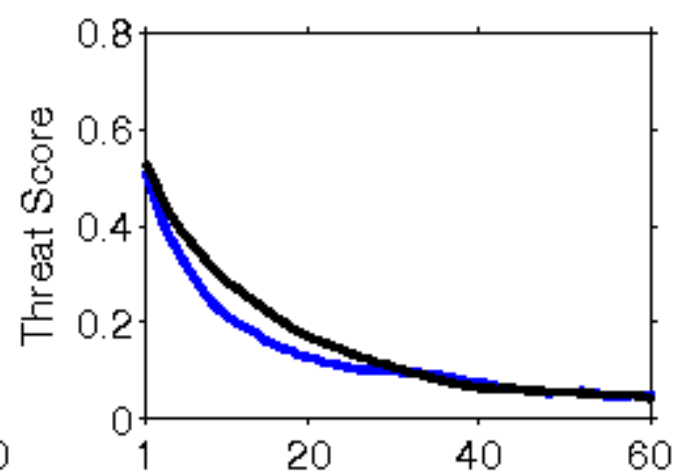
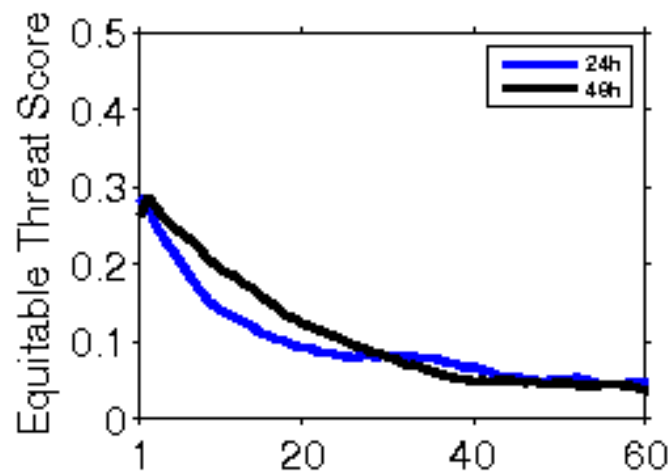


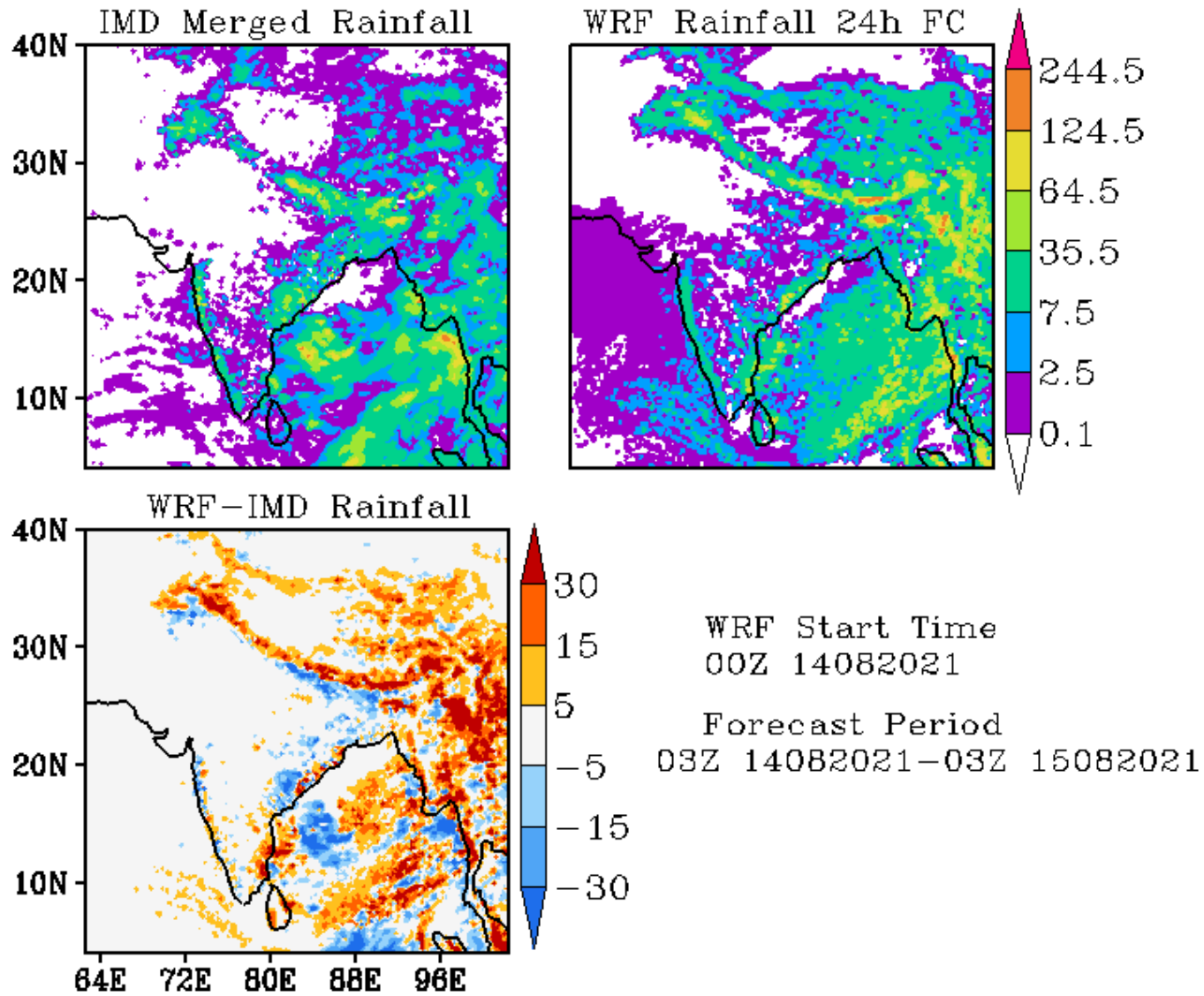


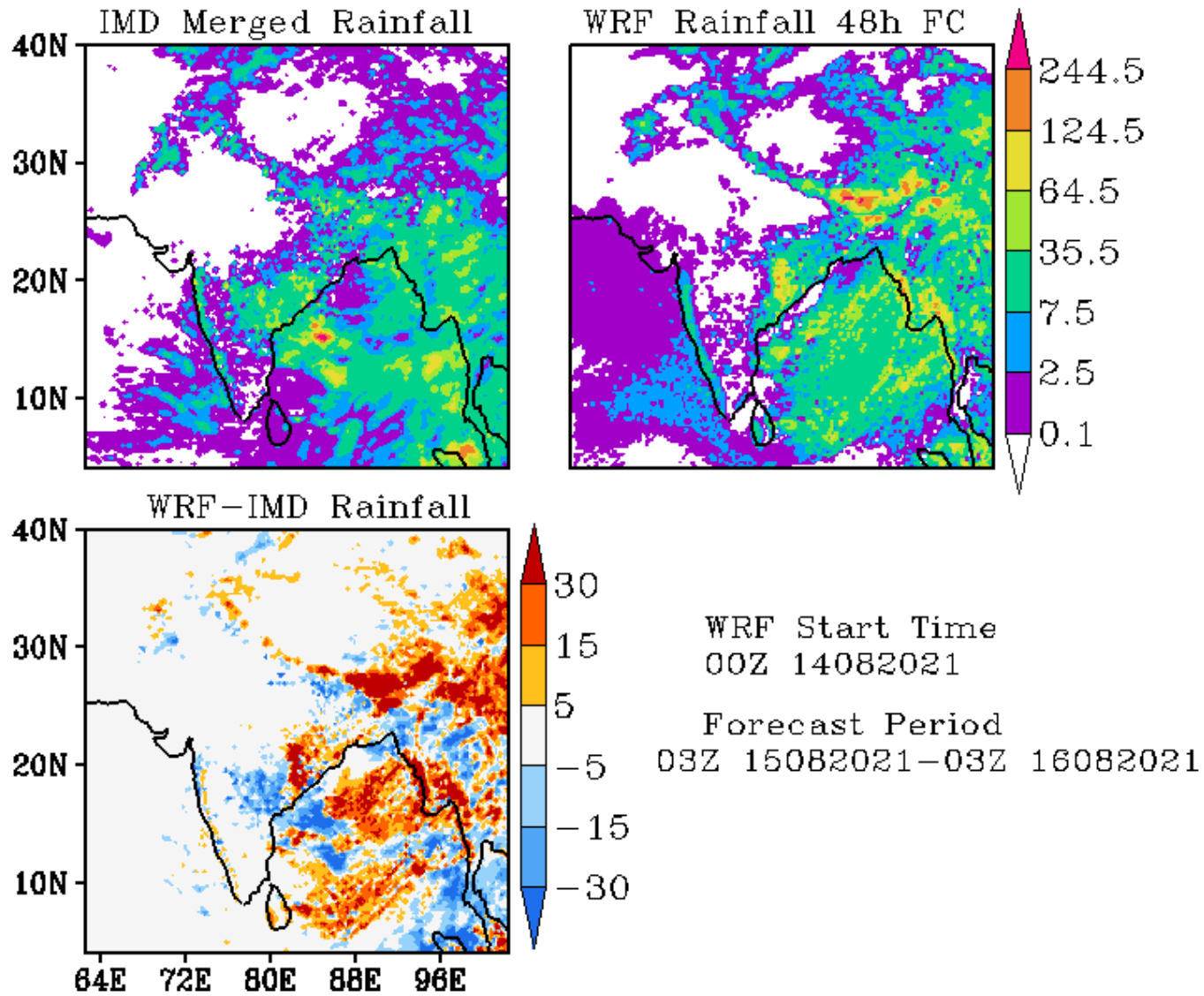


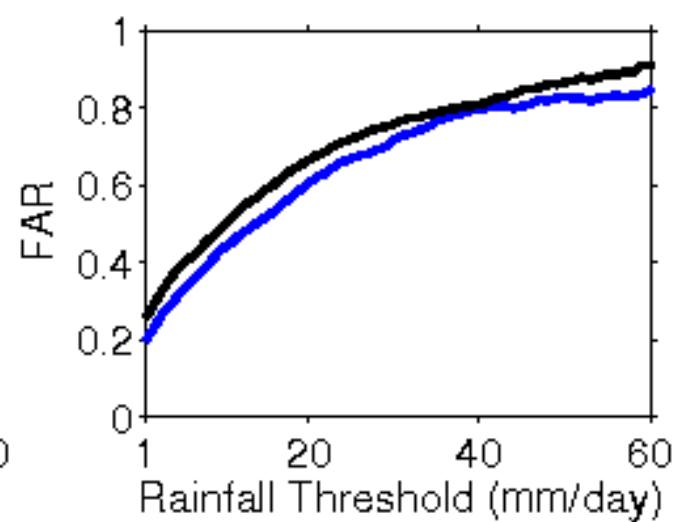
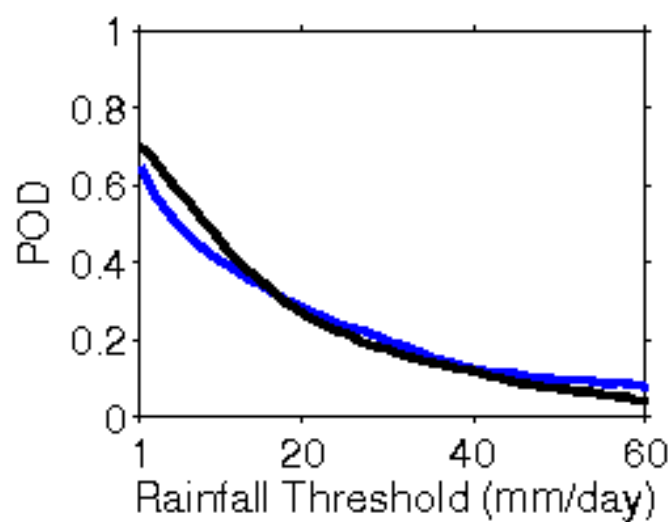
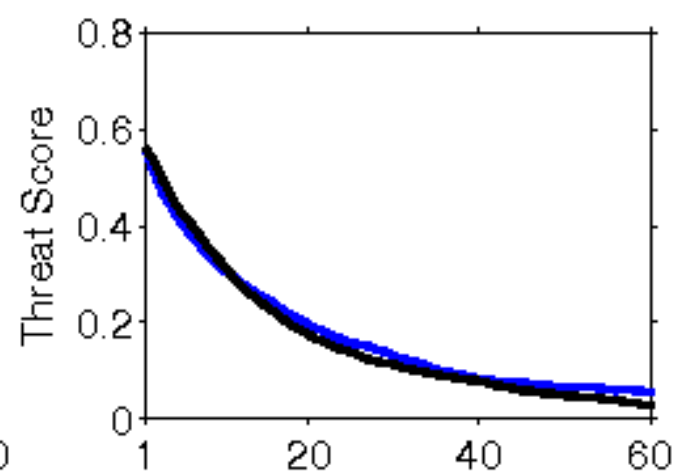
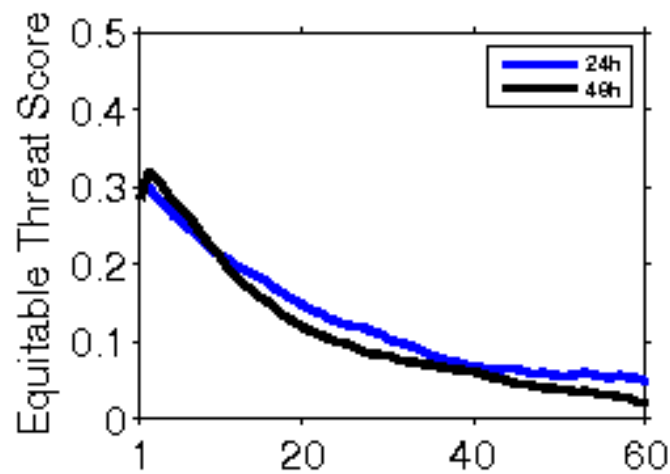


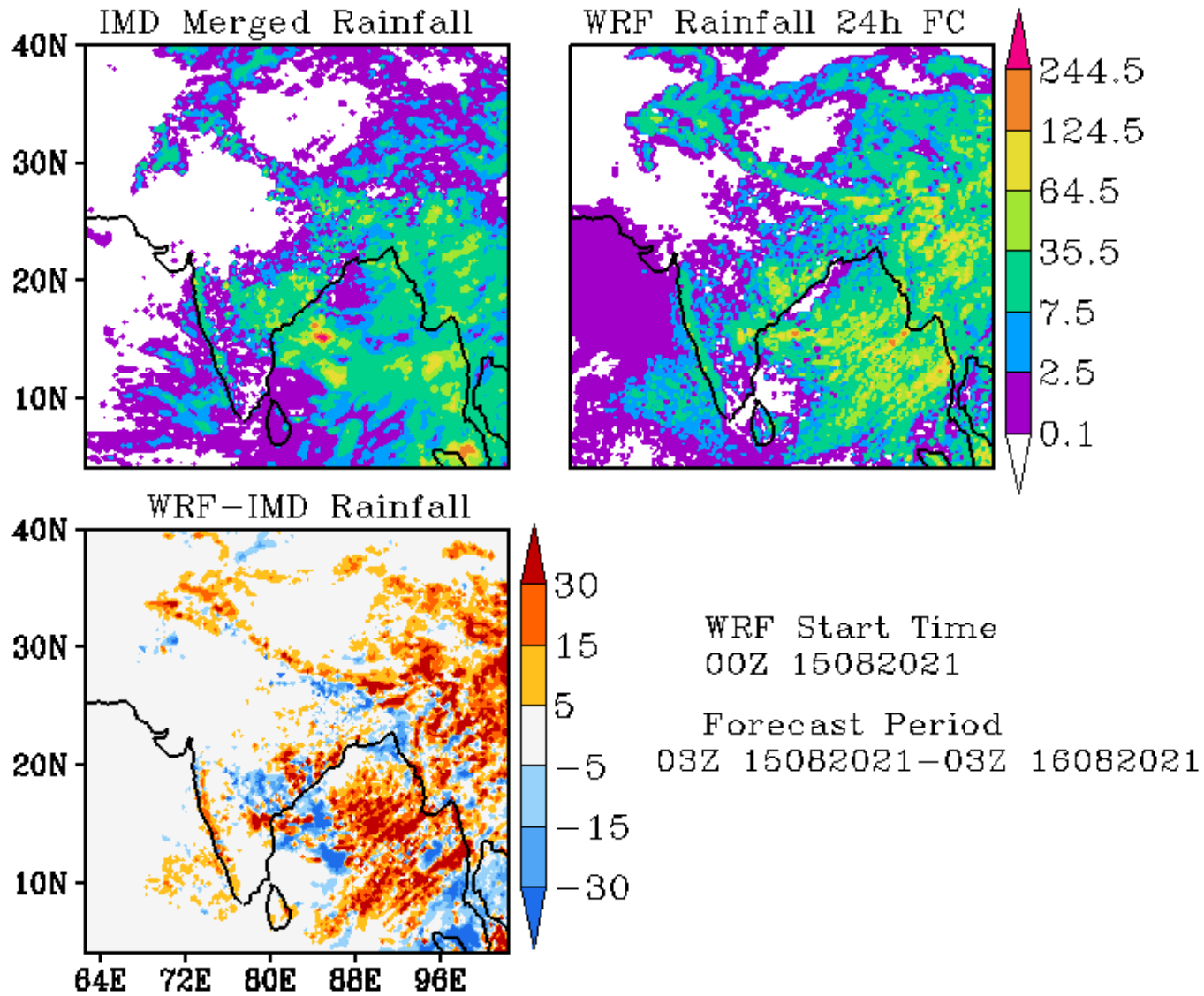


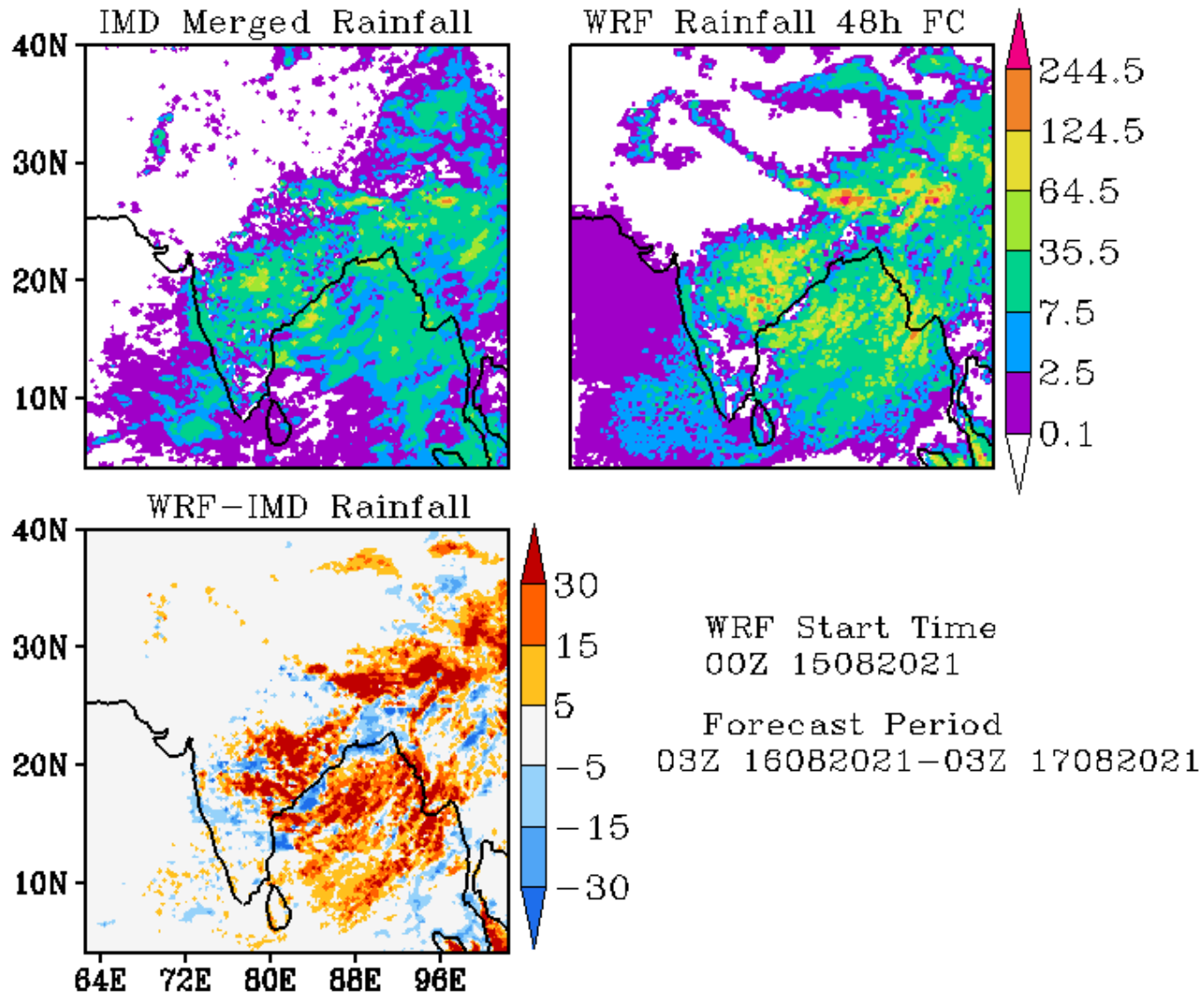


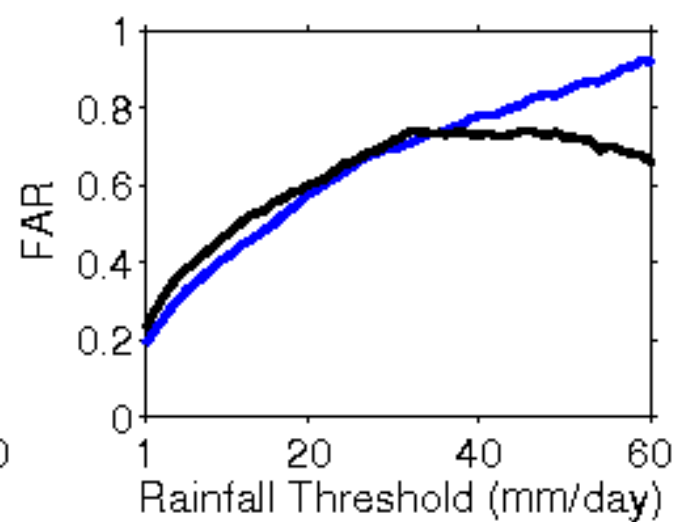
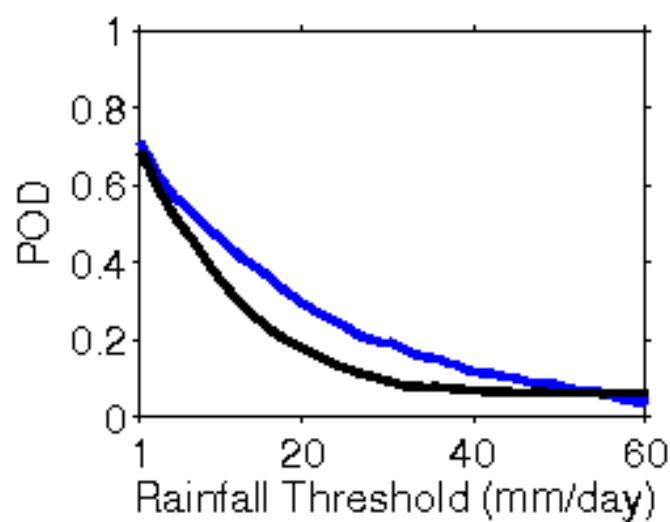
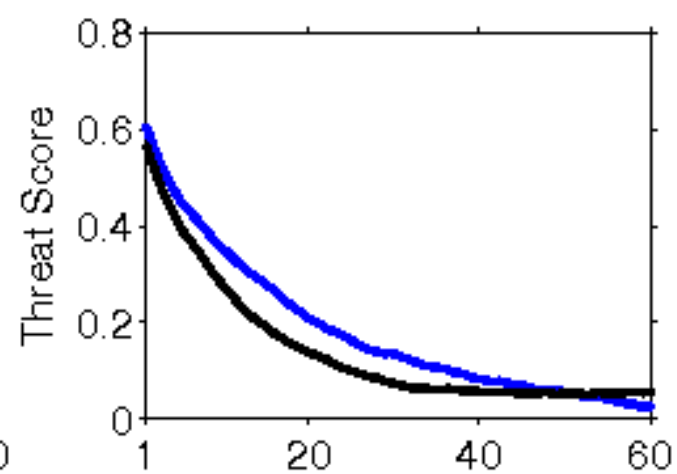
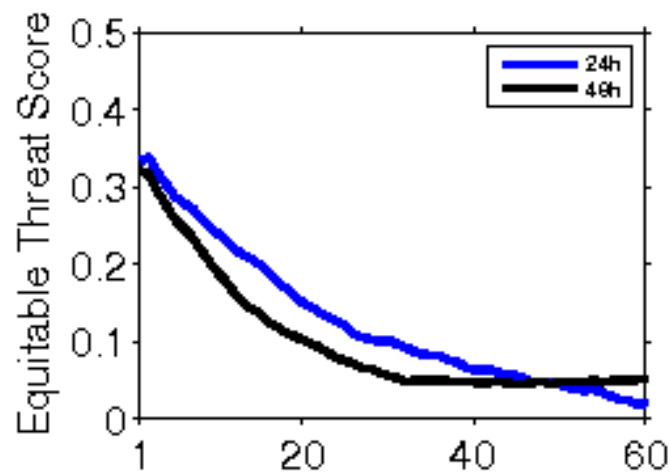


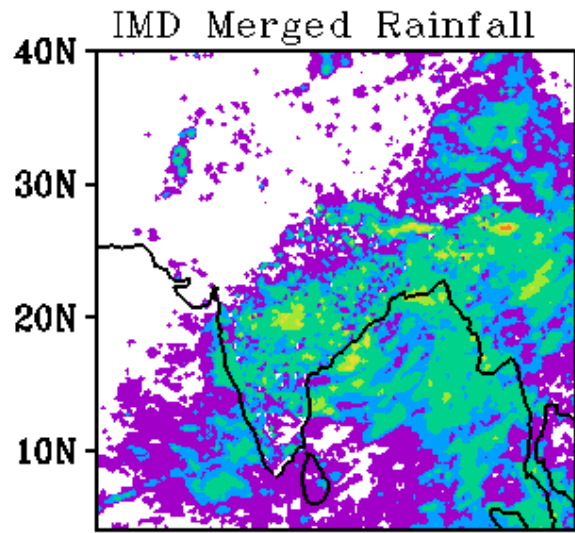




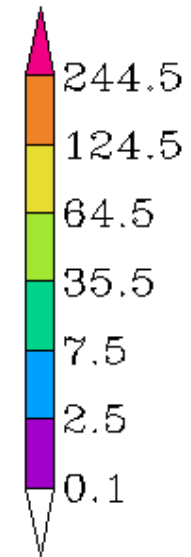




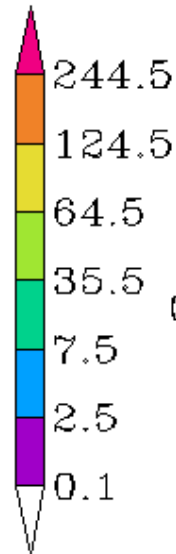




WRF Rainfall 24h FC



WRF-IMD Rainfall

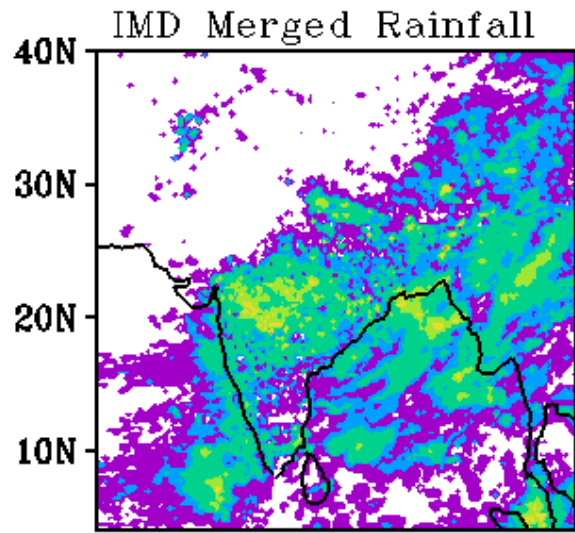


WRF Start Time

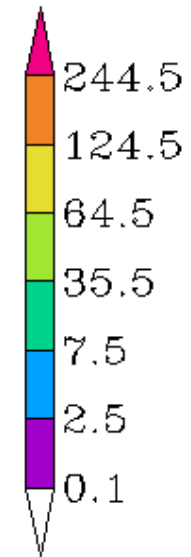
00Z 16082021

Forecast Period

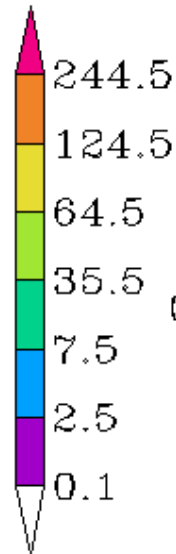
03Z 16082021-03Z 17082021



WRF Rainfall 48h FC



WRF-IMD Rainfall

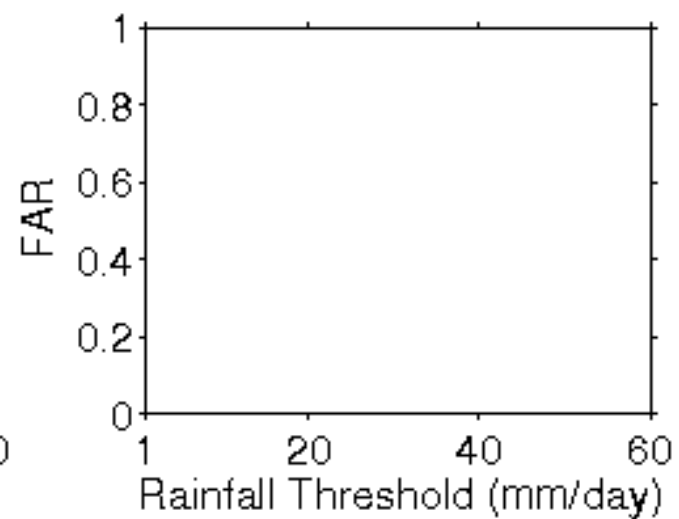
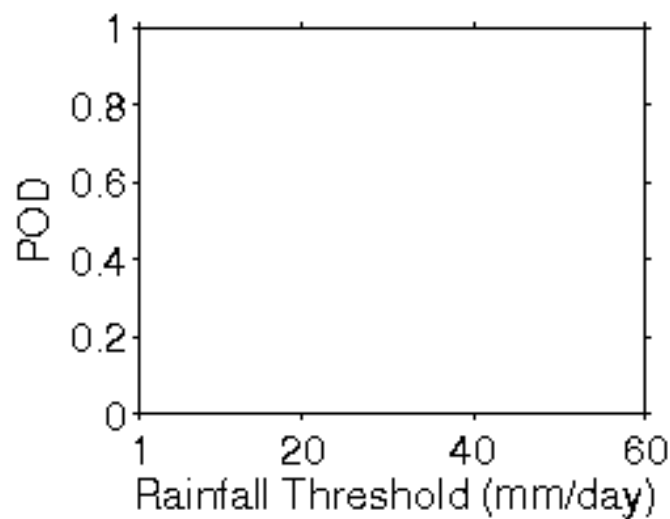
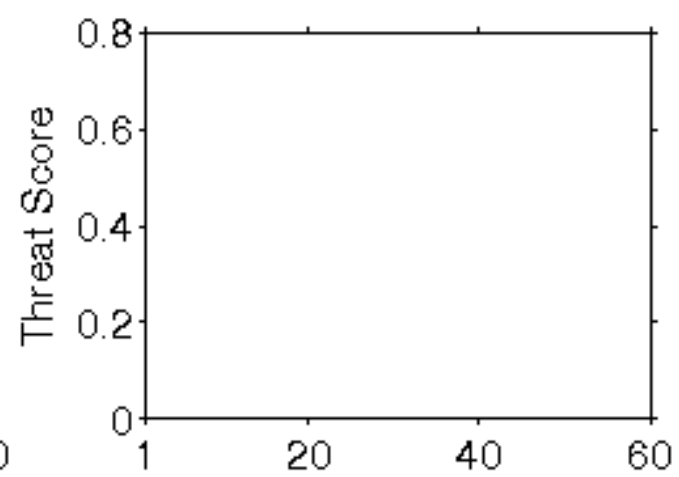
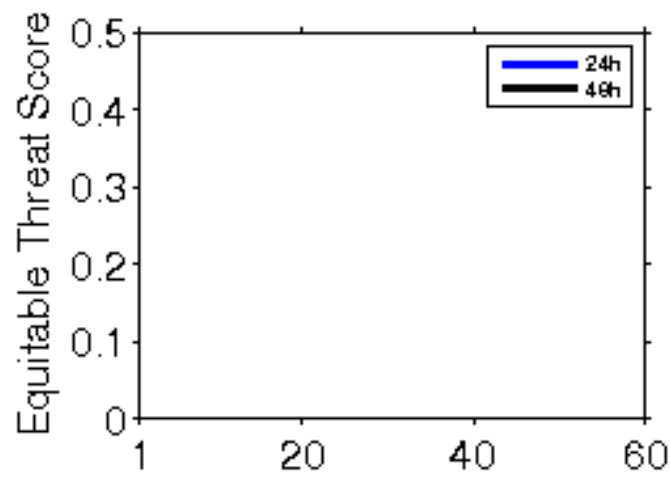


WRF Start Time

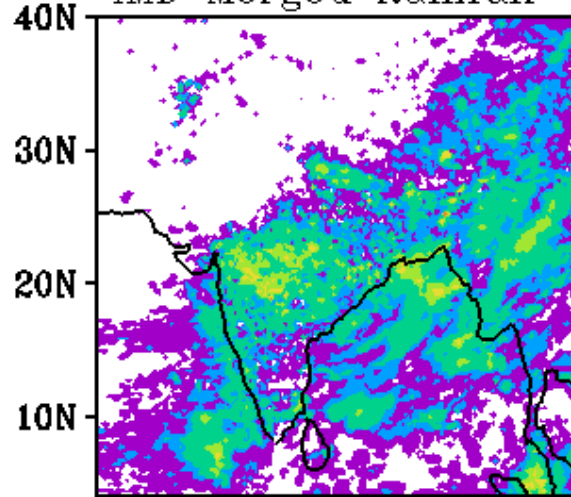
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Forecast Period

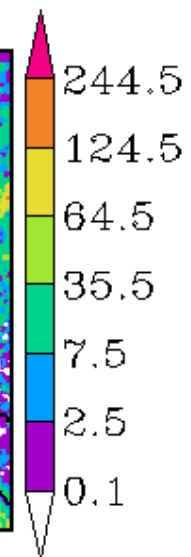
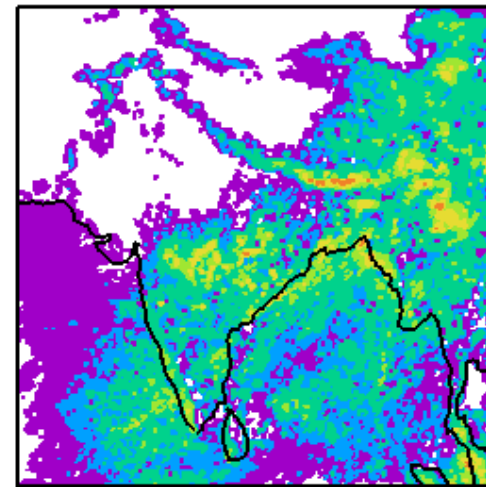
03Z 17082021-03Z 18082021



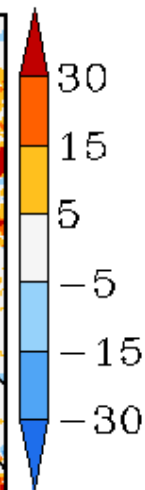
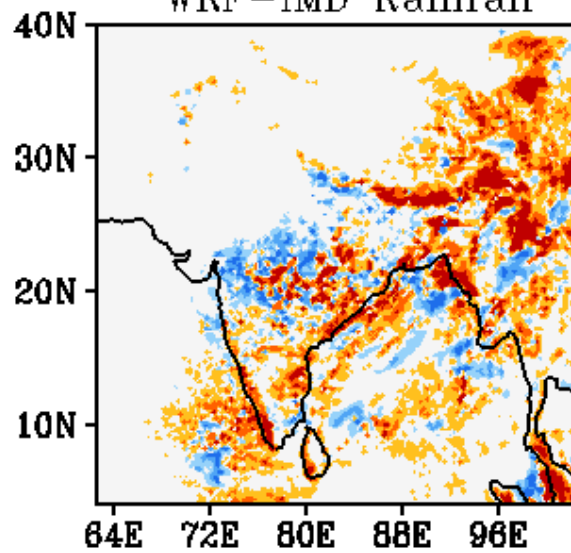
IMD Merged Rainfall



WRF Rainfall 24h FC

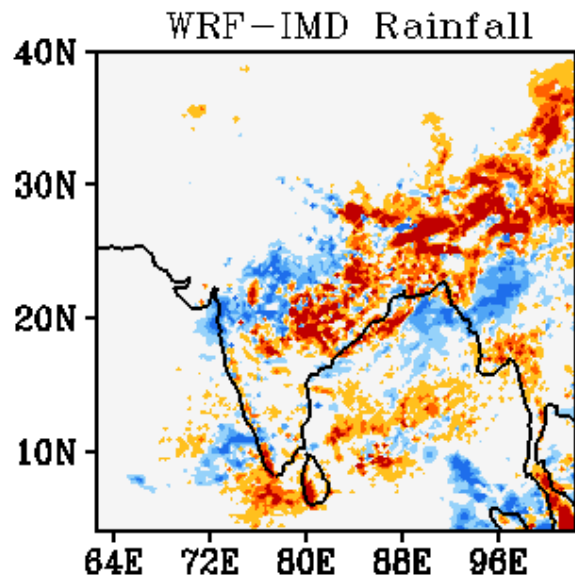
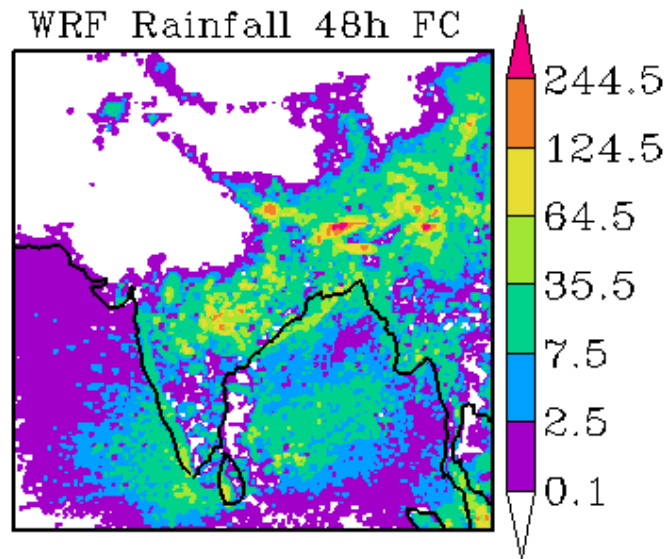
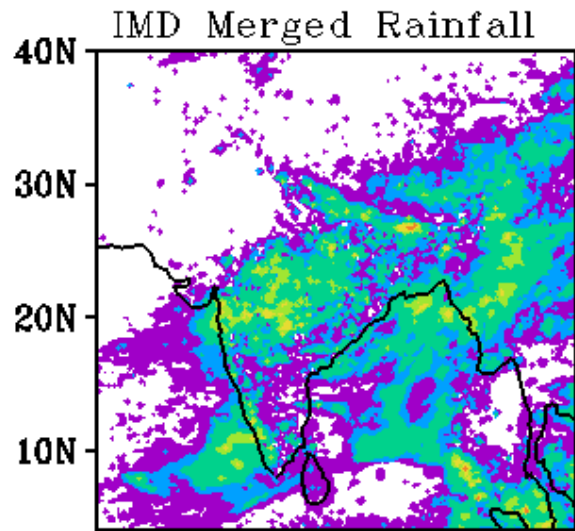


WRF-IMD Rainfall



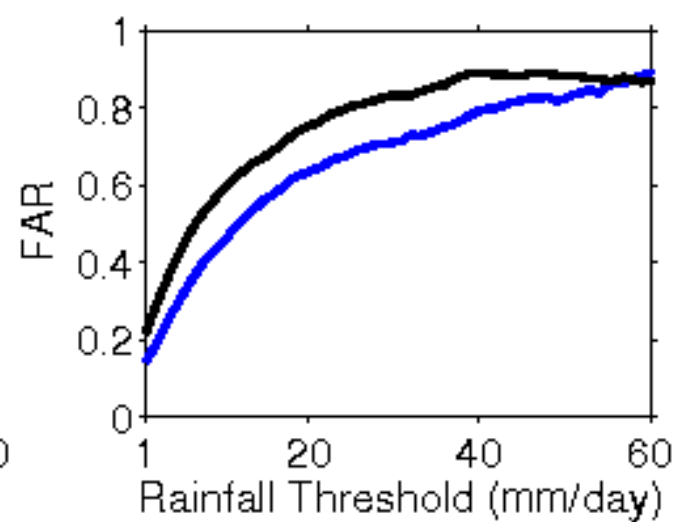
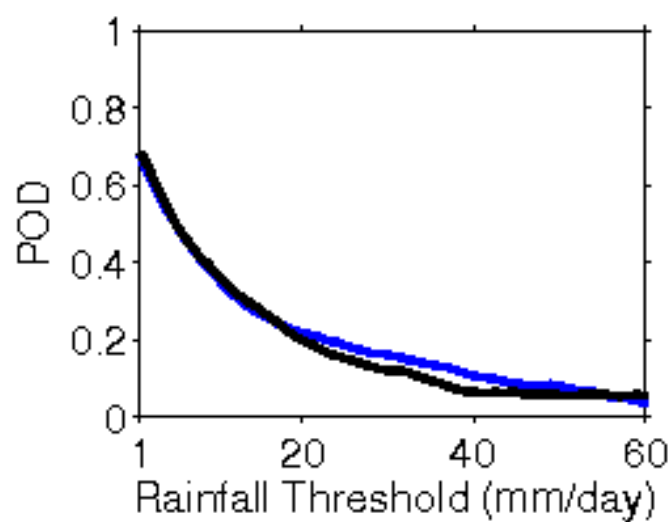
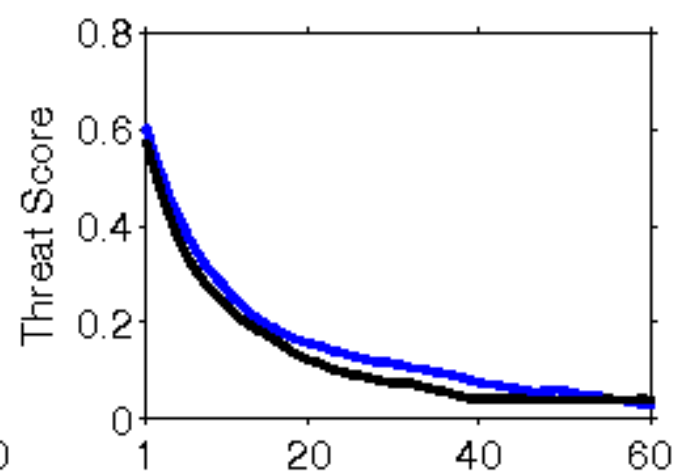
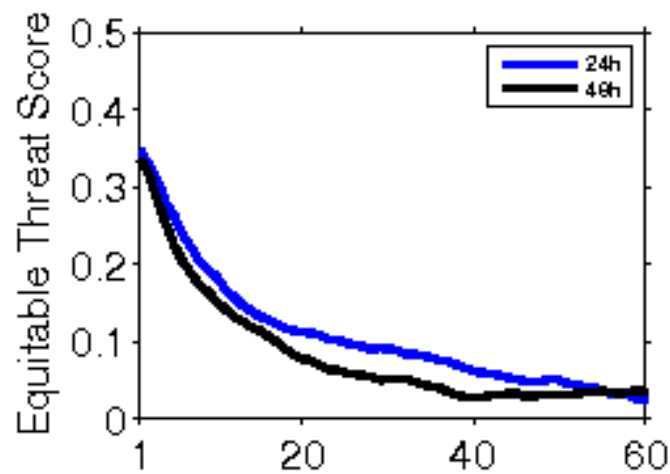
WRF Start Time
00Z 17082021

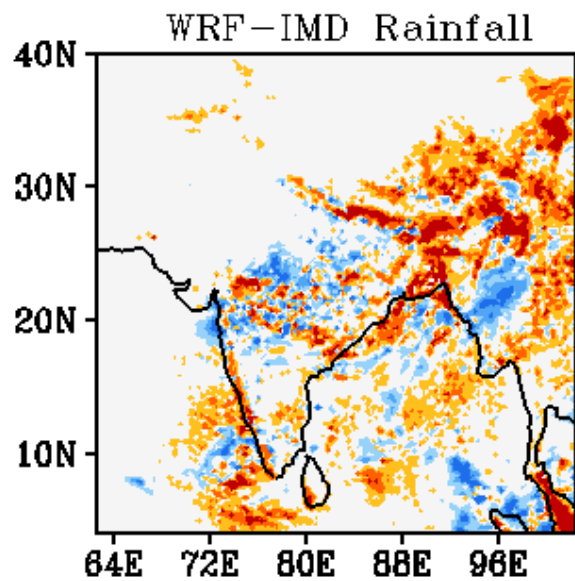
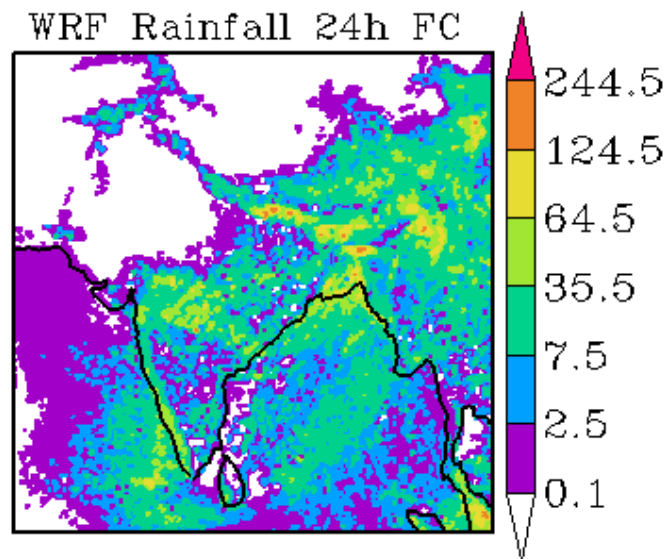
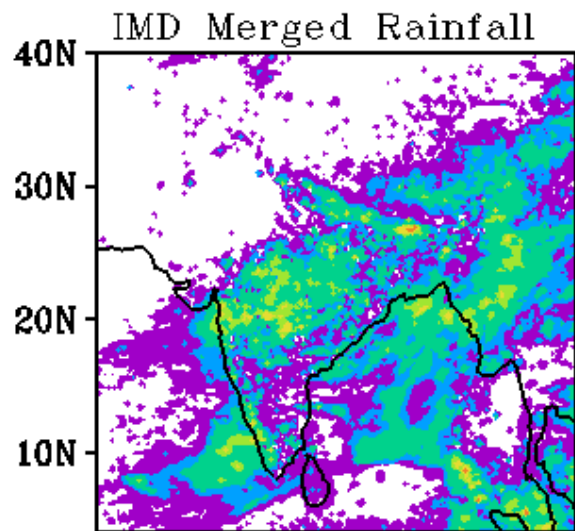
Forecast Period
03Z 17082021-03Z 18082021



WRF Start Time
00Z 17082021

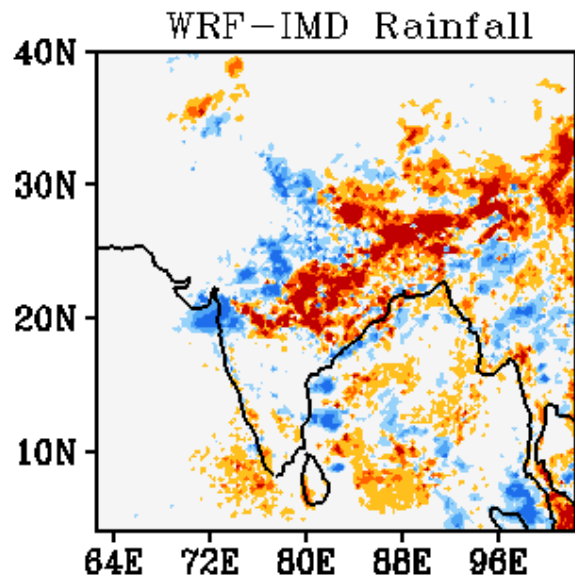
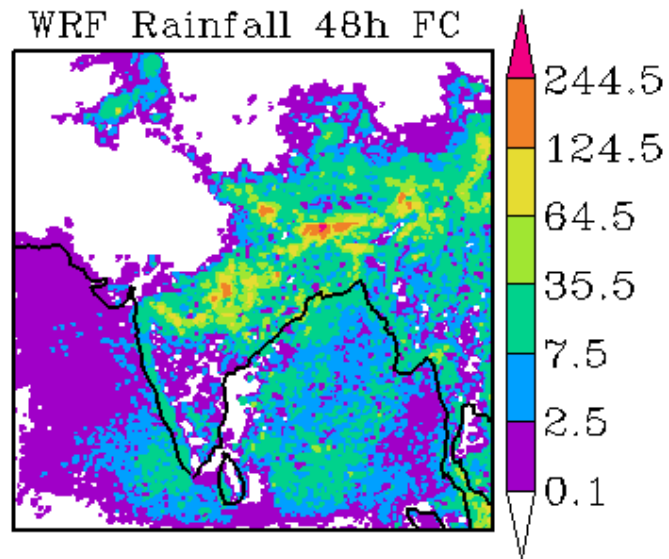
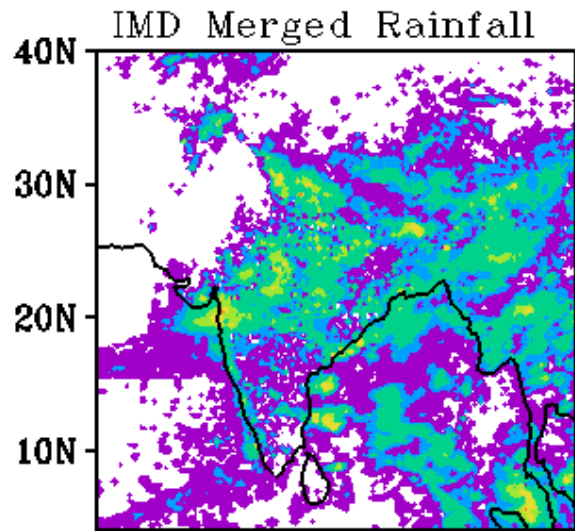
Forecast Period
03Z 18082021-03Z 19082021





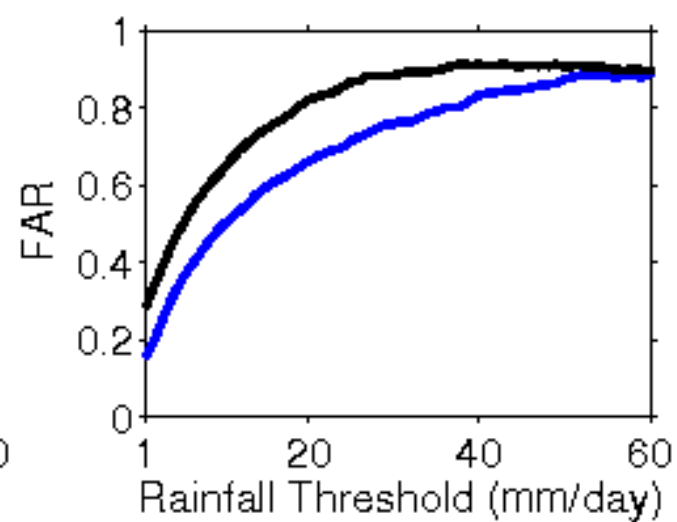
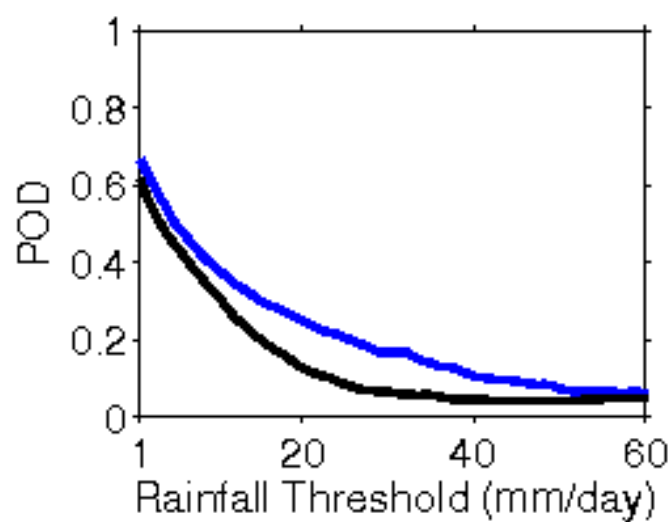
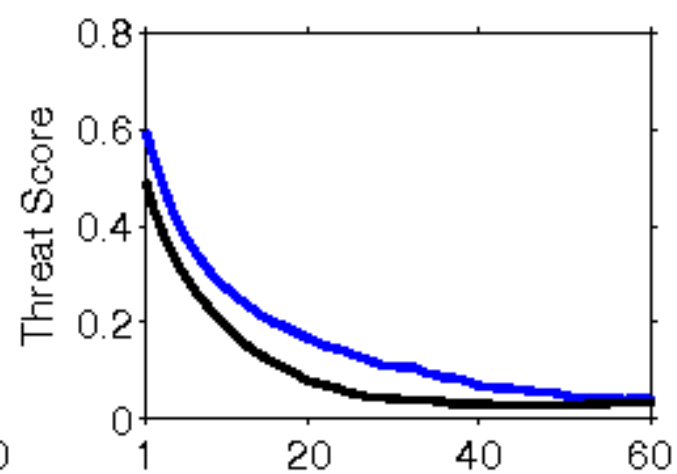
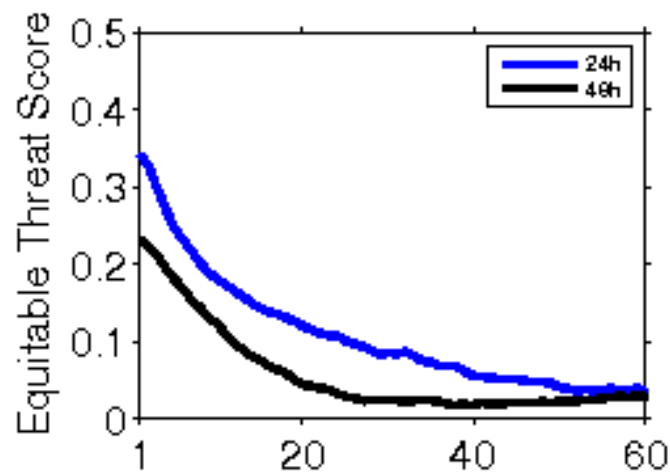
WRF Start Time
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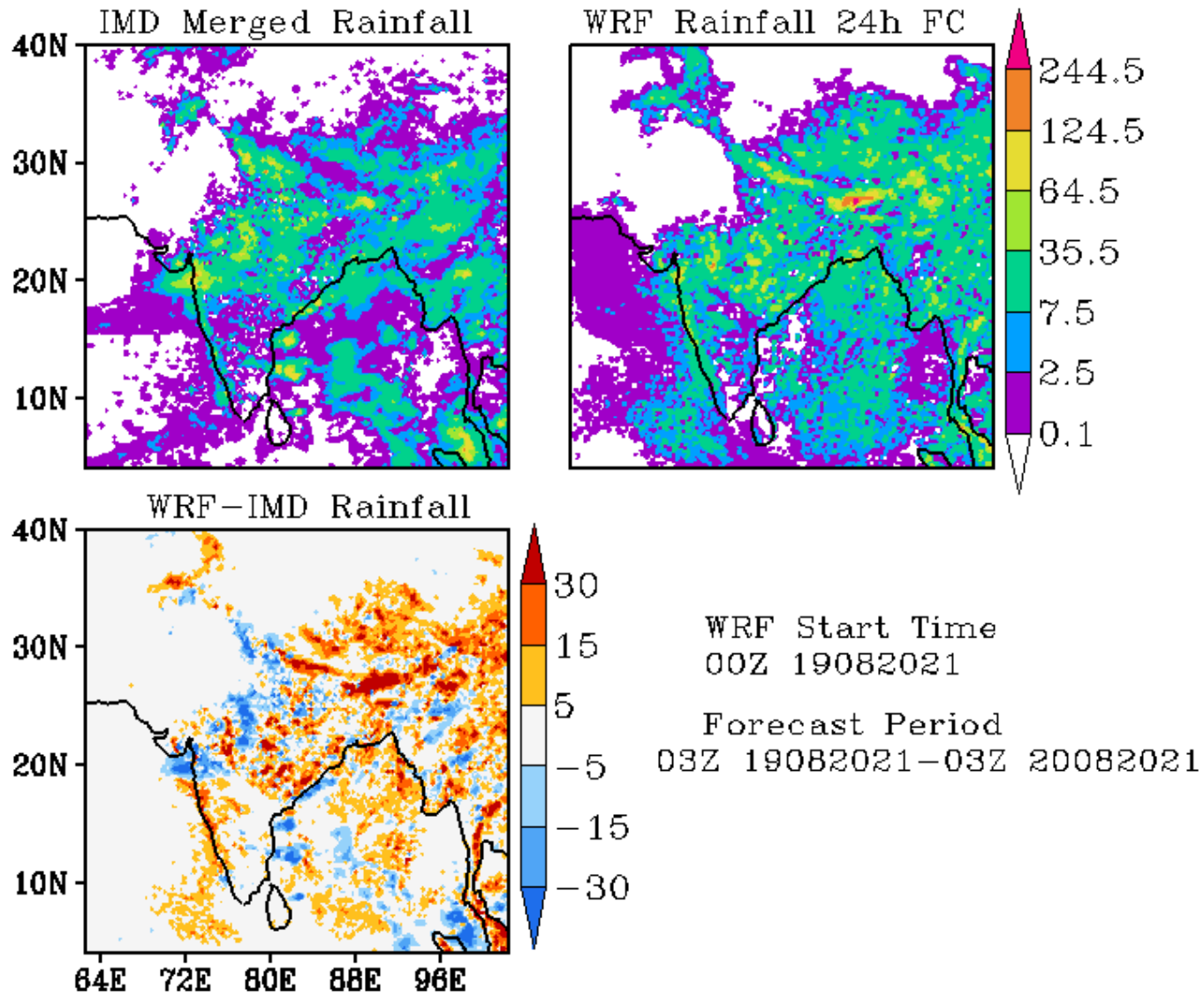
Forecast Period
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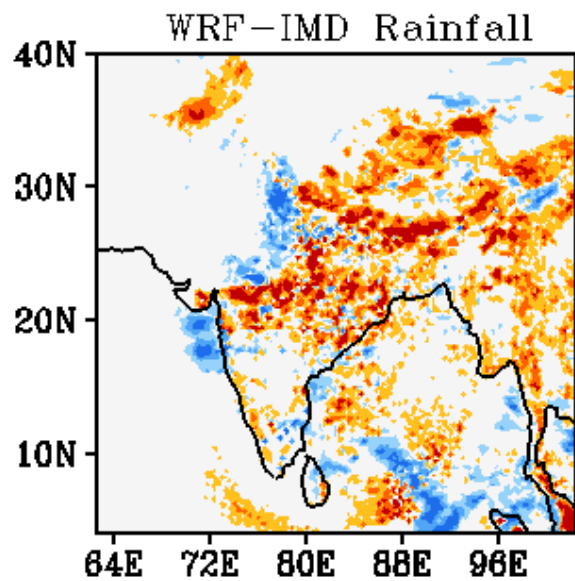
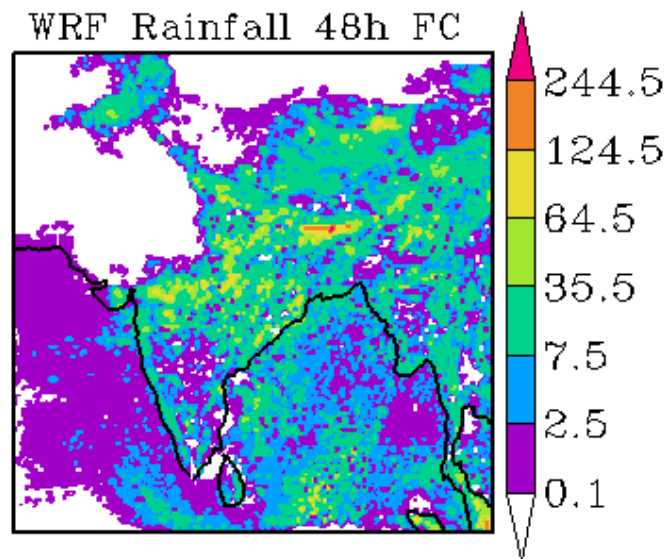
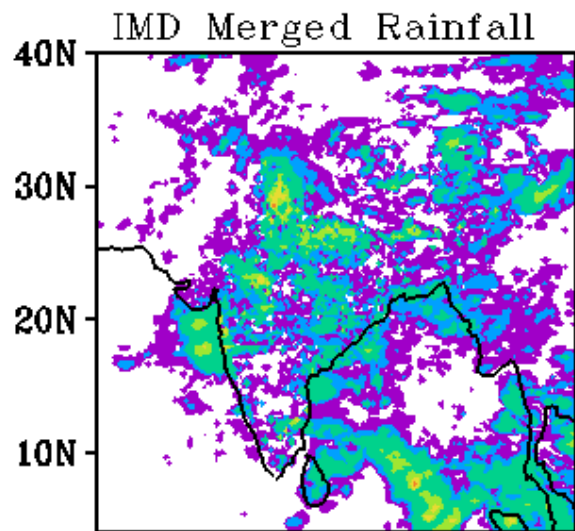


WRF Start Time
00Z 18082021

Forecast Period
03Z 19082021-03Z 20082021

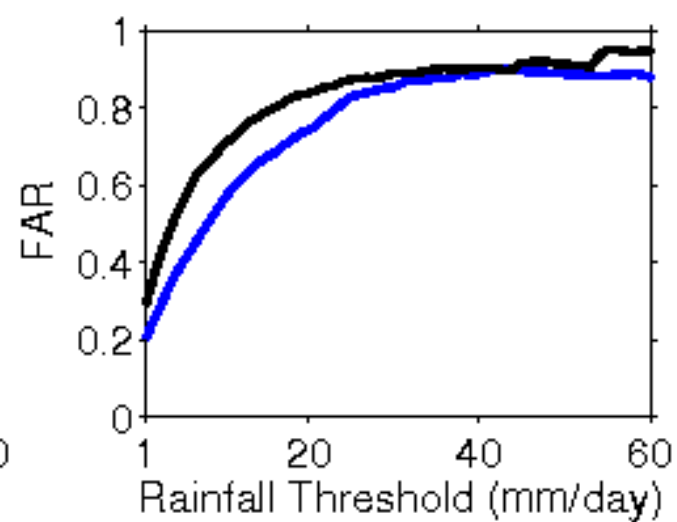
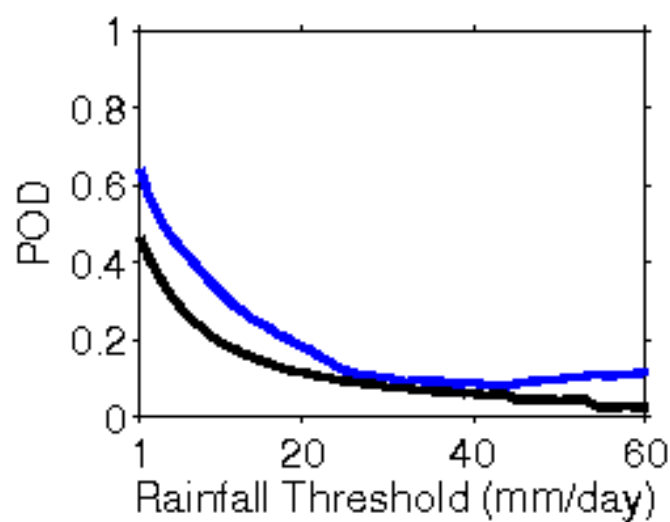
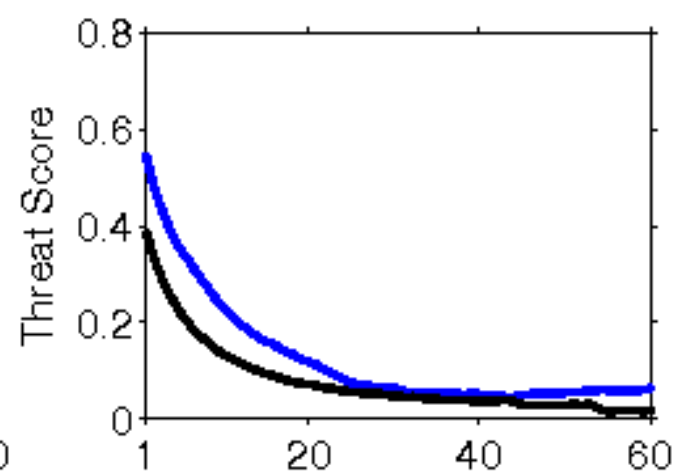
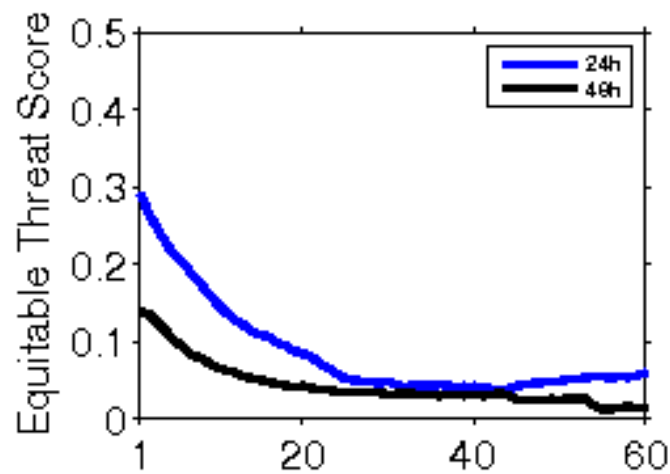


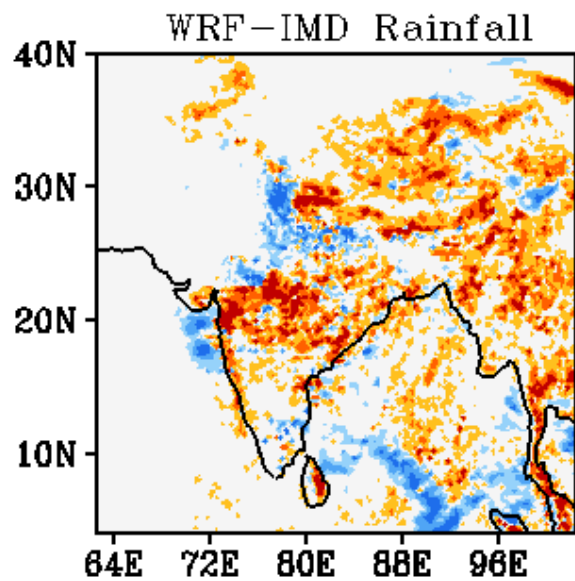
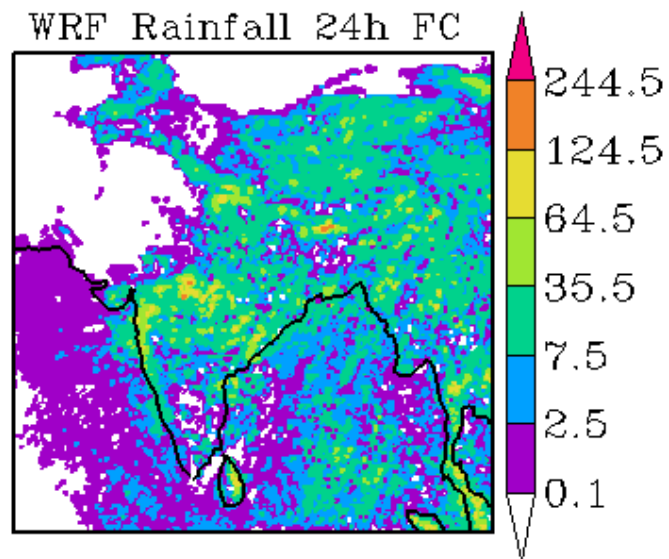
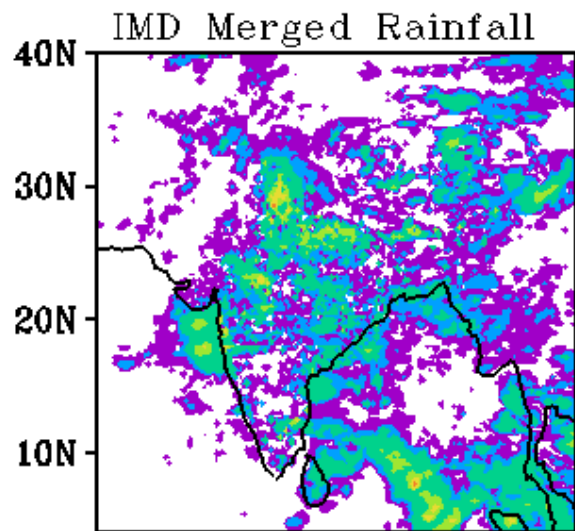




WRF Start Time
00Z 19082021

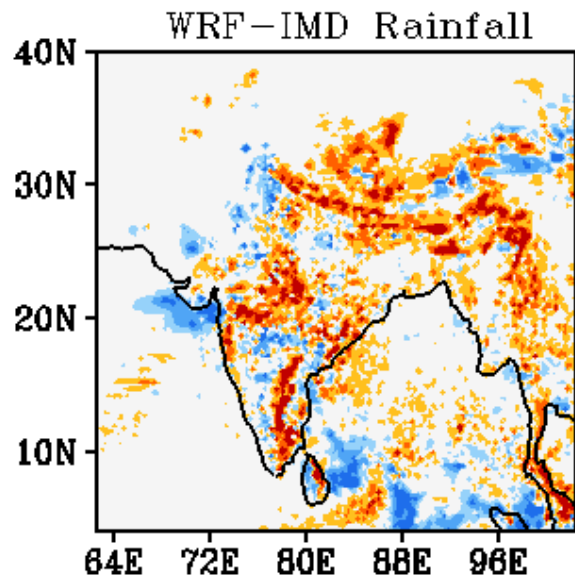
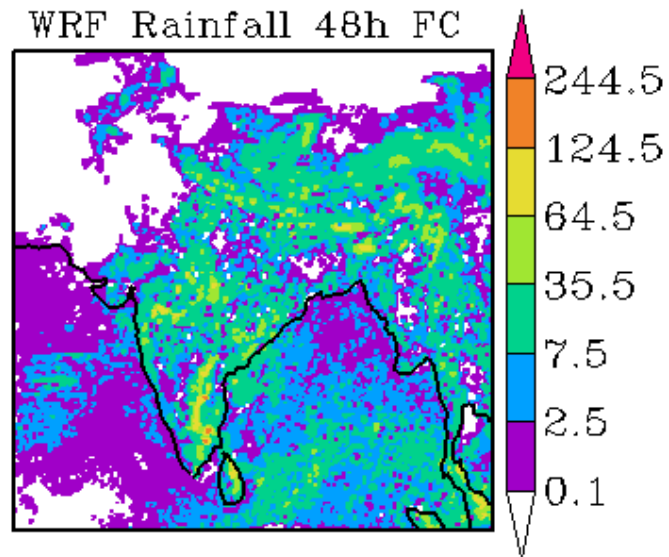
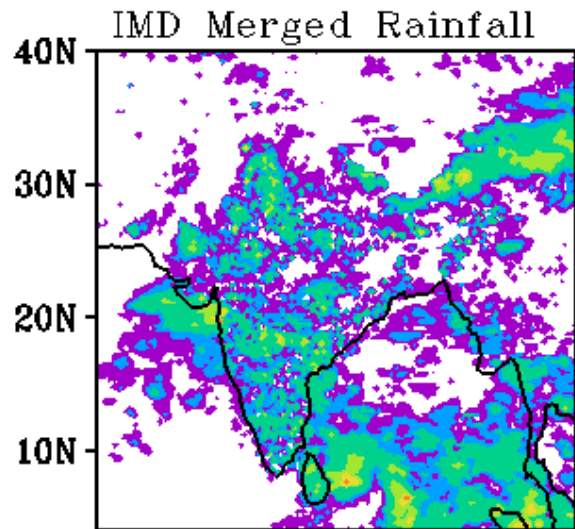
Forecast Period
03Z 20082021-03Z 21082021





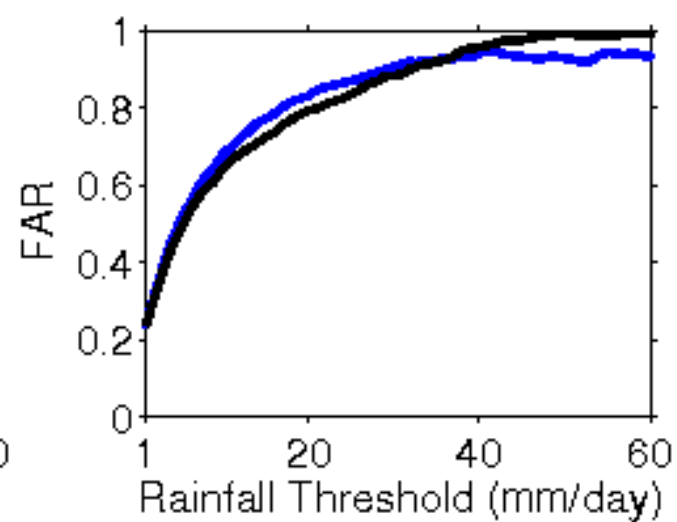
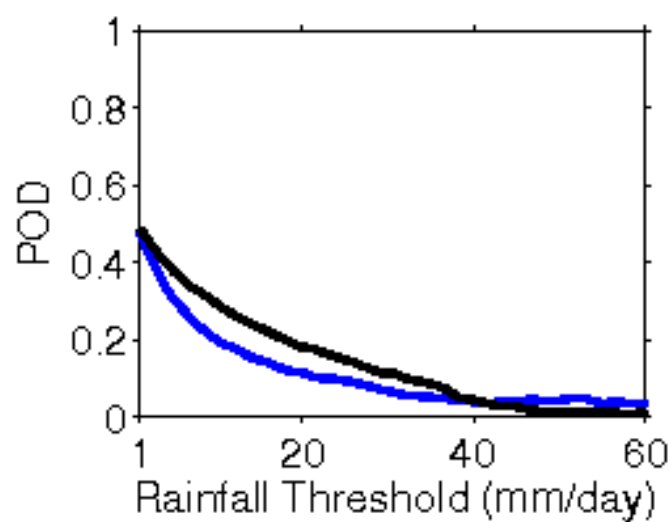
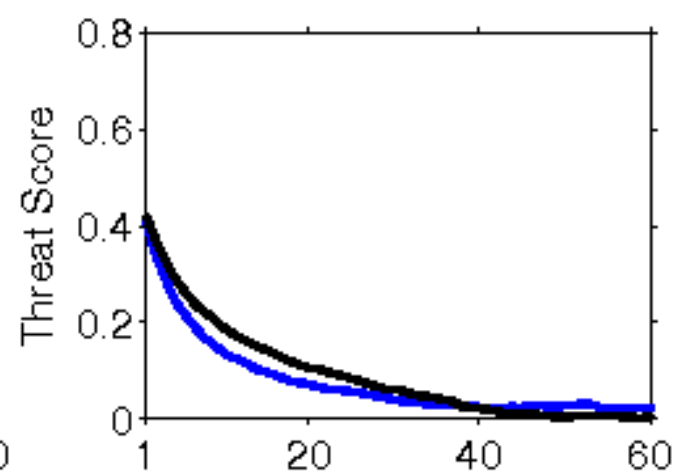
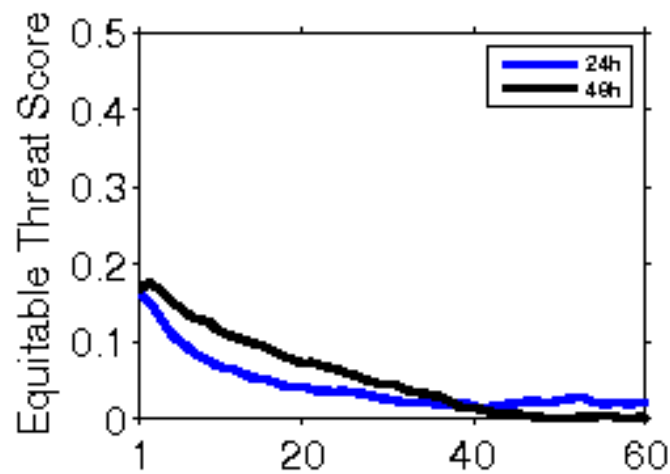
WRF Start Time
00Z 20082021

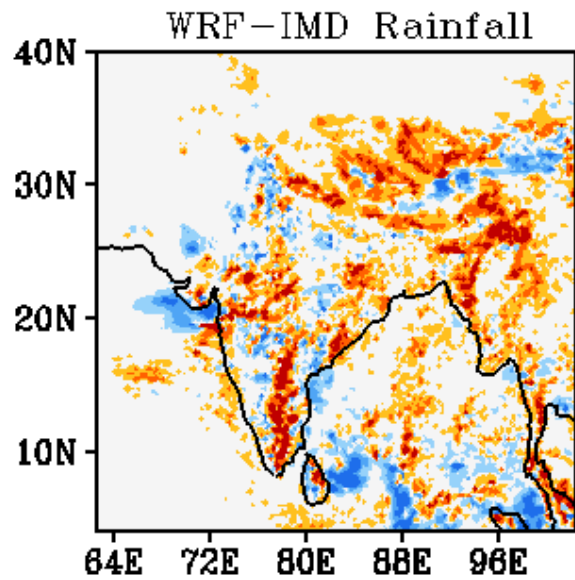
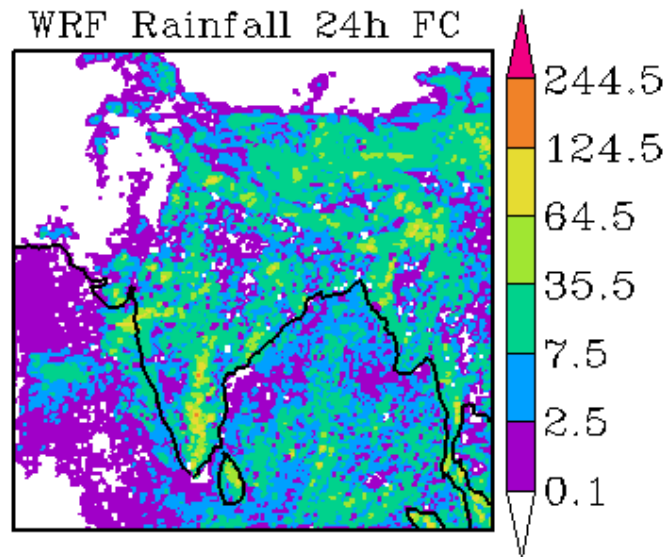
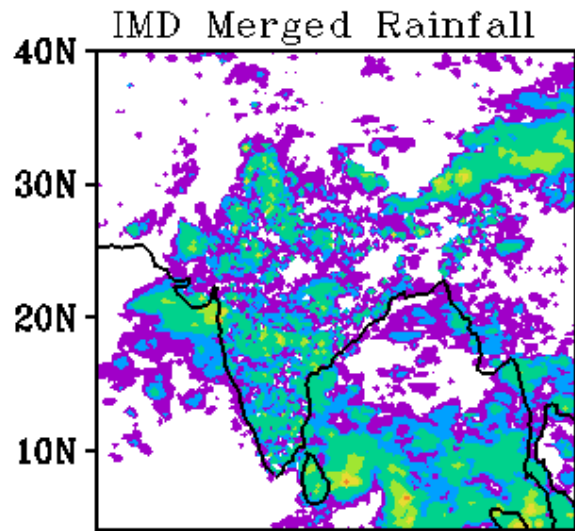
Forecast Period
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WRF Start Time
00Z 20082021

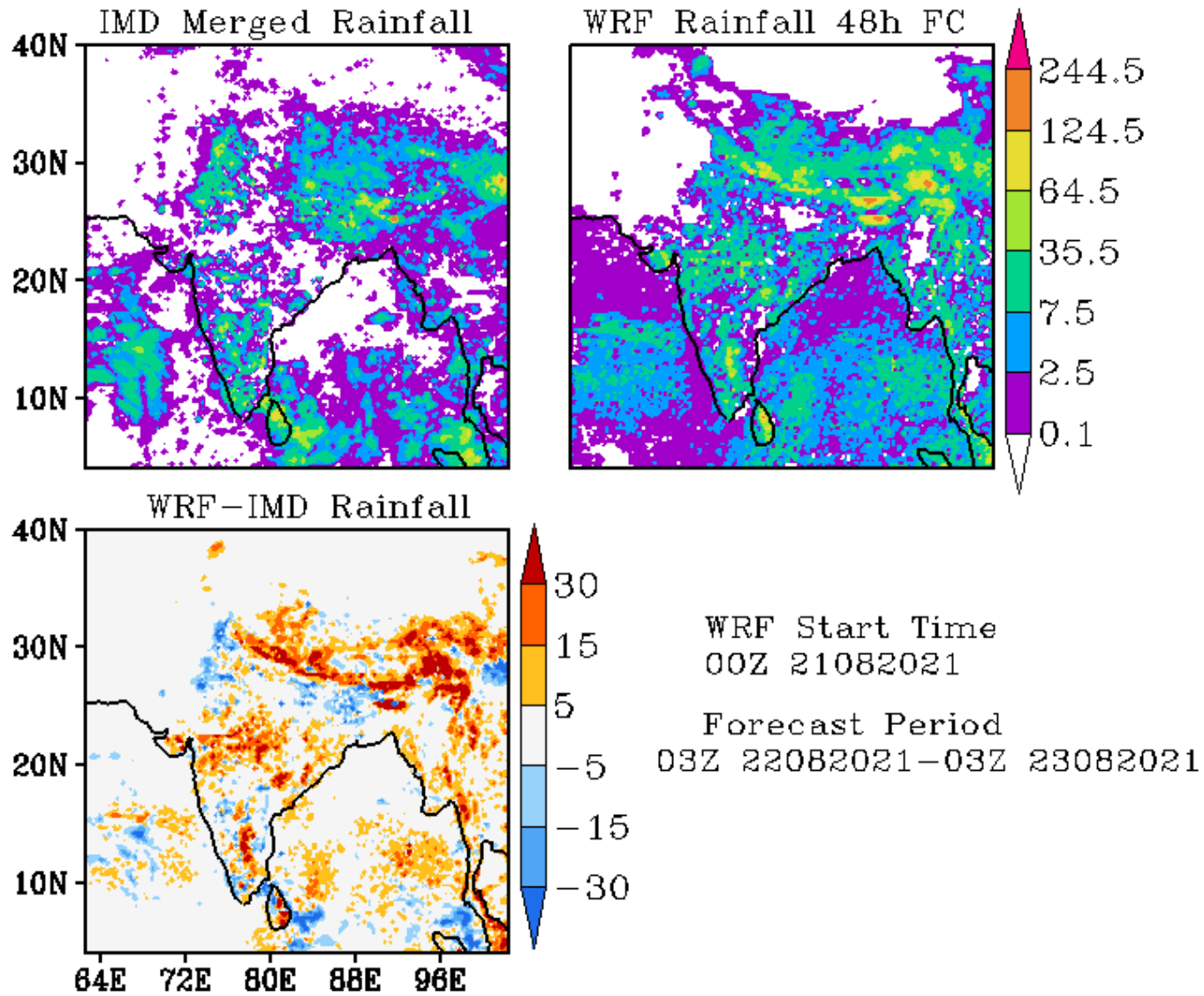
Forecast Period
03Z 21082021-03Z 22082021

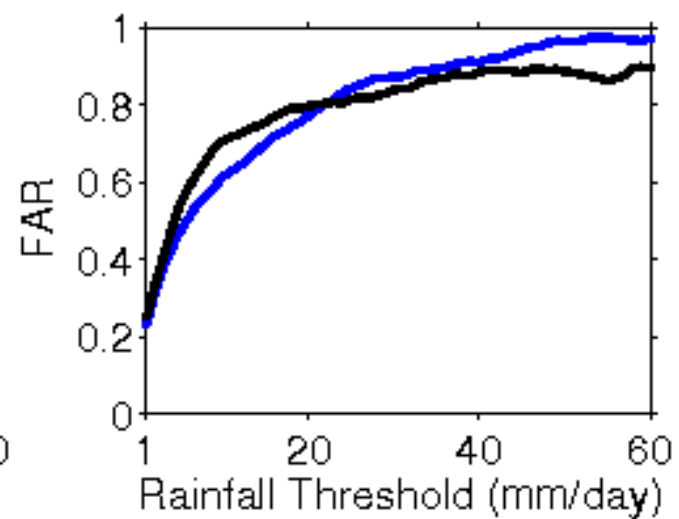
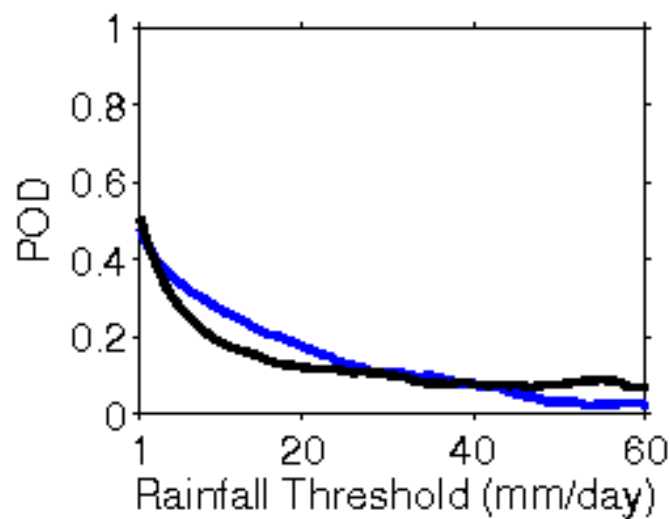
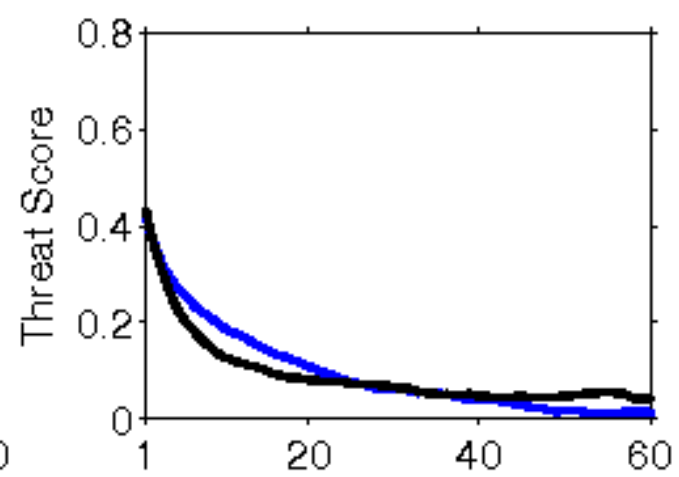
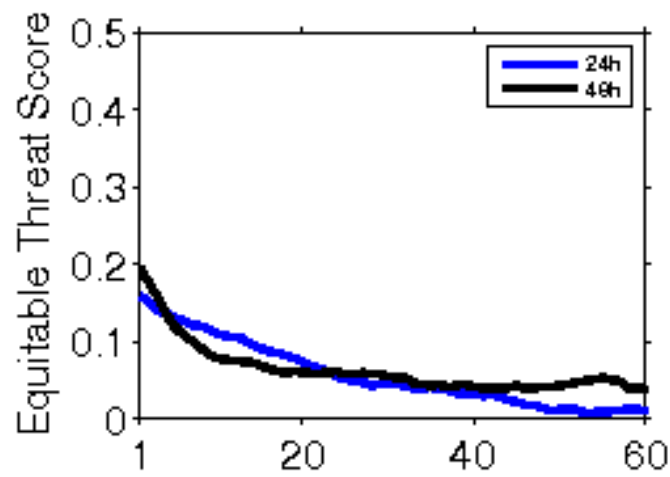




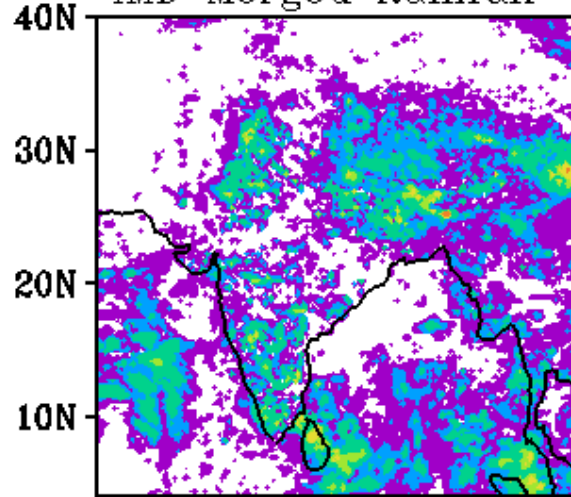
WRF Start Time
00Z 21082021

Forecast Period
03Z 21082021-03Z 22082021

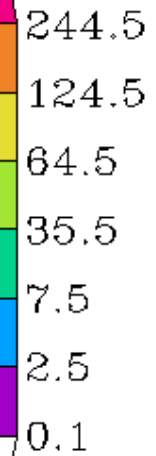
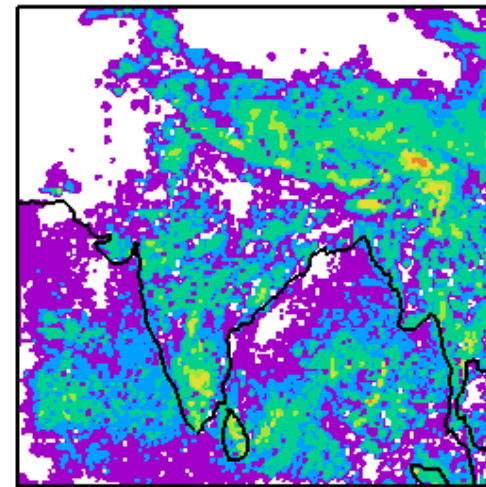




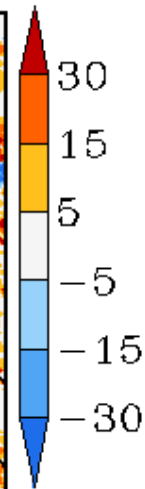
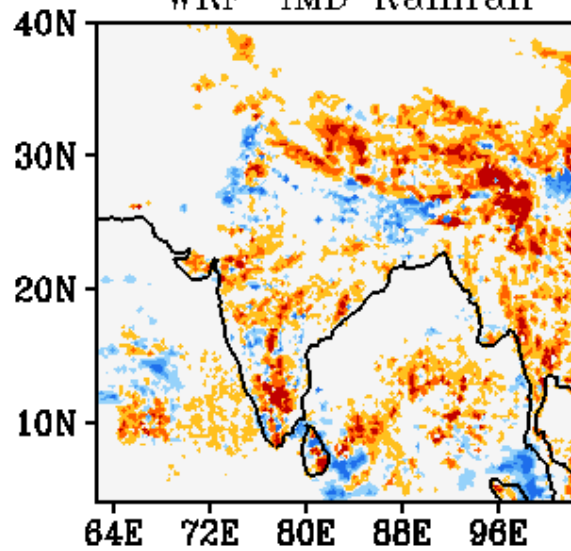
IMD Merged Rainfall



WRF Rainfall 24h FC

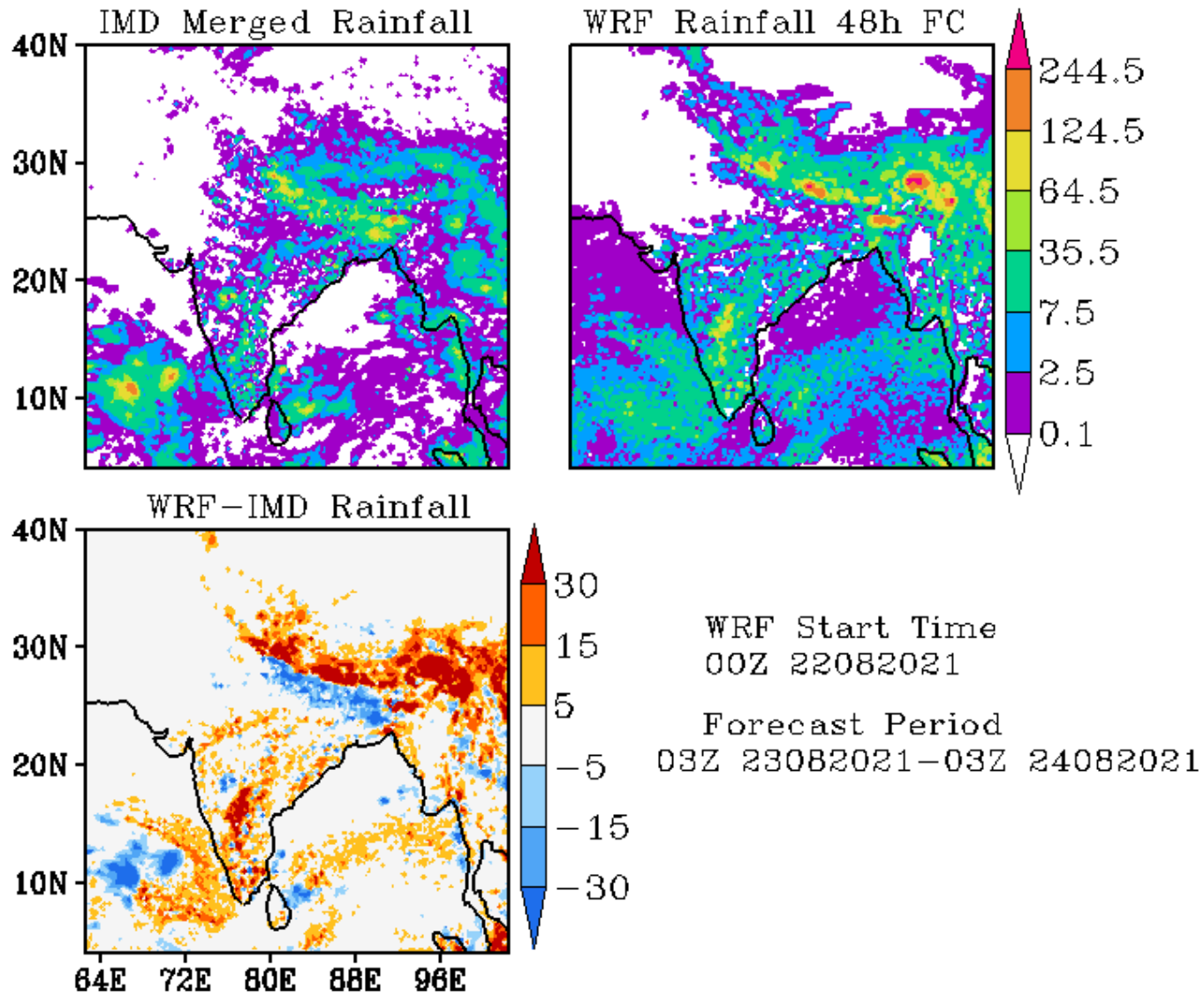


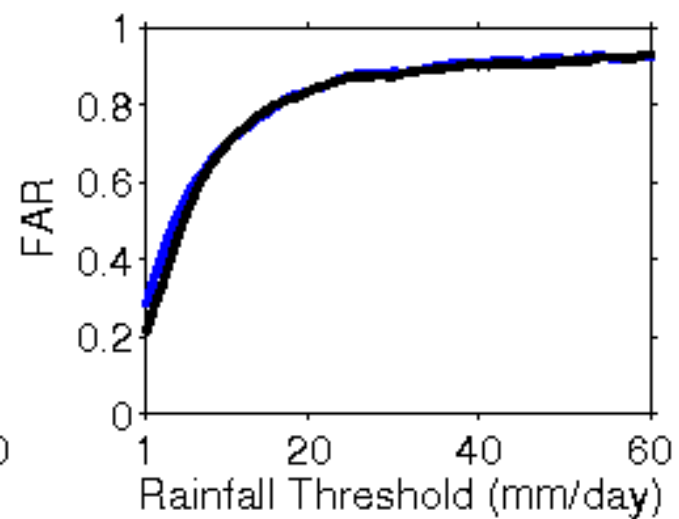
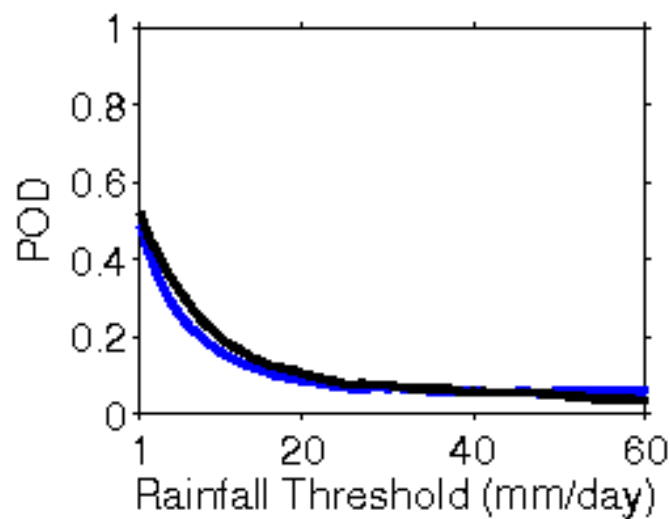
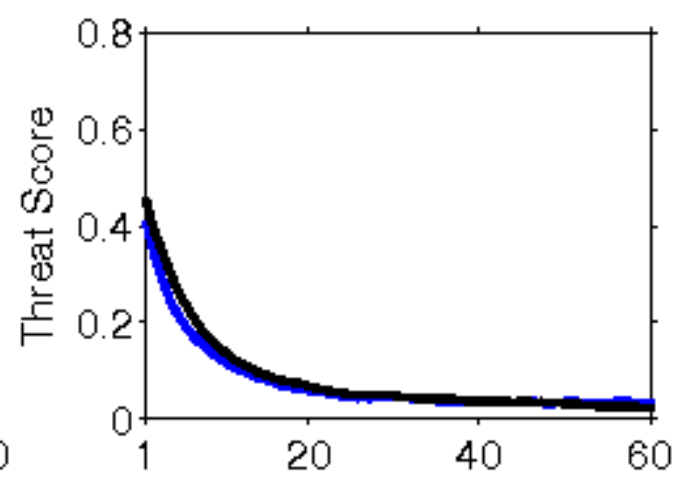
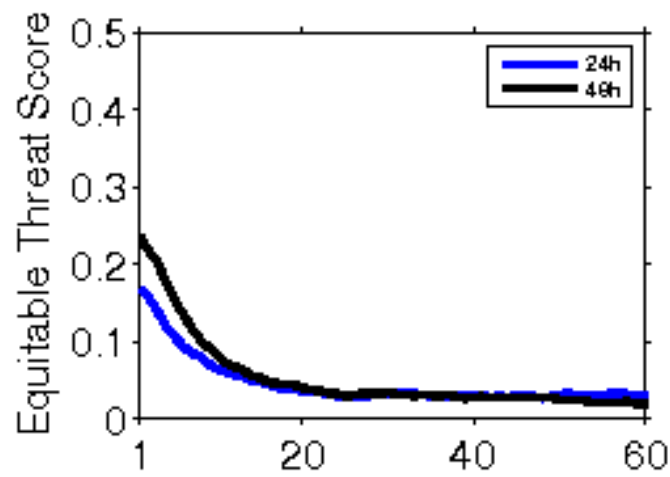
WRF-IMD Rainfall

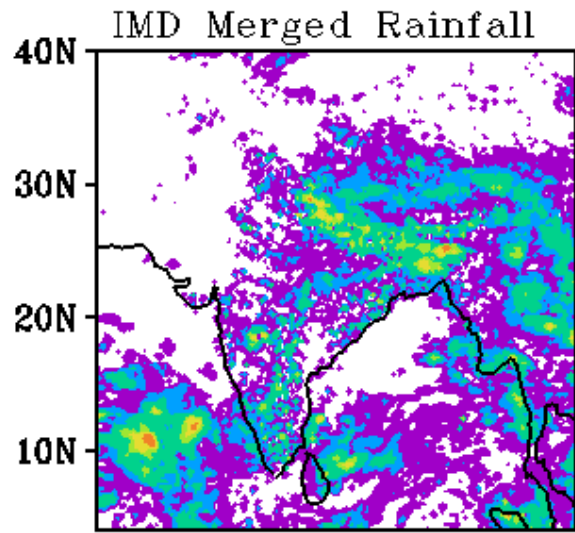


WRF Start Time
00Z 22082021

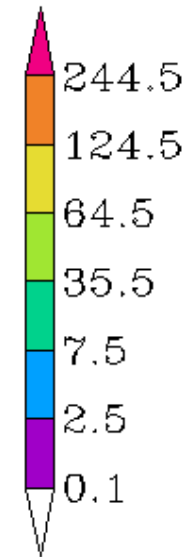
Forecast Period
03Z 22082021-03Z 23082021



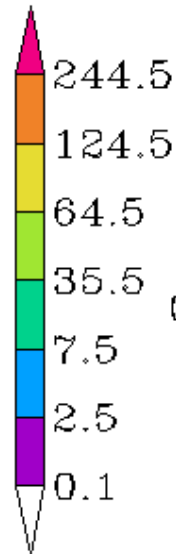




WRF Rainfall 24h FC



WRF-IMD Rainfall

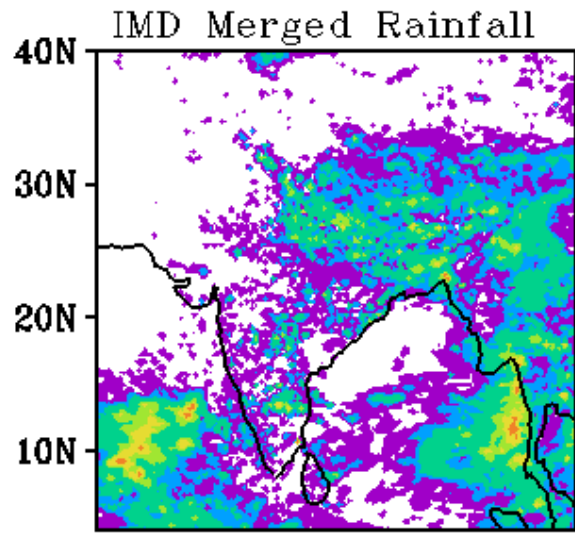


WRF Start Time

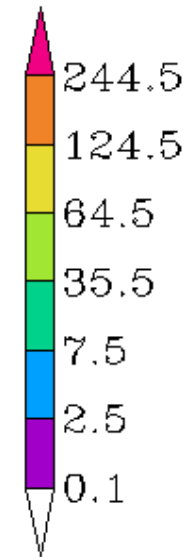
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Forecast Period

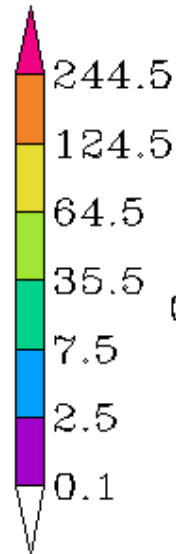
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WRF Rainfall 48h FC



WRF-IMD Rainfall

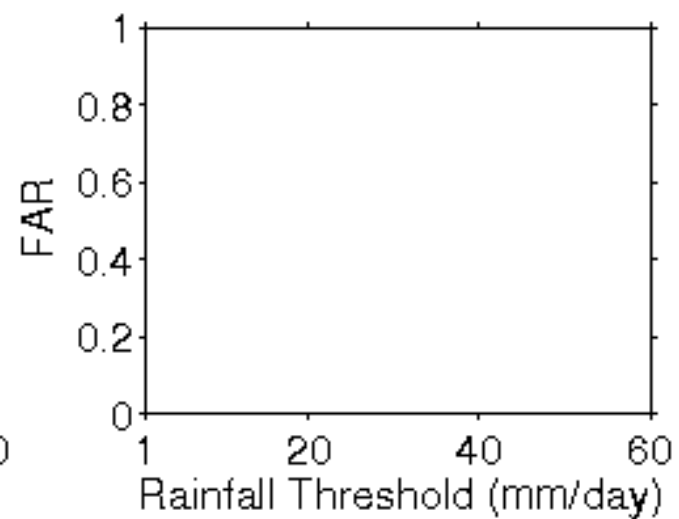
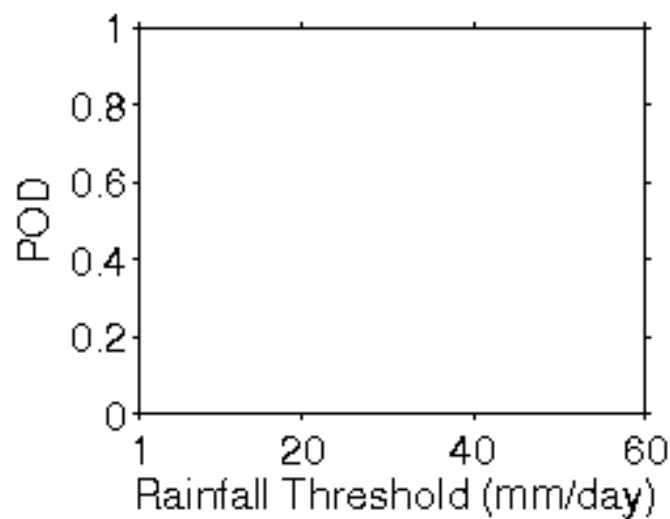
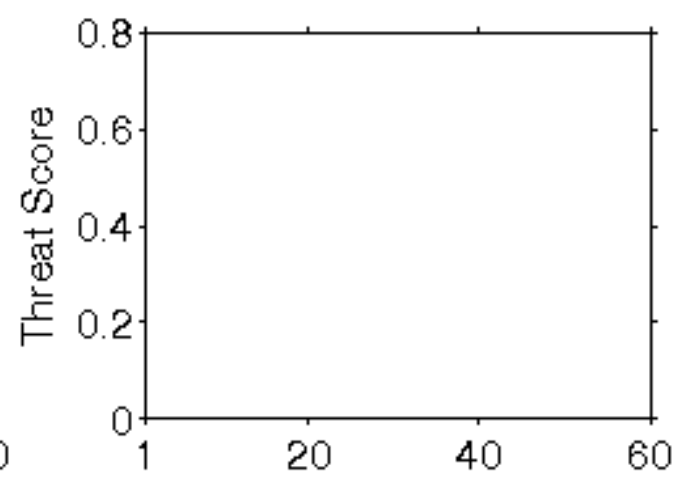
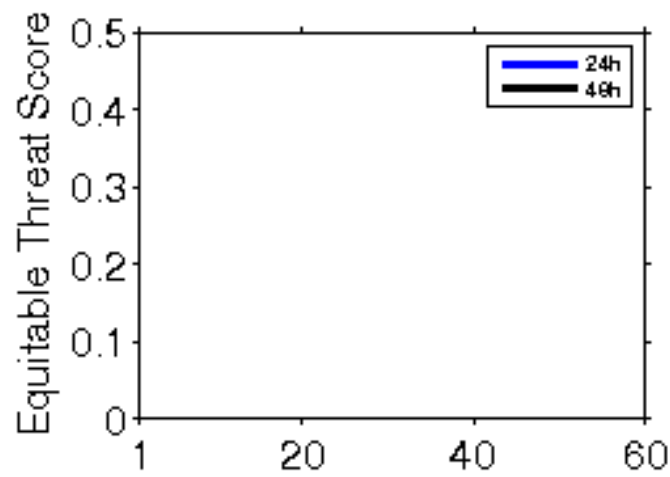


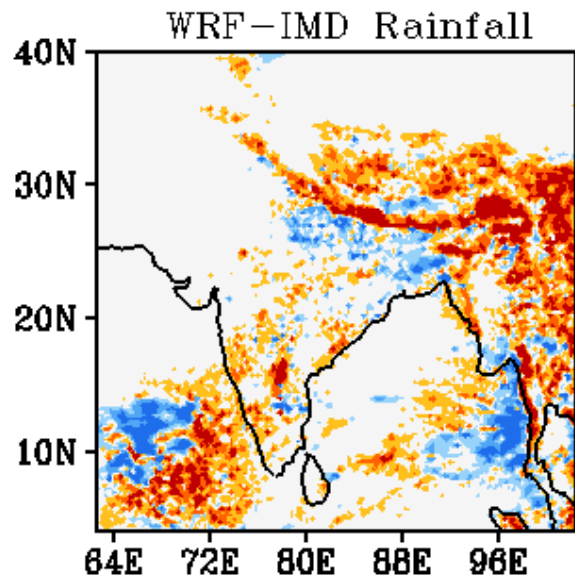
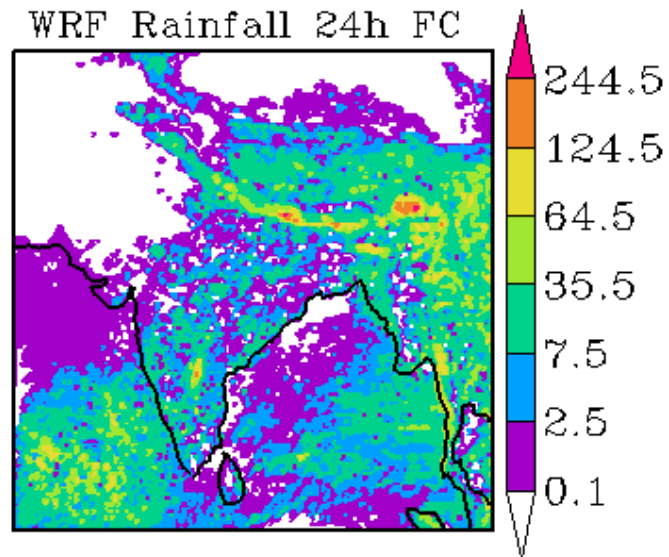
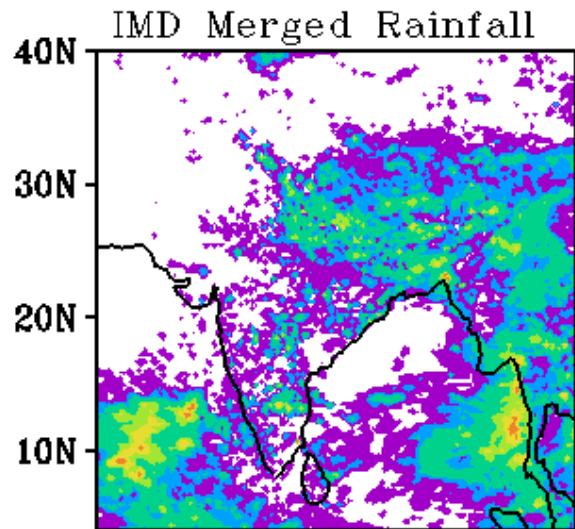
WRF Start Time

00Z 23082021

Forecast Period

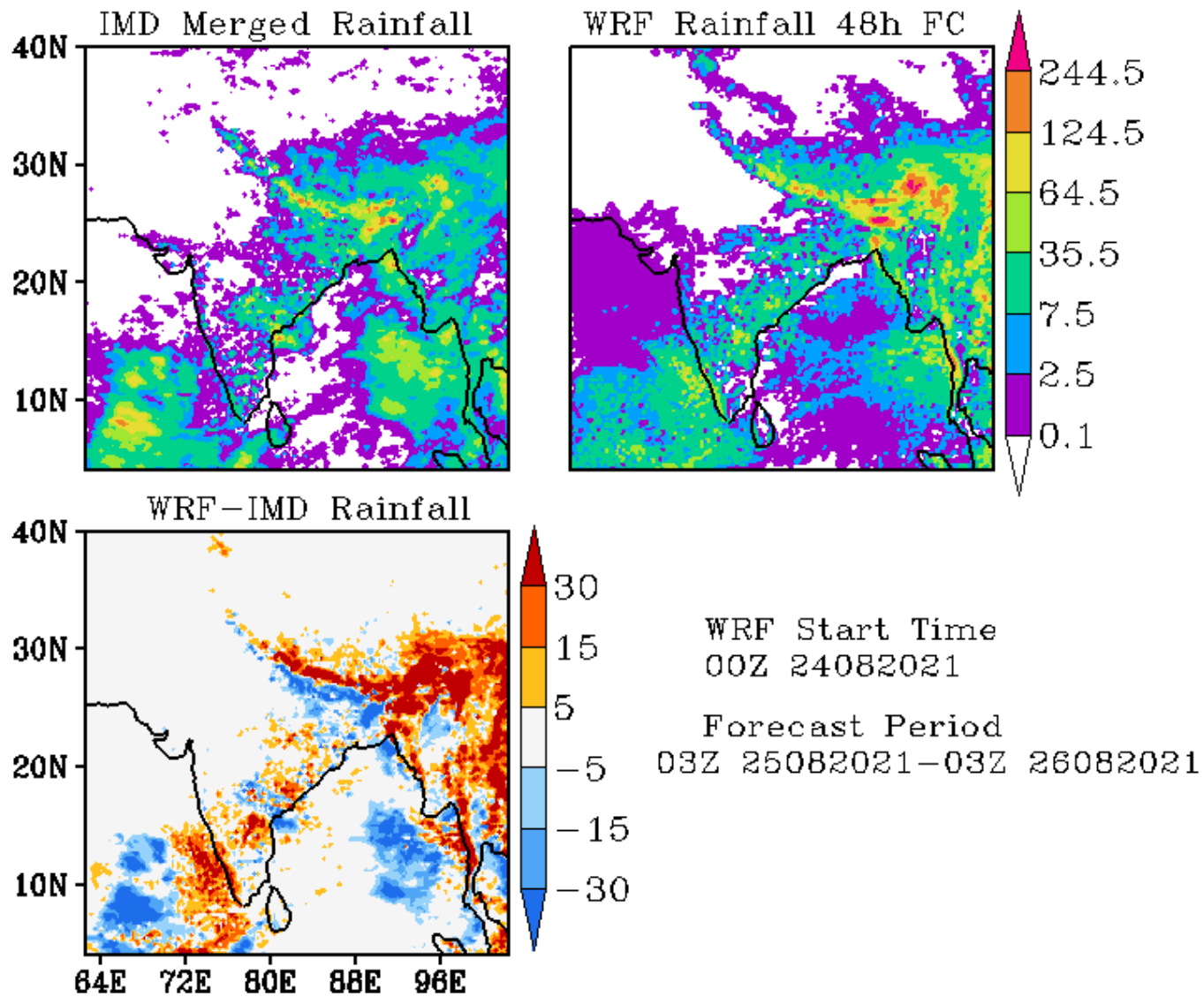
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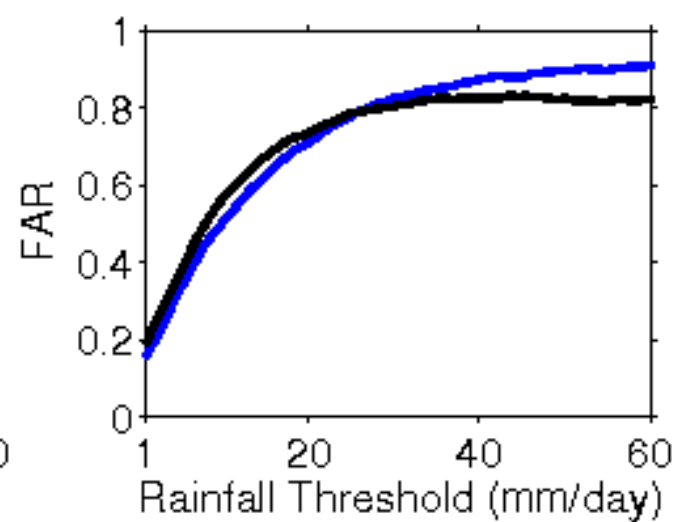
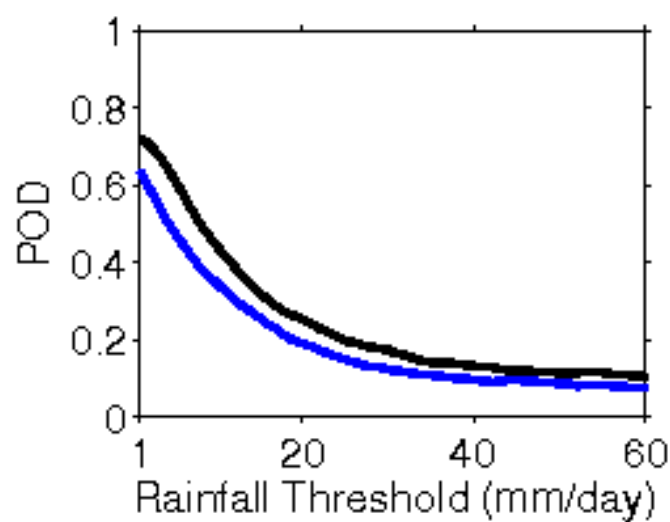
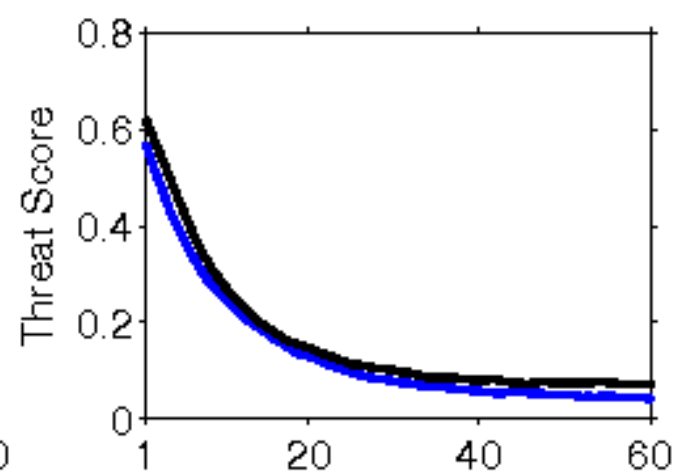
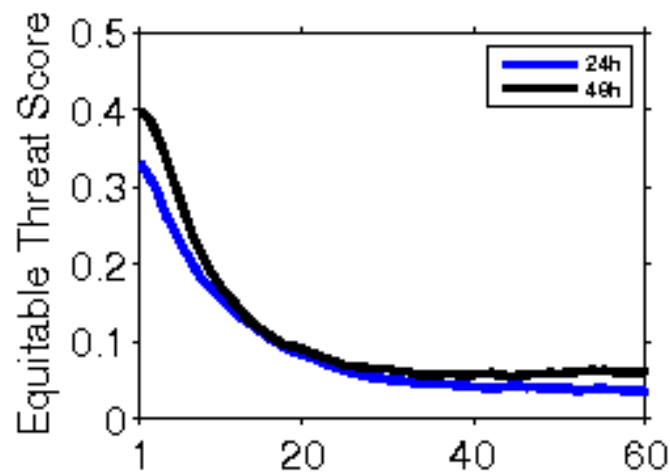


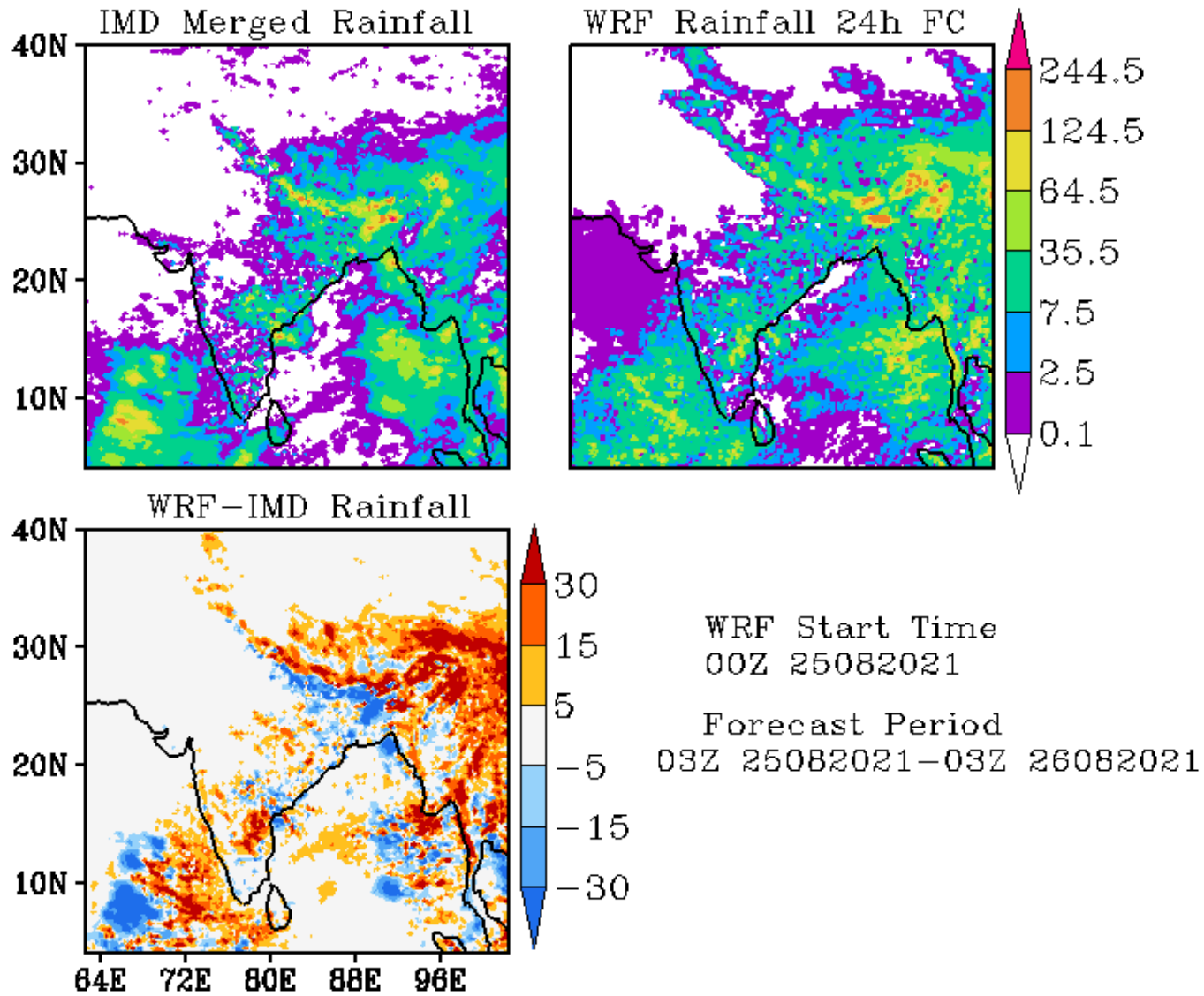


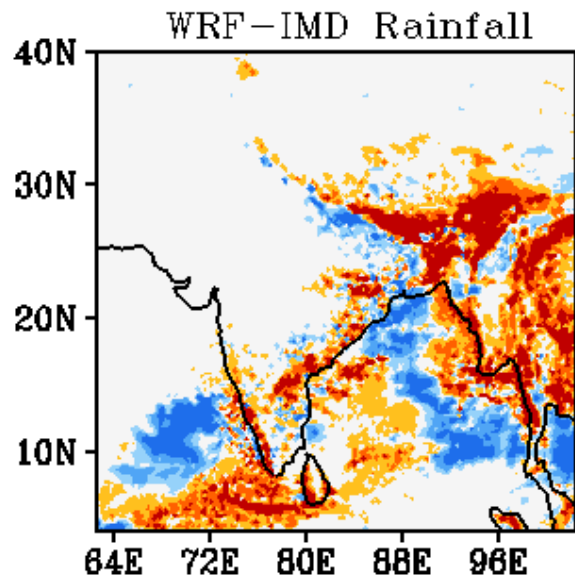
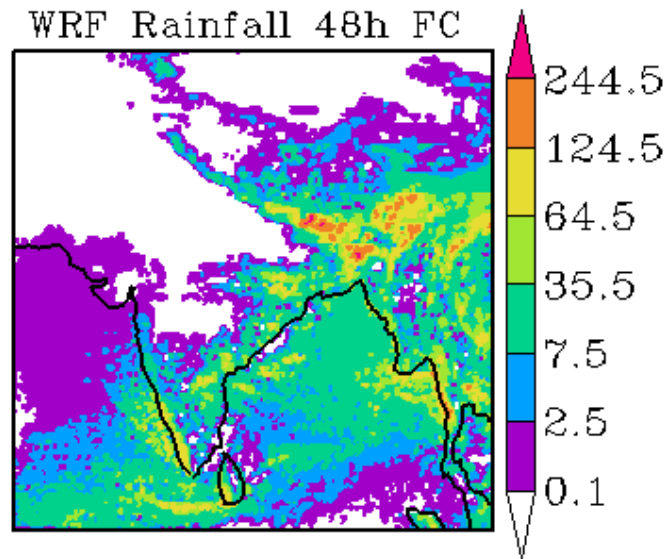
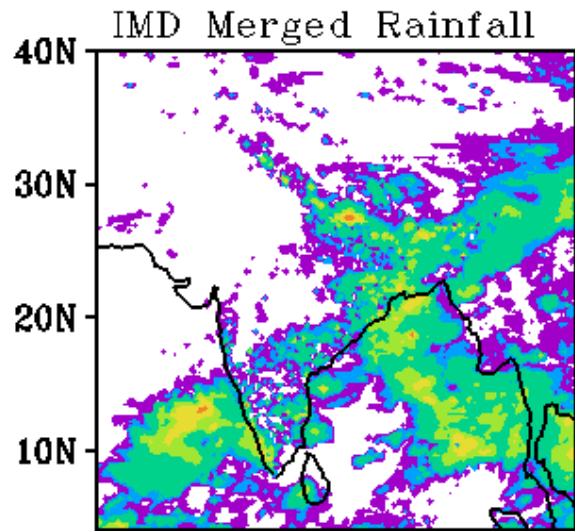
WRF Start Time
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Forecast Period
03Z 24082021-03Z 25082021



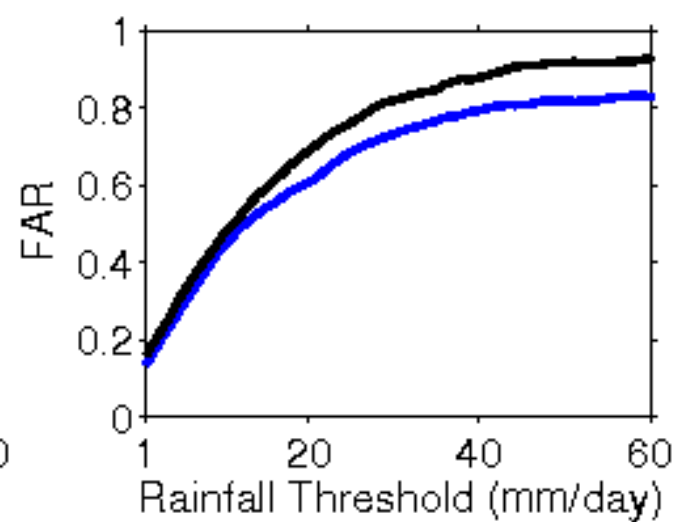
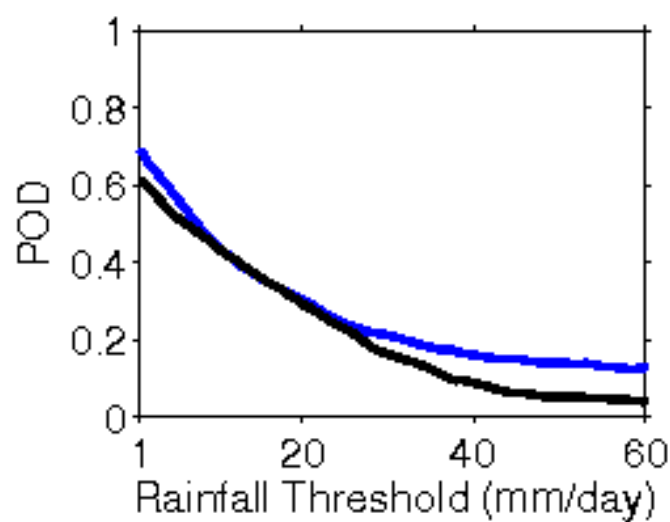
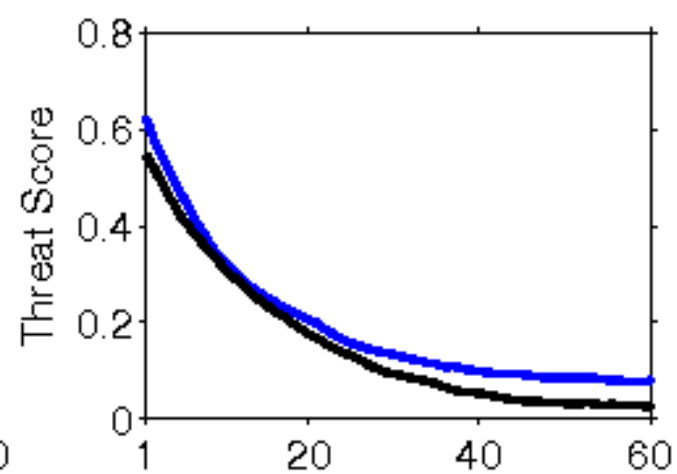
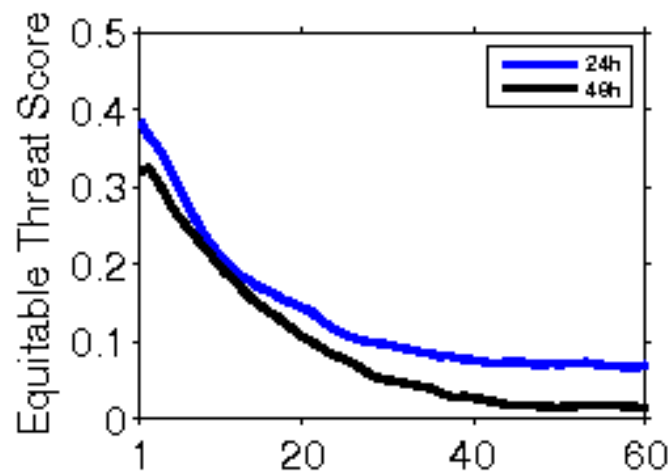


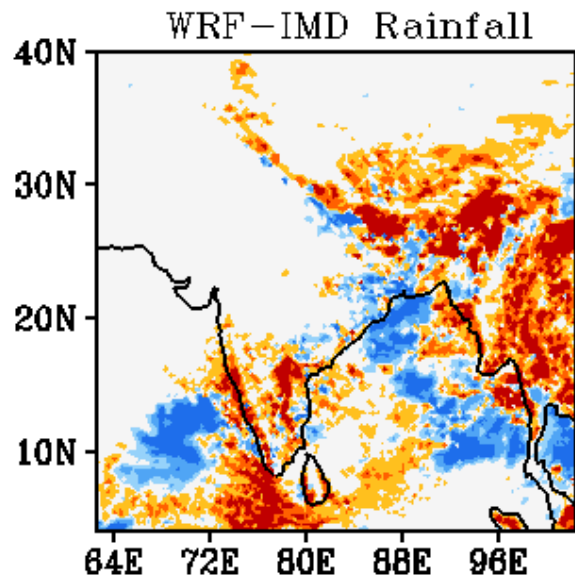
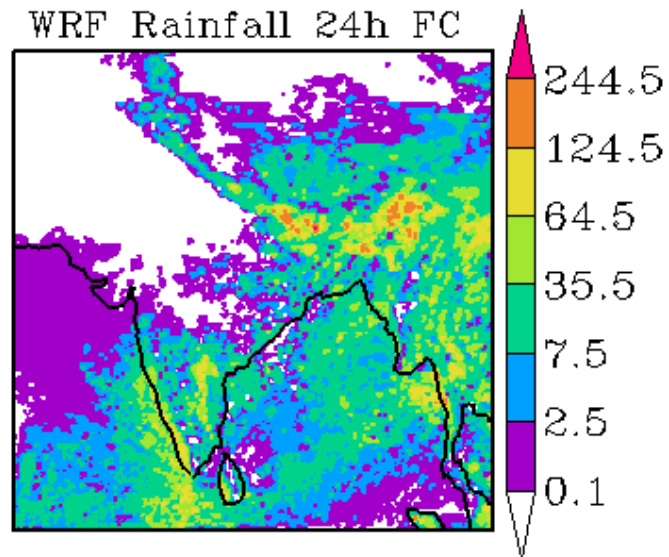
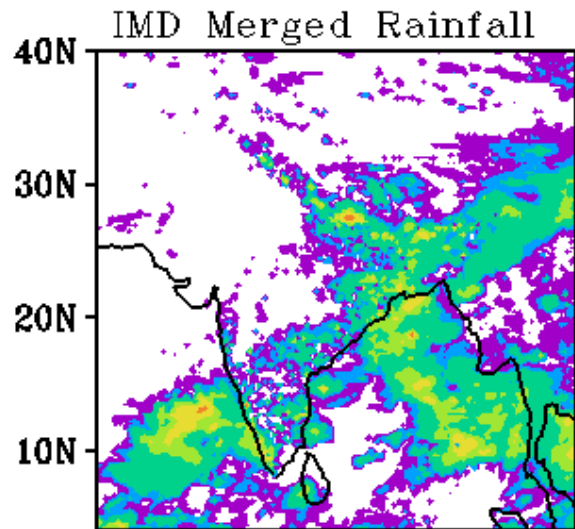




WRF Start Time
00Z 25082021

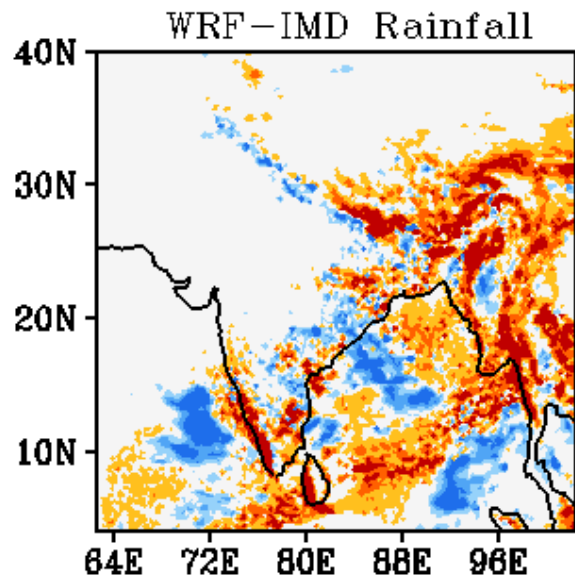
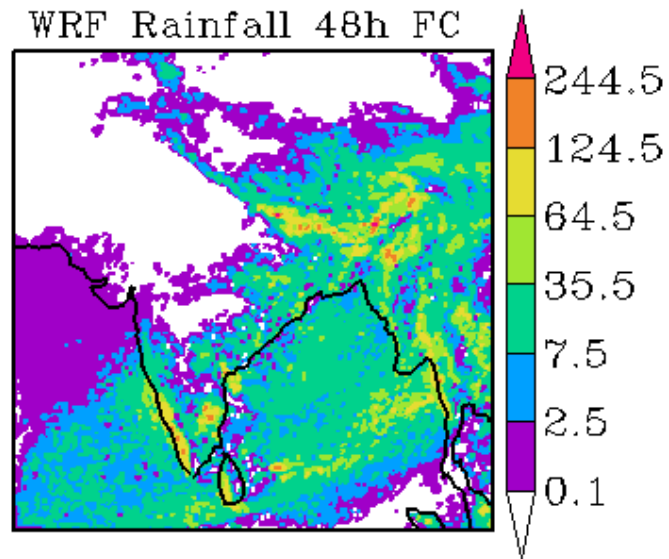
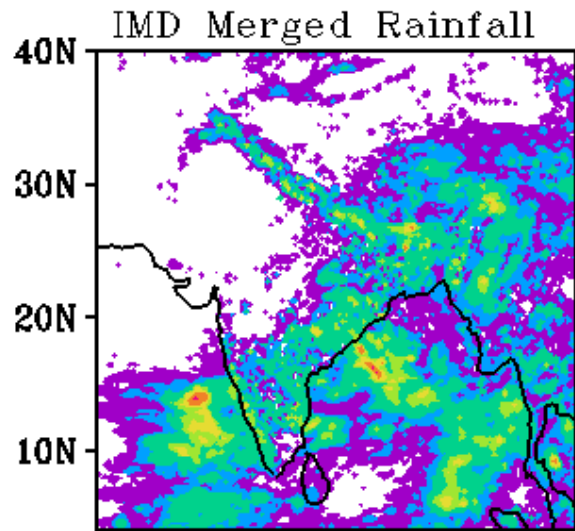
Forecast Period
03Z 26082021-03Z 27082021





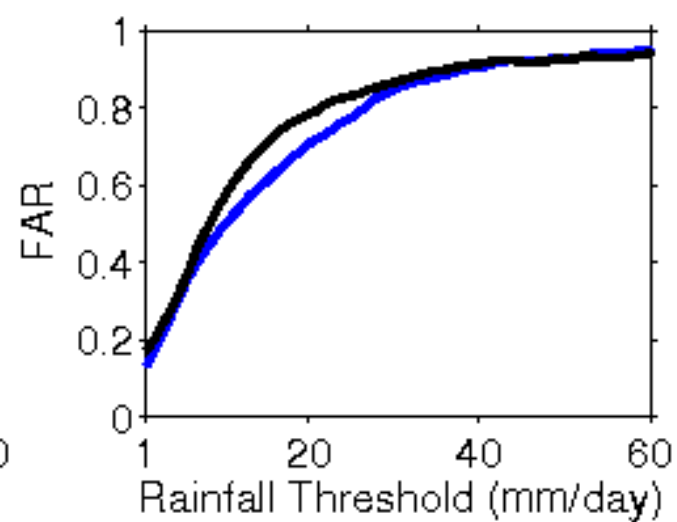
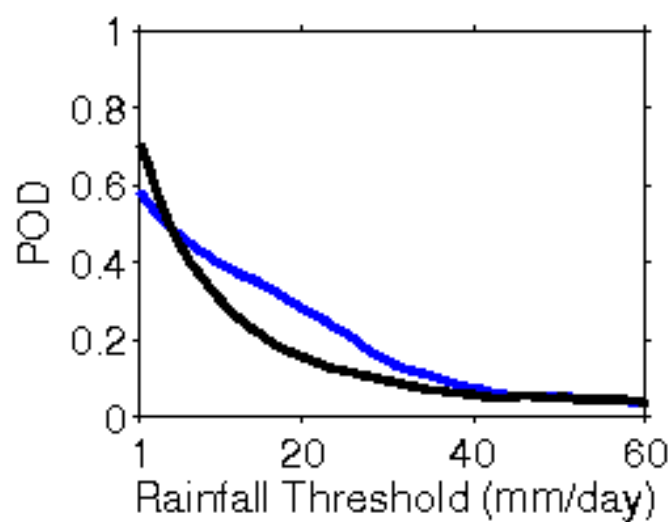
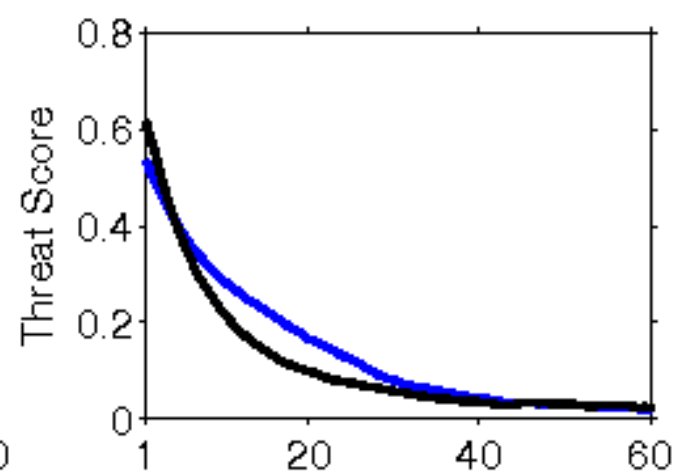
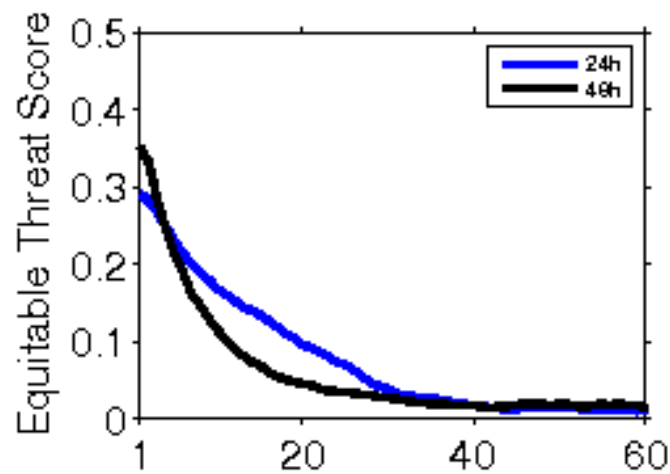
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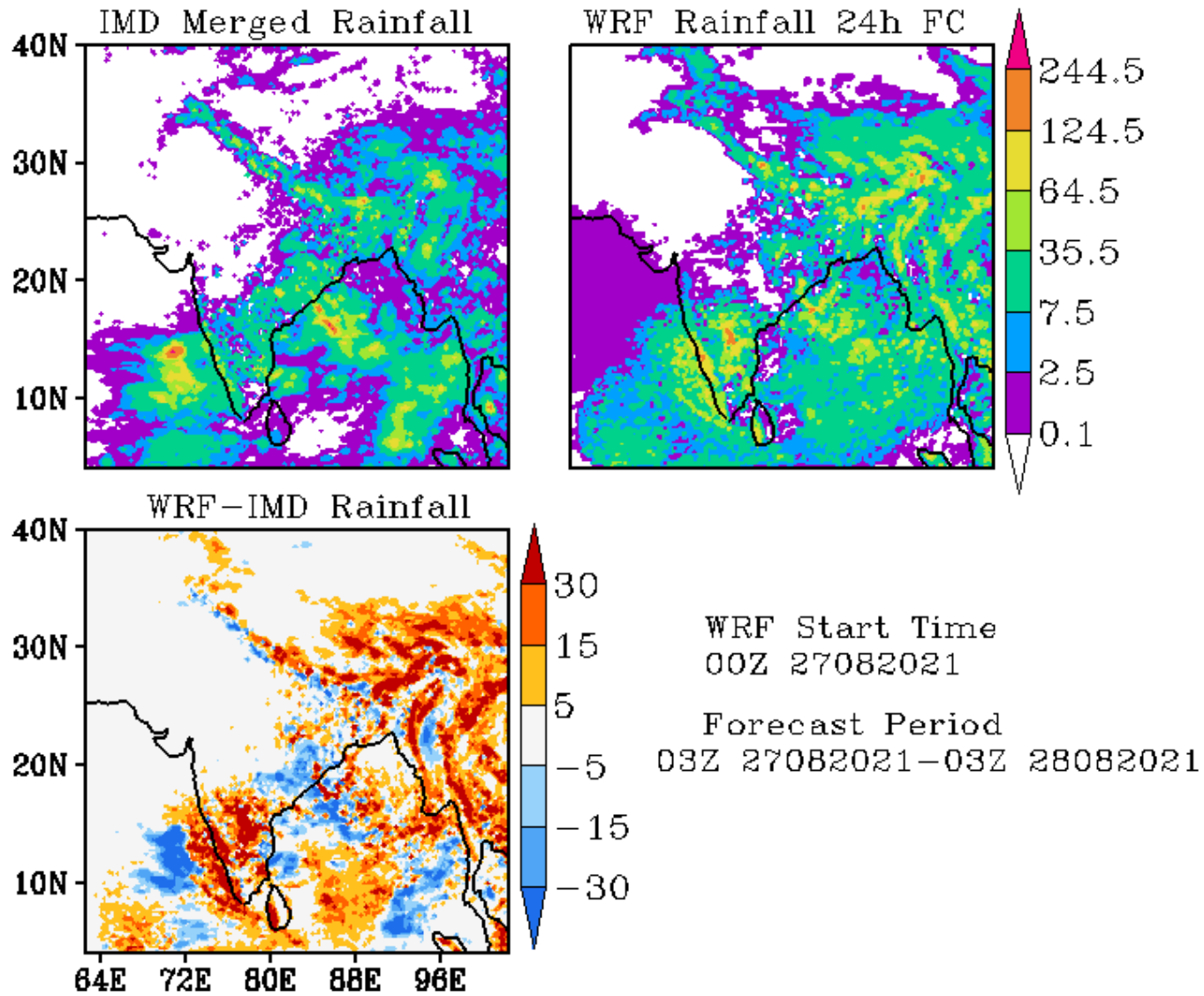
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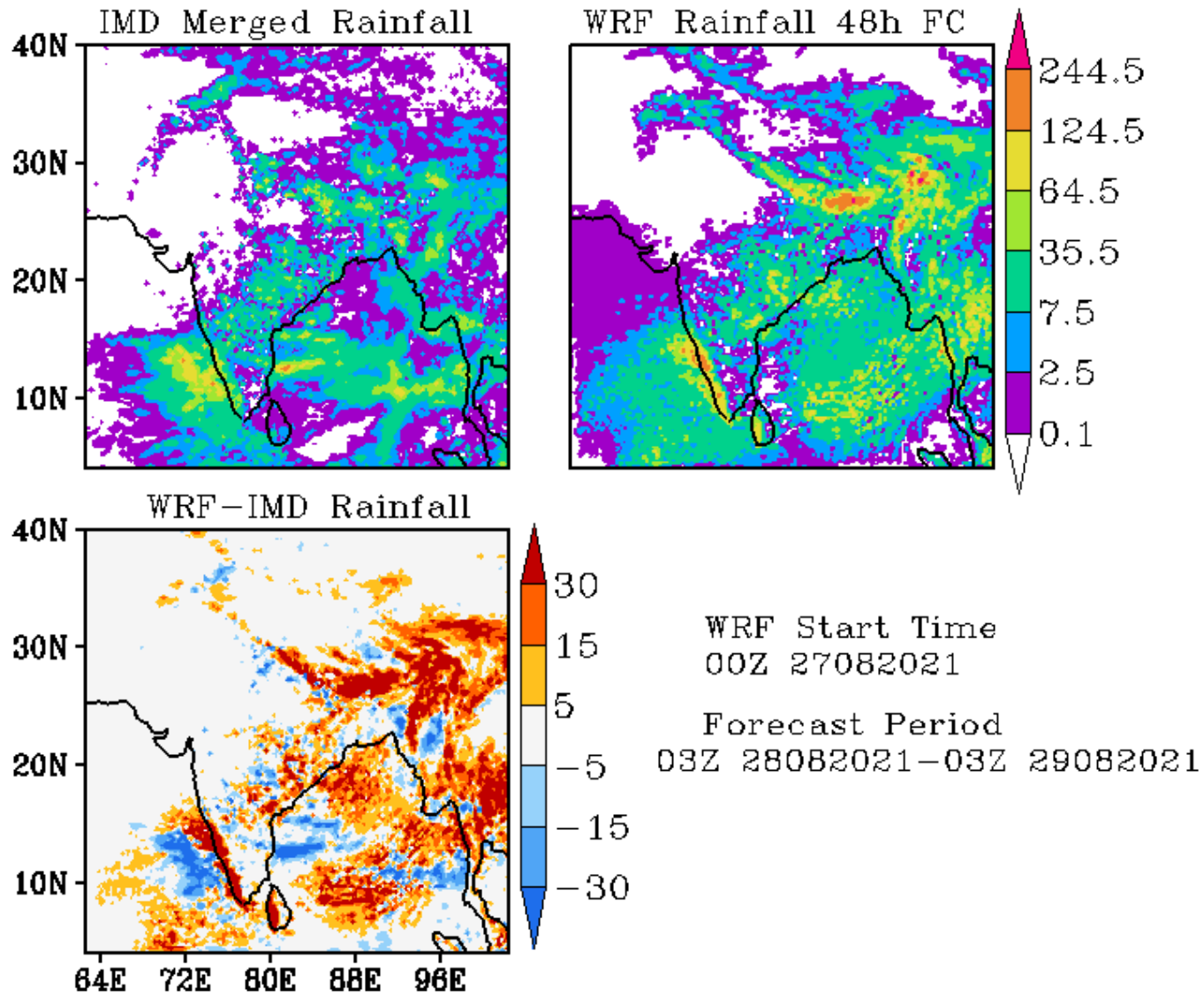


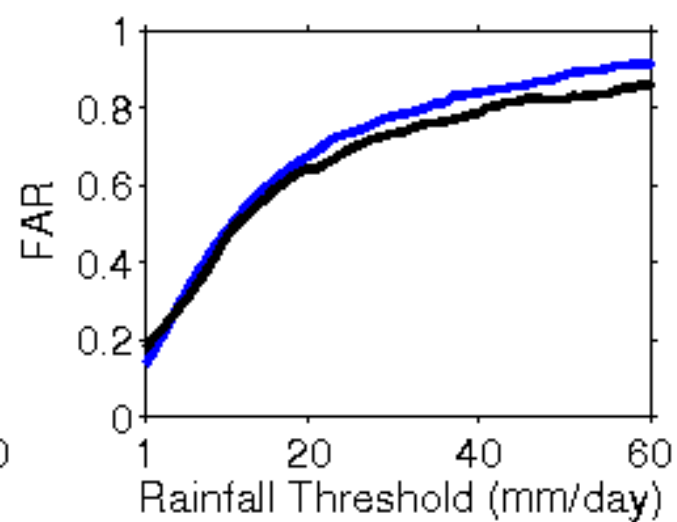
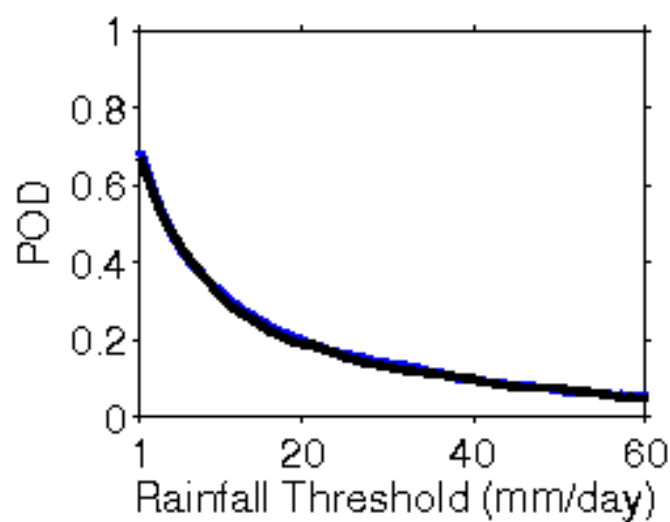
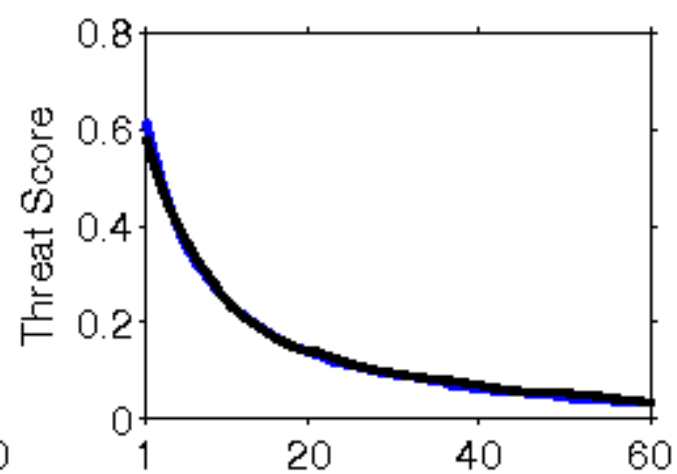
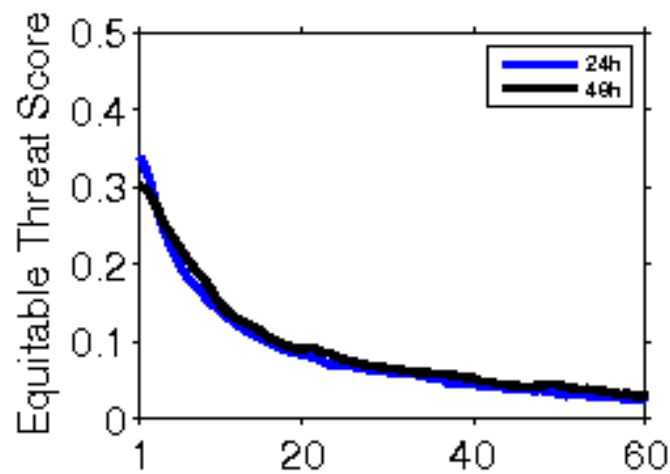
WRF Start Time
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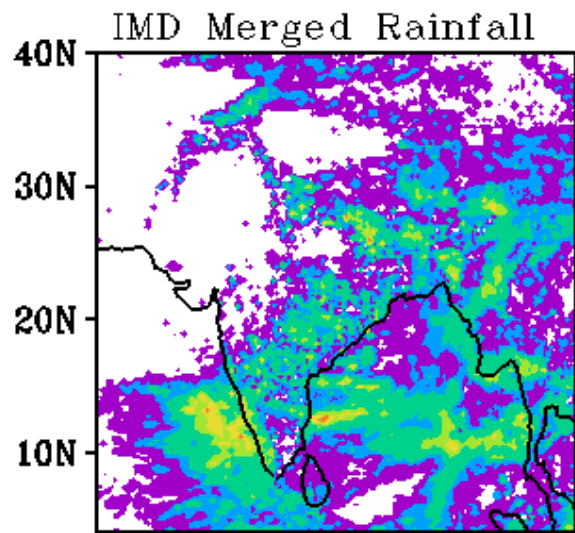
Forecast Period
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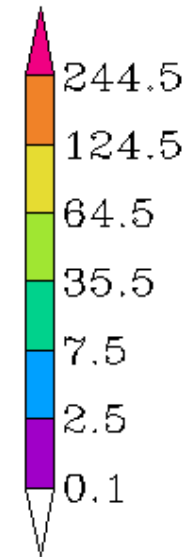




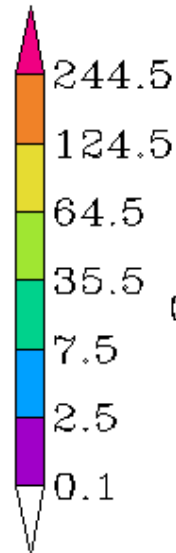




WRF Rainfall 24h FC



WRF-IMD Rainfall

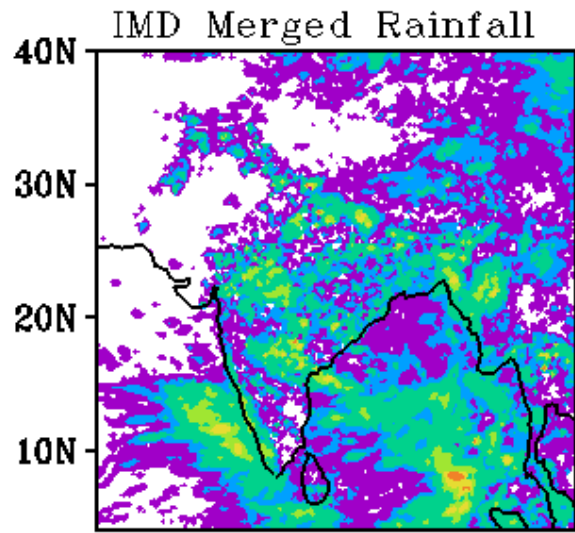


WRF Start Time

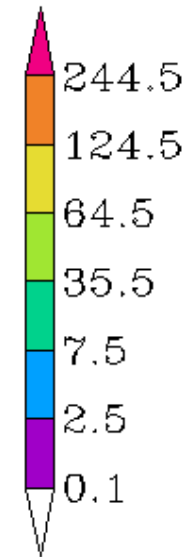
00Z 28082021

Forecast Period

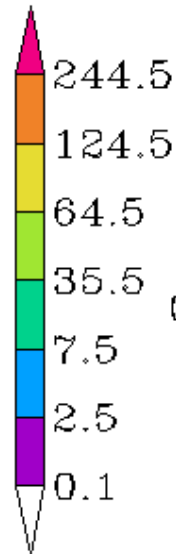
03Z 28082021-03Z 29082021



WRF Rainfall 48h FC



WRF-IMD Rainfall

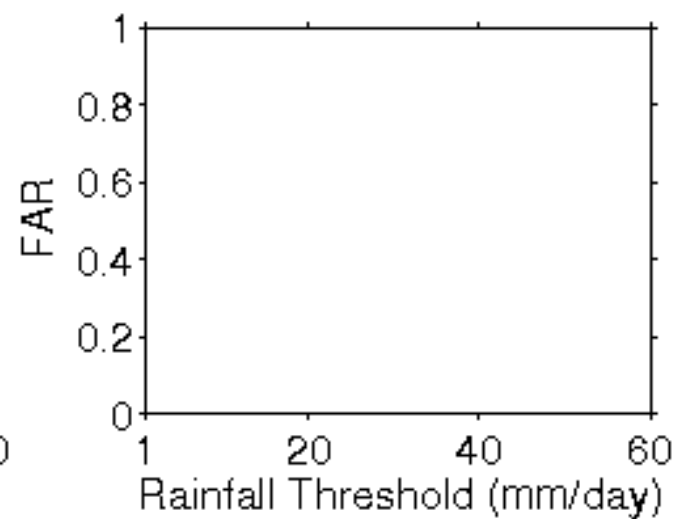
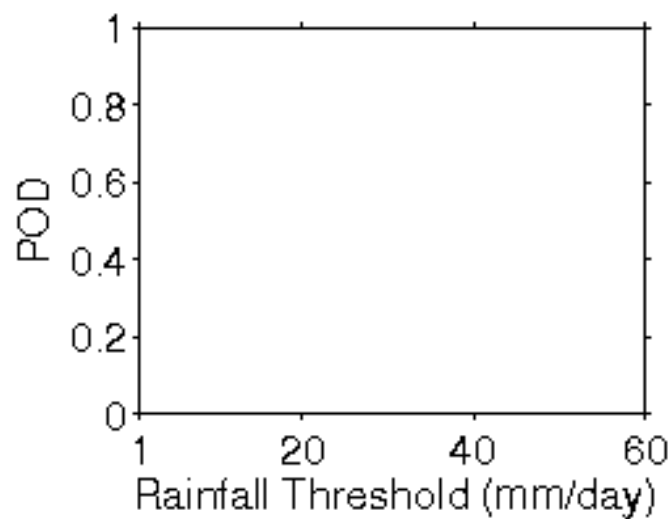
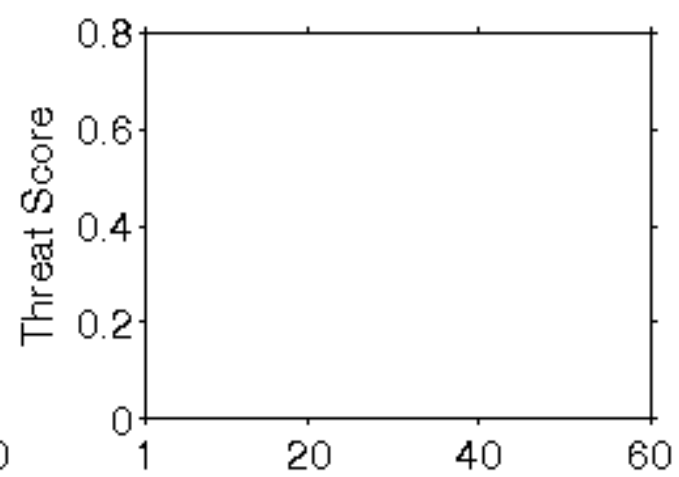
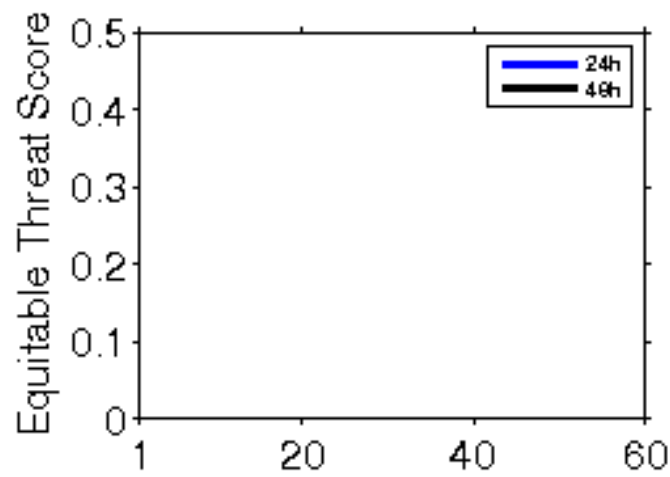


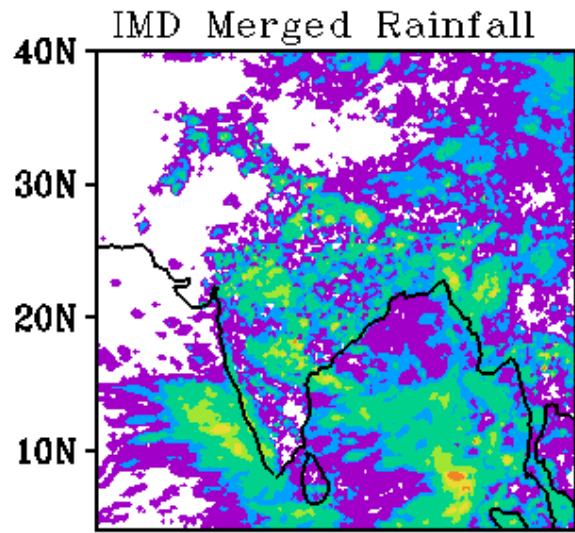
WRF Start Time

00Z 28082021

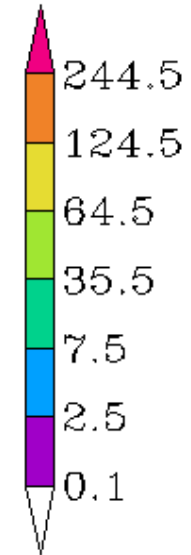
Forecast Period

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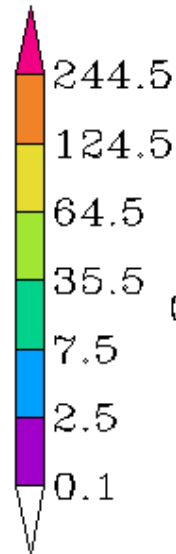




WRF Rainfall 24h FC



WRF-IMD Rainfall

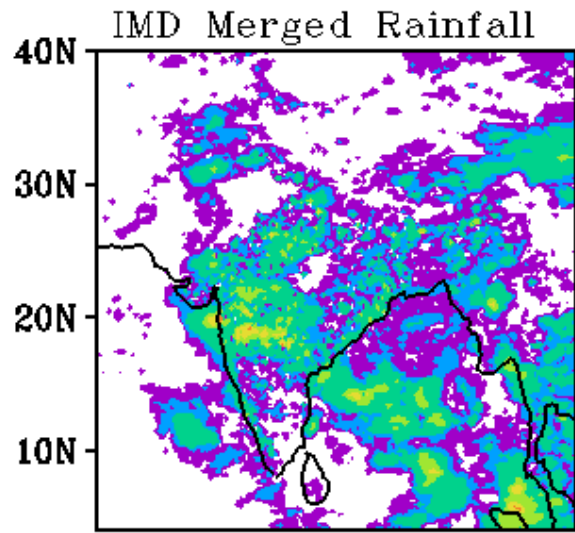


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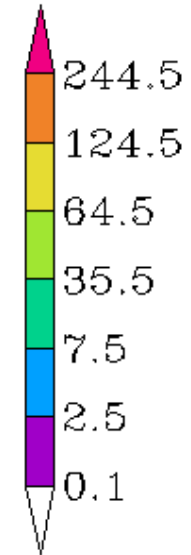
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Forecast Period

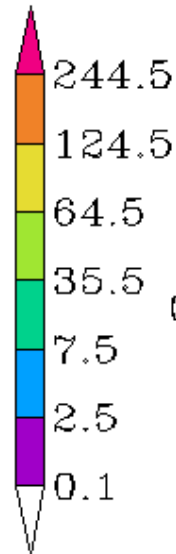
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WRF Rainfall 48h FC



WRF-IMD Rainfall

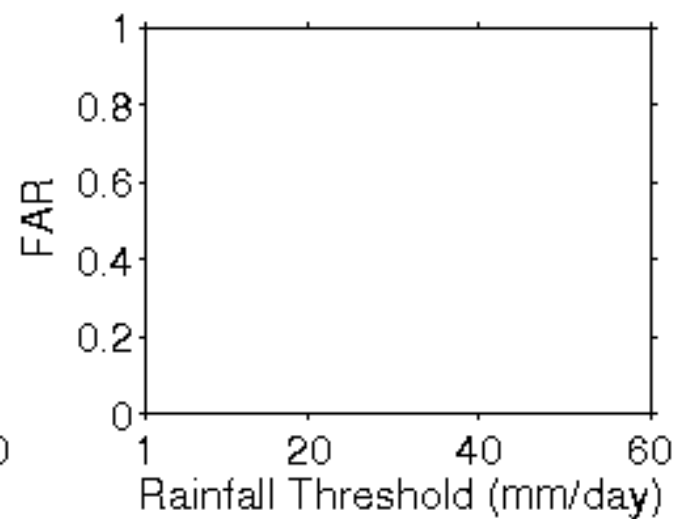
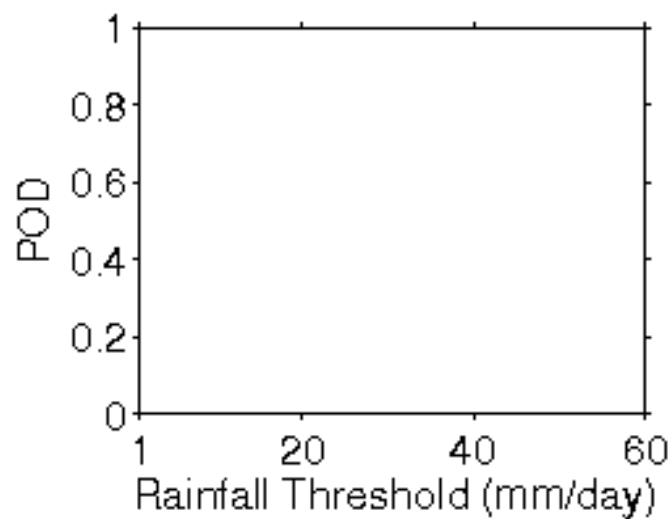
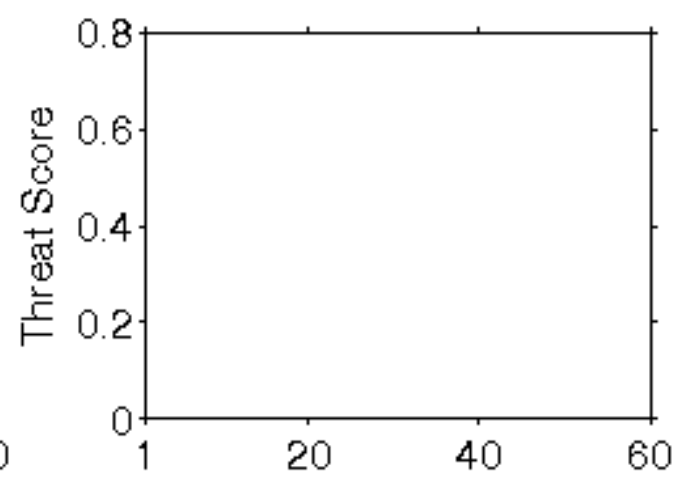
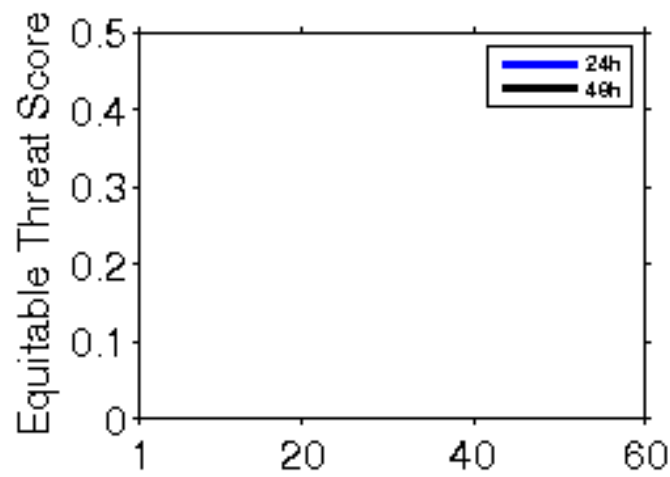


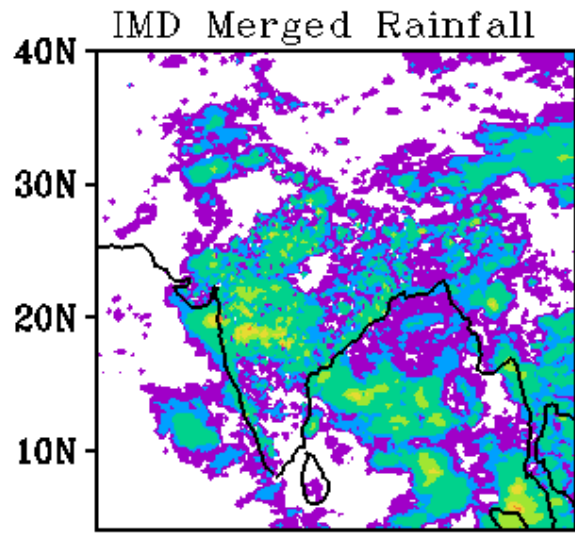
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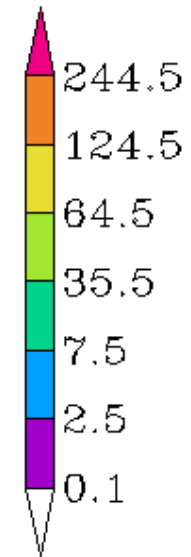
Forecast Period

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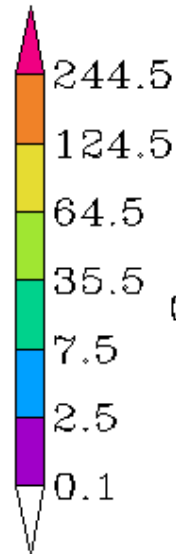




WRF Rainfall 24h FC



WRF-IMD Rainfall

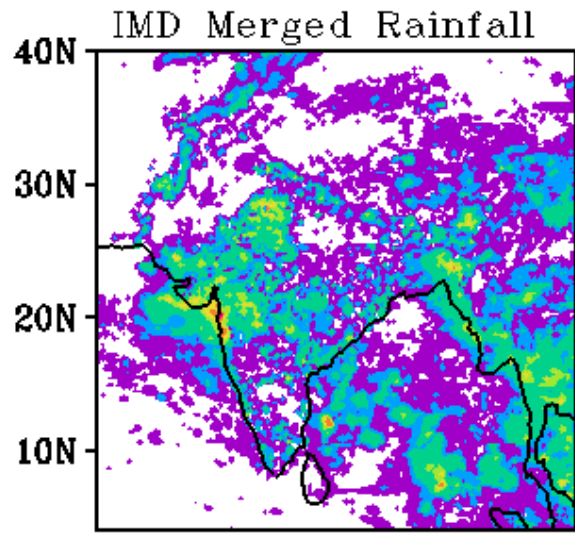


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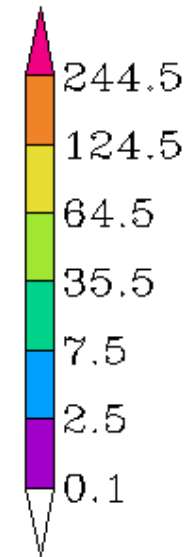
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Forecast Period

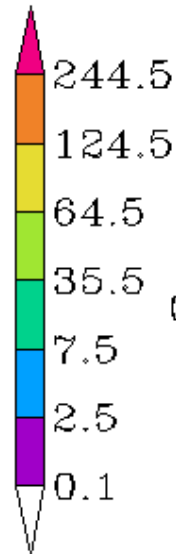
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WRF Rainfall 48h FC



WRF-IMD Rainfall

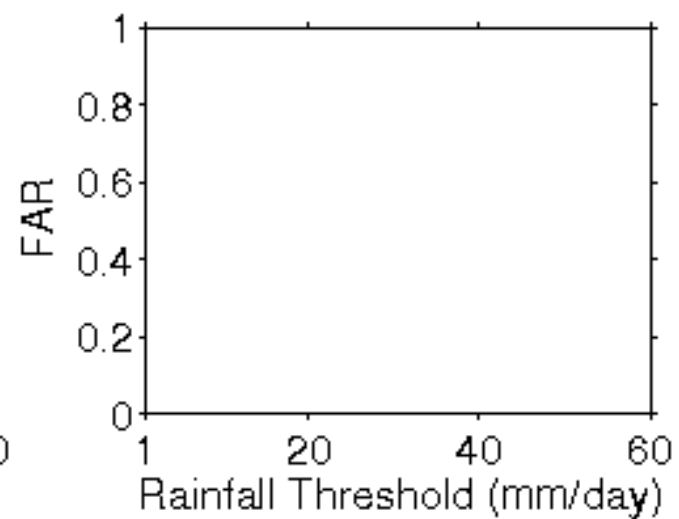
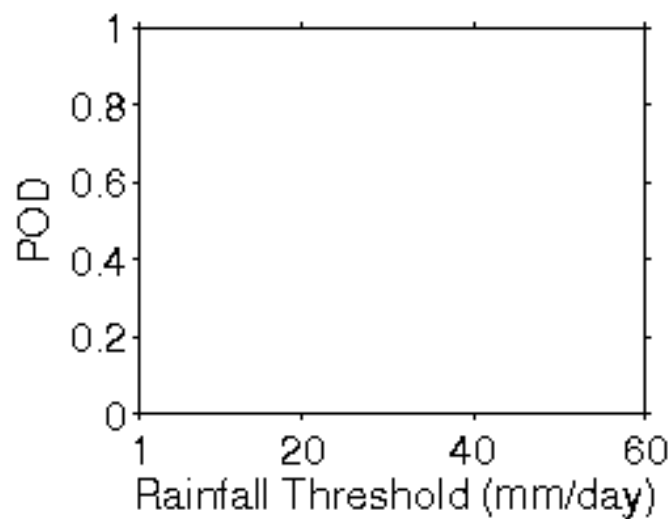
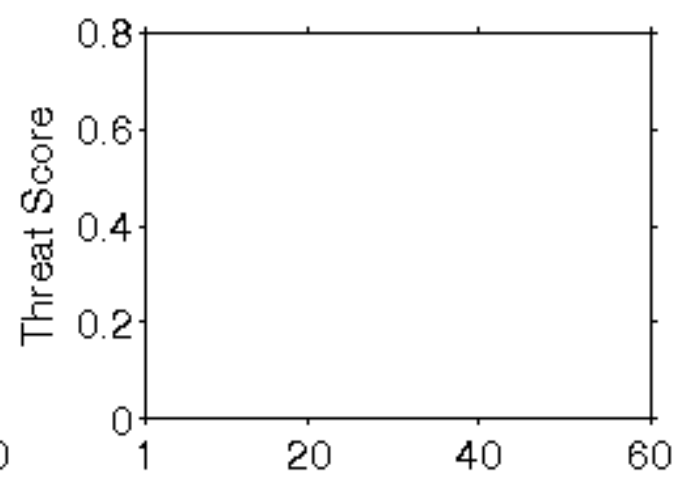
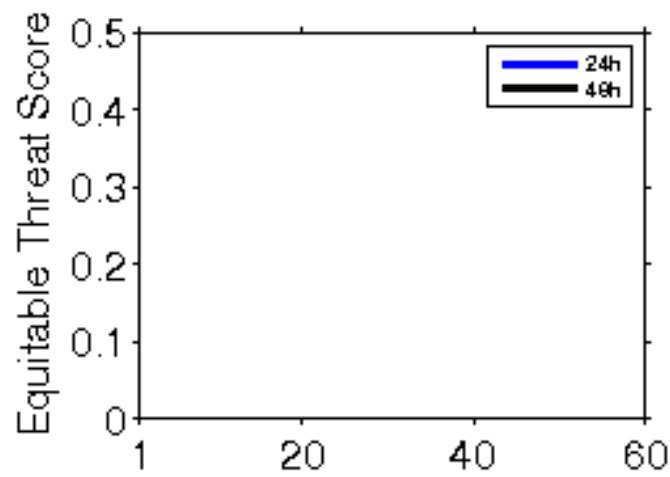


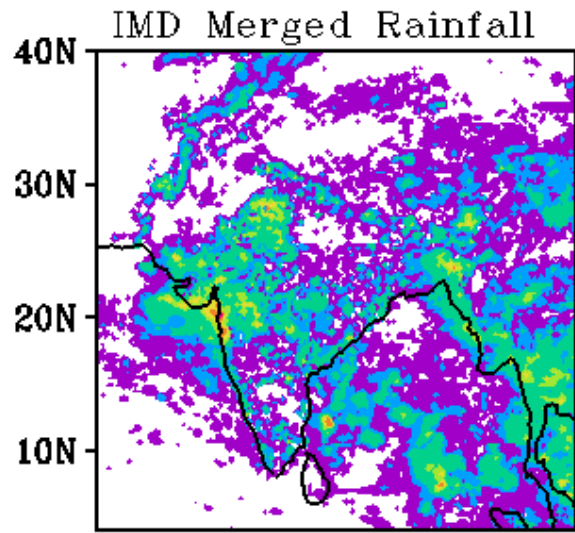
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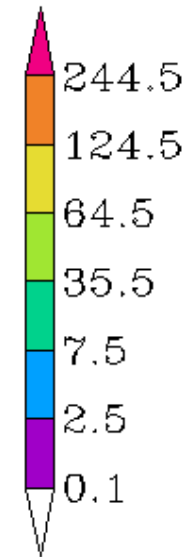
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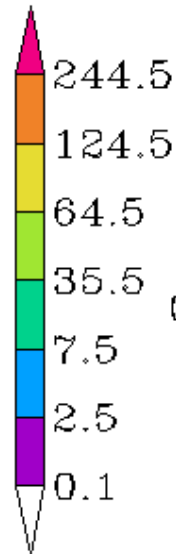




WRF Rainfall 24h FC



WRF-IMD Rainfall

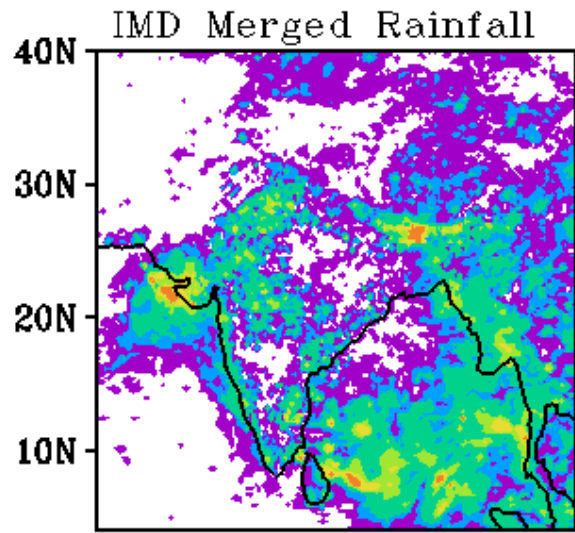


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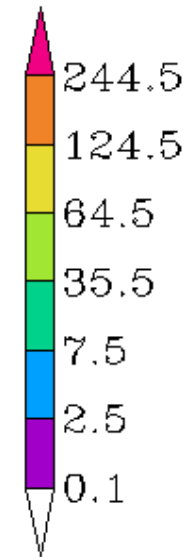
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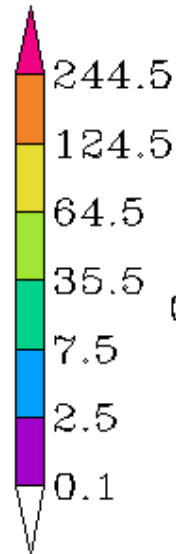
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WRF Rainfall 48h FC



WRF-IMD Rainfall



WRF Start Time

00Z 31082021

Forecast Period

03Z 01092021-03Z 02092021

