

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 01-02-21
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	2.04(-0.74)	17.11(5.27)	2.25(1.31)
48 Hour	2.33(-0.34)	21.28(4.37)	2.45(1.26)
72 Hour	2.64(-0.04)	22.34(4.46)	2.48(1.33)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 02-02-21
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	2.15(-0.86)	18.26(6.36)	2.17(1.22)
48 Hour	2.21(-0.38)	20.60(5.59)	2.24(1.27)
72 Hour	2.89(0.16)	23.56(6.15)	2.62(1.27)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 03-02-21
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	2.13(-0.87)	17.94(7.09)	2.04(1.08)
48 Hour	2.43(-0.45)	22.12(6.60)	2.44(1.19)
72 Hour	2.98(-0.13)	22.34(6.26)	2.74(1.23)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 04-02-21
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	2.19(-0.97)	17.74(5.58)	2.17(1.06)
48 Hour	2.63(-0.61)	20.14(5.64)	2.35(1.12)
72 Hour	3.08(-0.02)	23.55(5.21)	2.57(1.39)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 05-02-21
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	2.13(-0.88)	17.95(5.69)	2.19(1.20)
48 Hour	2.89(-0.56)	22.26(3.85)	2.49(1.24)
72 Hour	3.41(-0.05)	24.80(3.59)	2.96(1.33)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 06-02-21
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	2.24(-1.00)	15.89(4.47)	2.17(1.12)
48 Hour	3.11(-0.69)	20.14(2.19)	2.70(1.08)
72 Hour	3.71(-0.20)	24.00(3.50)	2.88(1.06)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 07-02-21
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	2.20(-0.96)	15.12(4.78)	2.32(1.07)
48 Hour	2.72(-0.58)	20.87(3.70)	2.69(0.89)
72 Hour	3.19(-0.30)	24.19(3.36)	2.67(0.89)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 08-02-21
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	2.05(-0.54)	14.88(3.75)	2.35(1.12)
48 Hour	2.45(-0.30)	21.15(4.13)	2.49(0.98)
72 Hour	3.20(0.07)	23.73(3.83)	2.64(0.76)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 09-02-21
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	2.05(-0.67)	16.13(6.82)	2.23(1.42)
48 Hour	2.71(-0.11)	22.93(5.61)	2.49(1.38)
72 Hour	2.63(0.15)	22.07(5.37)	2.49(1.43)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 10-02-21
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	2.18(-0.96)	18.16(6.85)	2.15(1.31)
48 Hour	2.46(-0.52)	21.23(4.79)	2.34(1.44)
72 Hour	2.37(-0.18)	21.87(4.05)	2.50(1.39)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 11-02-21
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	2.14(-1.09)	16.86(6.20)	2.21(1.34)
48 Hour	2.31(-0.73)	20.39(6.52)	2.63(1.23)
72 Hour	2.61(-0.49)	21.37(4.64)	2.40(1.31)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 12-02-21
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	2.22(-1.10)	16.19(5.31)	2.23(1.28)
48 Hour	2.63(-0.81)	20.42(4.87)	2.26(1.27)
72 Hour	2.27(-0.40)	22.16(5.69)	2.31(1.23)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 13-02-21
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	2.18(-1.10)	15.77(7.20)	1.96(1.15)
48 Hour	2.40(-0.87)	21.30(6.29)	2.34(1.34)
72 Hour	2.54(-0.60)	23.25(5.65)	2.35(1.48)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 14-02-21
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	2.13(-0.91)	18.63(8.31)	2.08(1.21)
48 Hour	2.69(-0.74)	23.94(7.42)	2.30(1.30)
72 Hour	2.75(-0.48)	25.03(5.64)	2.24(1.40)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 15-02-21
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	2.25(-1.16)	18.05(6.69)	2.02(1.15)
48 Hour	2.28(-0.78)	19.42(5.07)	2.24(1.24)
72 Hour	2.63(-0.56)	21.84(4.56)	2.40(1.30)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 16-02-21
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	2.04(-0.84)	17.85(6.85)	2.05(1.19)
48 Hour	2.39(-0.76)	21.36(5.75)	2.29(1.30)
72 Hour	2.48(-0.45)	21.98(4.44)	2.59(1.25)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 17-02-21
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	2.13(-0.93)	17.52(7.33)	2.09(1.33)
48 Hour	2.25(-0.70)	18.39(8.50)	2.42(1.27)
72 Hour	2.56(-0.42)	20.59(5.66)	2.67(1.25)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 18-02-21
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	2.22(-0.93)	15.97(5.95)	2.05(1.14)
48 Hour	2.30(-0.55)	19.17(6.68)	2.36(1.19)
72 Hour	2.65(-0.41)	20.53(8.32)	2.38(1.17)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 19-02-21
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	2.19(-0.79)	15.91(6.68)	2.05(1.16)
48 Hour	2.40(-0.64)	18.78(6.91)	2.35(1.23)
72 Hour	2.99(-0.46)	24.27(8.29)	2.55(1.11)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 20-02-21
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	2.05(-0.66)	14.64(6.96)	2.10(0.96)
48 Hour	2.55(-0.40)	24.35(7.19)	2.51(0.94)
72 Hour	2.86(-0.48)	25.31(8.14)	2.79(0.81)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 21-02-21
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	2.09(-0.58)	17.71(8.35)	2.39(1.31)
48 Hour	2.22(-0.24)	21.52(8.12)	2.51(1.03)
72 Hour	2.52(-0.19)	22.50(7.87)	3.31(0.95)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 22-02-21
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	2.04(-0.89)	15.26(7.29)	2.22(1.07)
48 Hour	2.31(-0.36)	19.23(8.13)	2.95(1.11)
72 Hour	2.28(-0.08)	20.71(8.05)	3.12(1.25)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 23-02-21
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	2.00(-0.85)	17.75(9.64)	2.56(1.21)
48 Hour	2.15(-0.52)	20.52(8.81)	2.65(1.26)
72 Hour	2.54(-0.10)	22.37(7.92)	3.46(1.43)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 24-02-21
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	2.17(-0.98)	17.22(8.14)	2.46(1.30)
48 Hour	2.49(-0.33)	19.91(9.40)	3.46(1.44)
72 Hour	2.55(-0.13)	21.03(7.79)	3.43(1.56)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 25-02-21
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	2.06(-0.79)	17.91(9.03)	2.94(1.55)
48 Hour	2.24(-0.41)	19.21(7.86)	3.59(1.69)
72 Hour	3.00(0.06)	21.77(8.49)	4.37(1.72)

**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 26-02-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

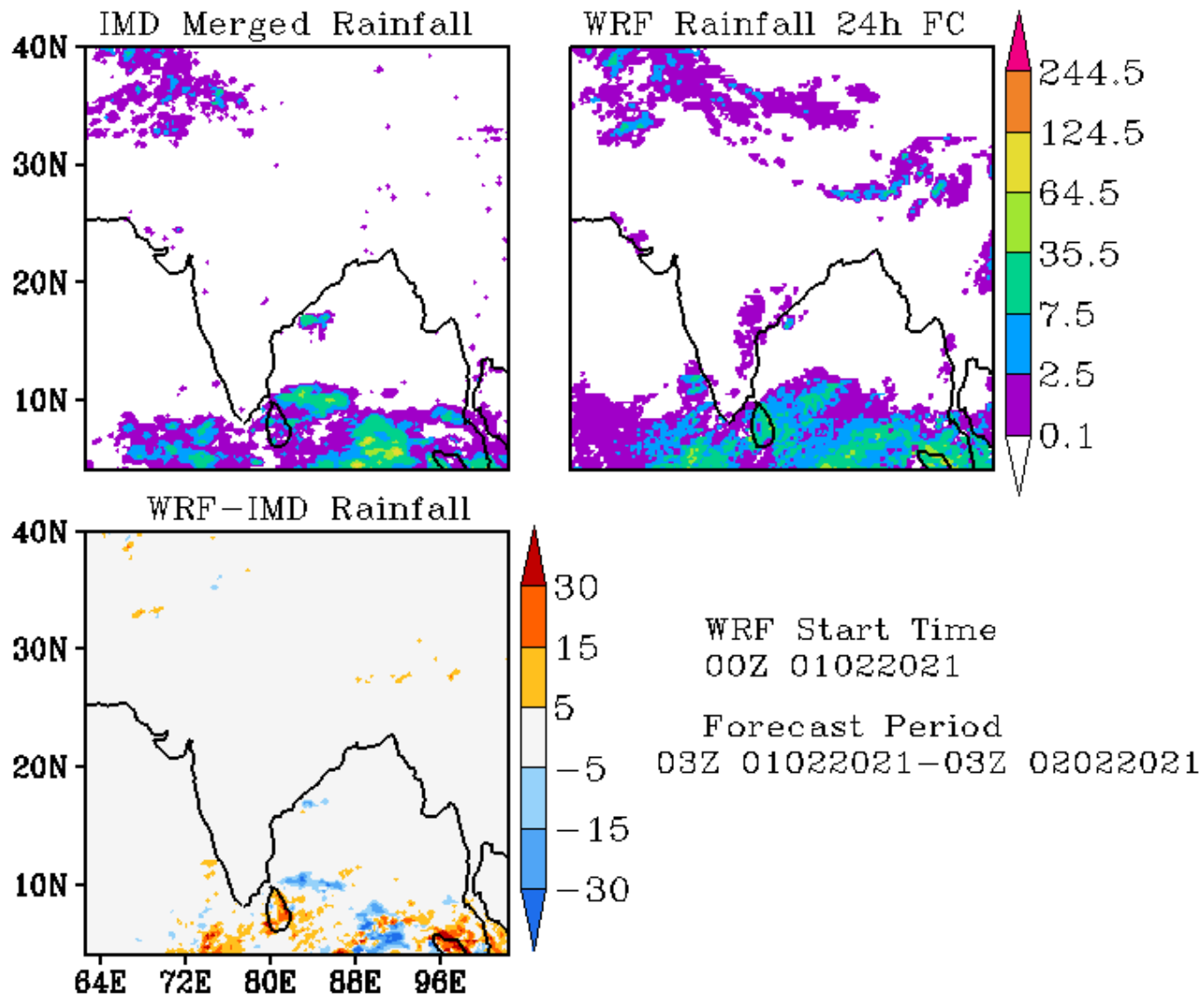
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.01(-0.86)	16.94(8.16)	2.99(1.55)
48 Hour	3.04(-0.38)	22.01(8.01)	4.12(1.71)
72 Hour	4.10(-0.28)	25.11(8.44)	3.21(1.53)

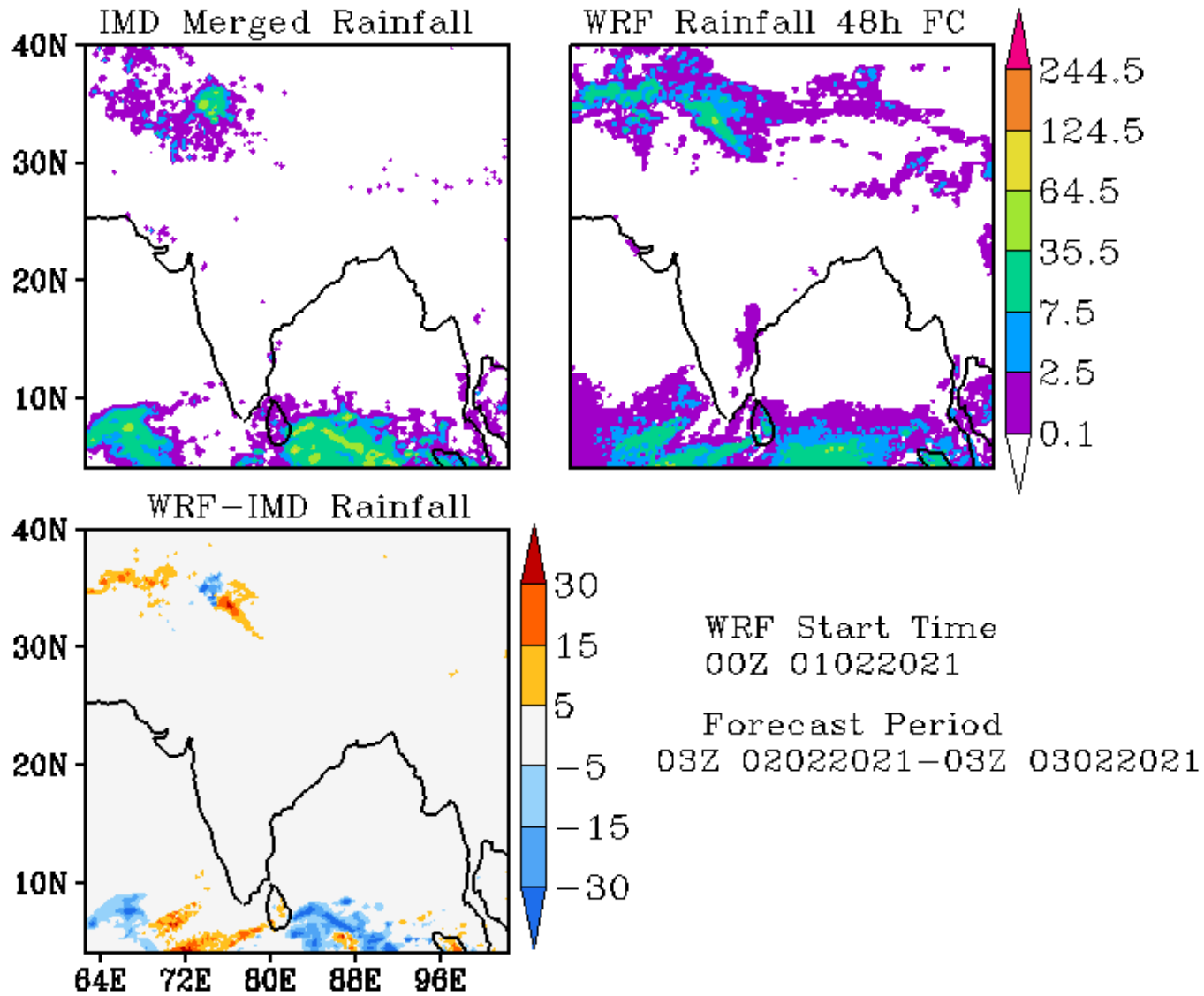
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 27-02-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

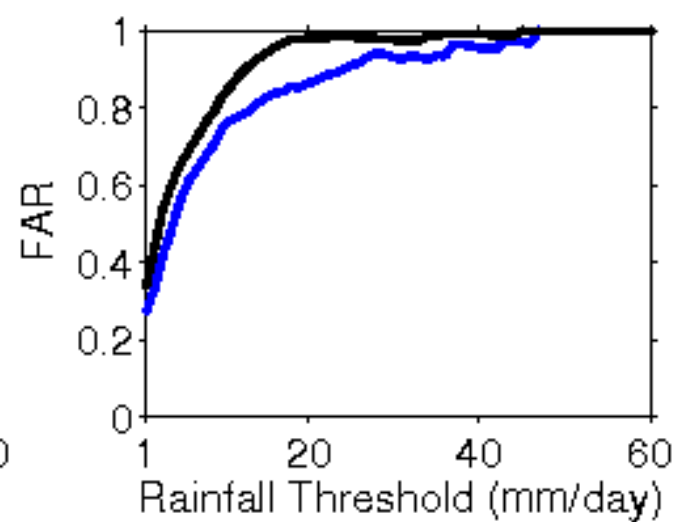
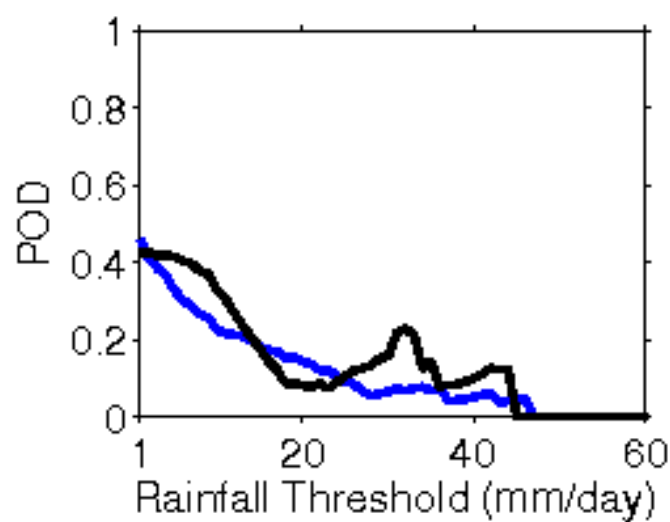
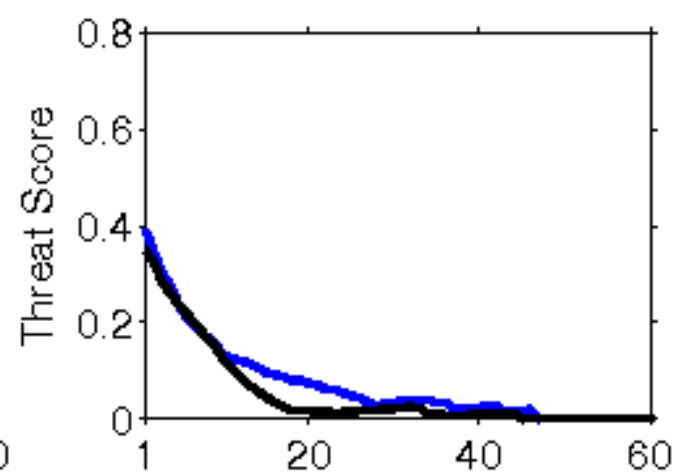
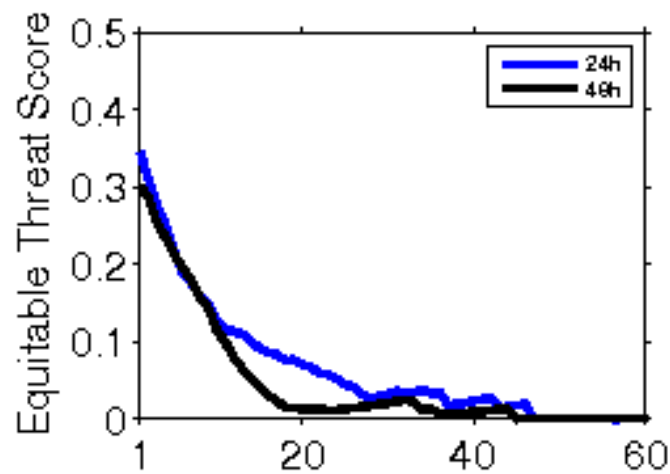
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.34(-1.00)	16.28(6.01)	3.33(1.58)
48 Hour	3.43(-0.67)	21.62(6.25)	2.77(1.82)
72 Hour	3.98(-0.13)	24.69(7.45)	2.85(1.81)

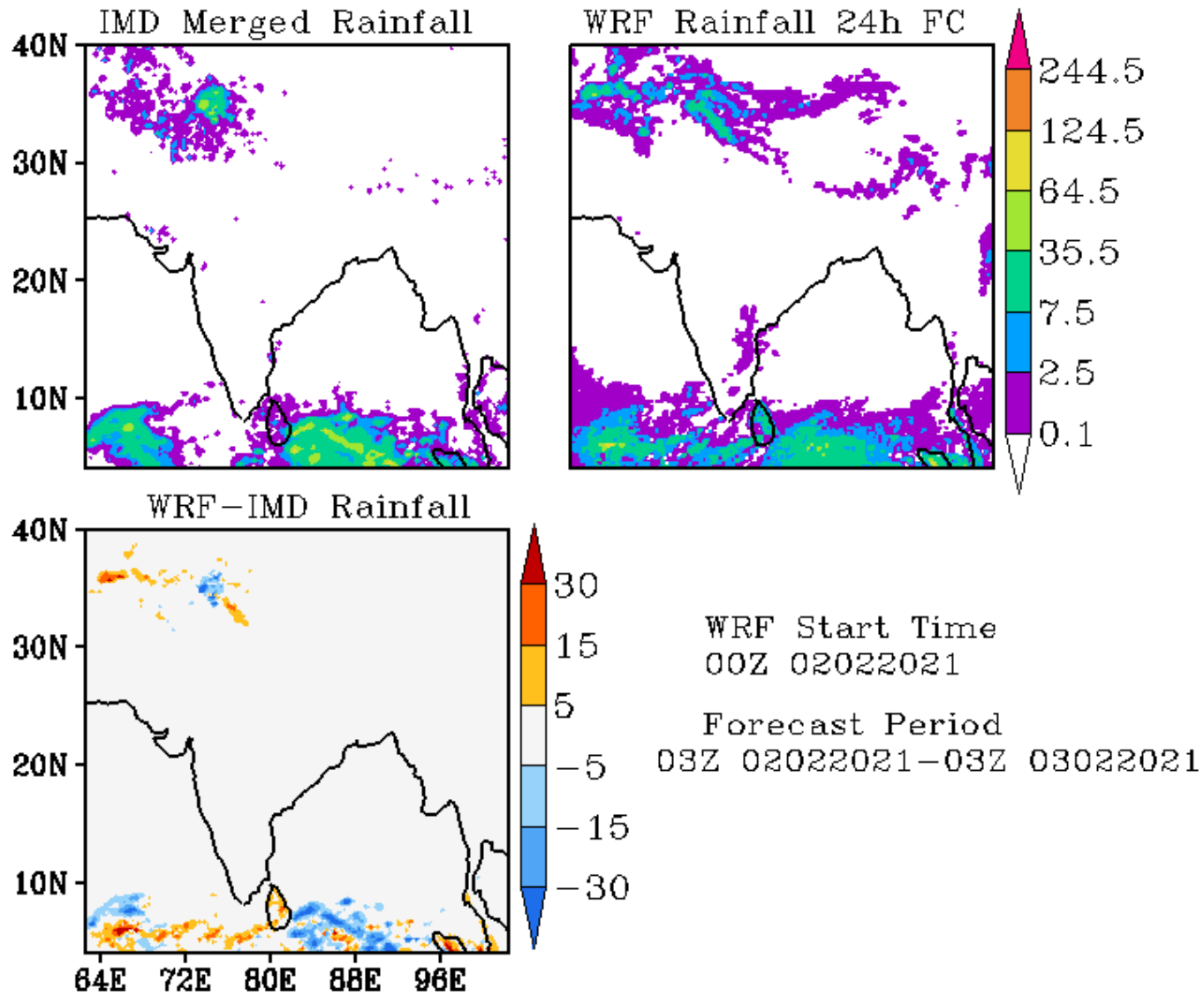
**Error Statistics in Surface Meteorological Parameter
Validation Time 0000 UTC 28-02-21
Domain [lon 67.8E-98E,lat 7N-38N] Resolution 5 Km**

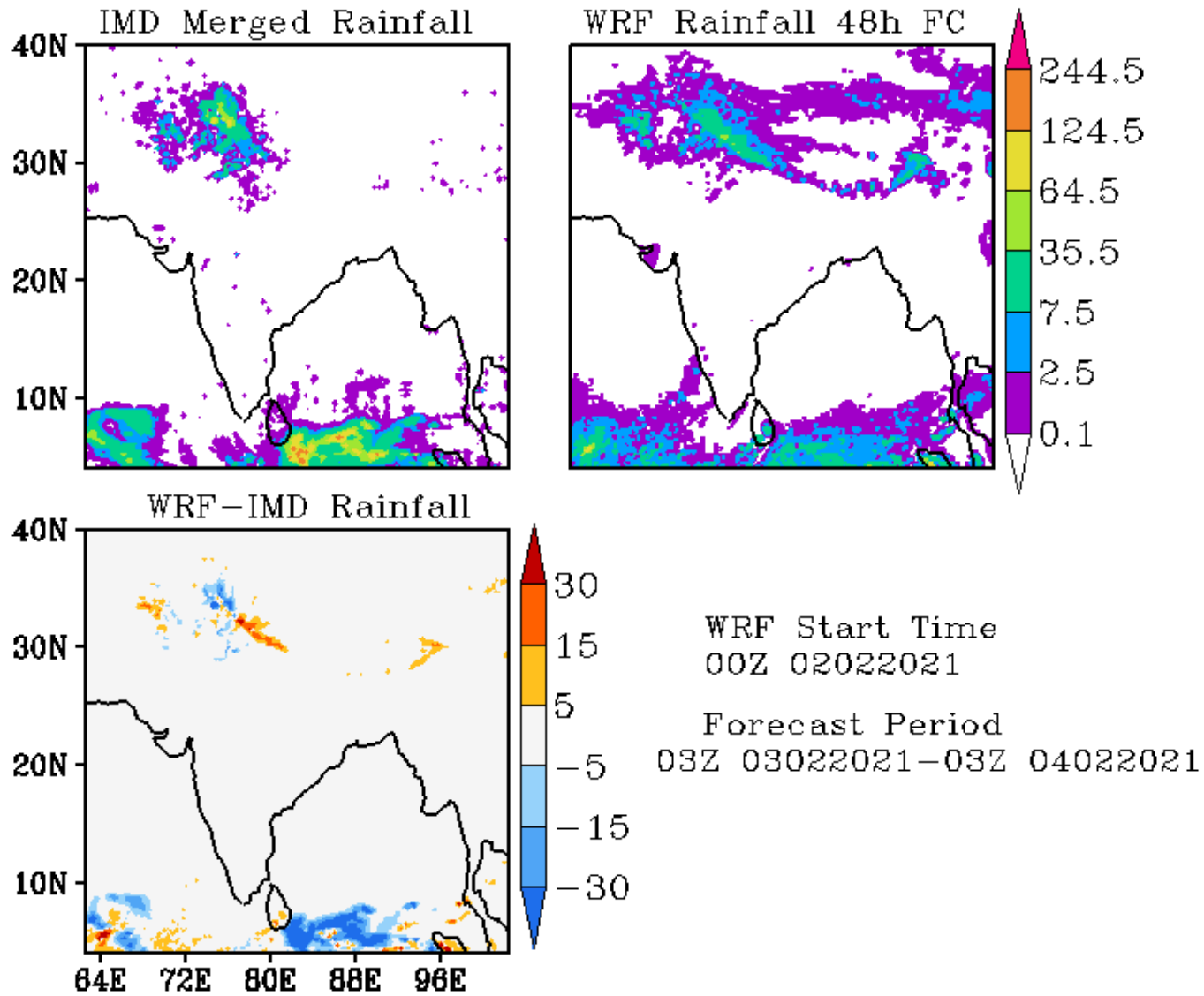
Forecast Hour	Temperature (C)	Relative Humidity (%)	Wind Speed (m/s)
	Rmsd (Bias)	Rmsd (Bias)	Rmsd (Bias)
24 Hour	2.60(-1.28)	17.60(4.36)	2.65(1.49)
48 Hour	3.17(-1.10)	21.90(4.75)	2.54(1.46)
72 Hour	3.34(-0.89)	23.68(3.90)	2.63(1.47)

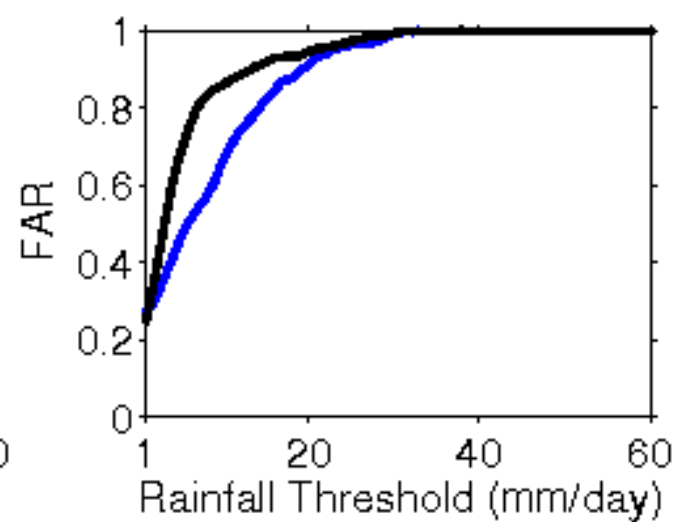
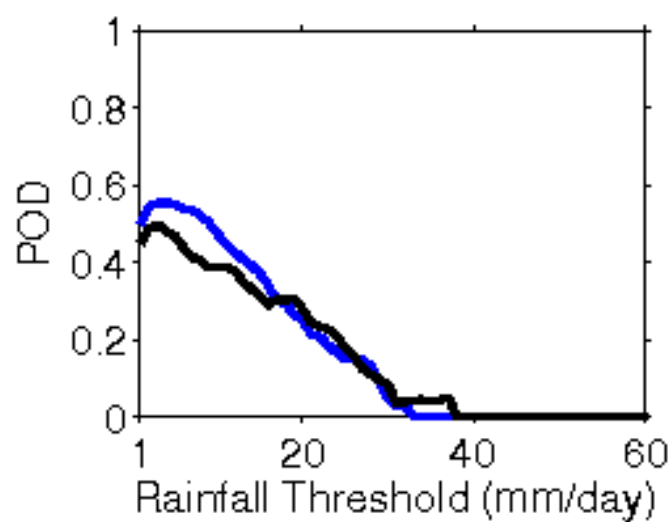
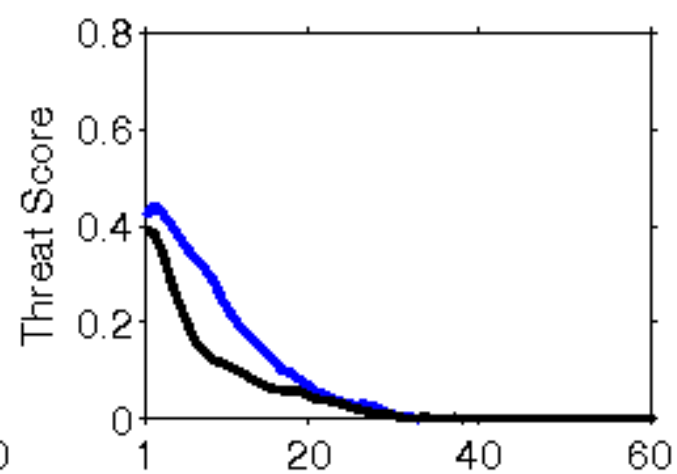
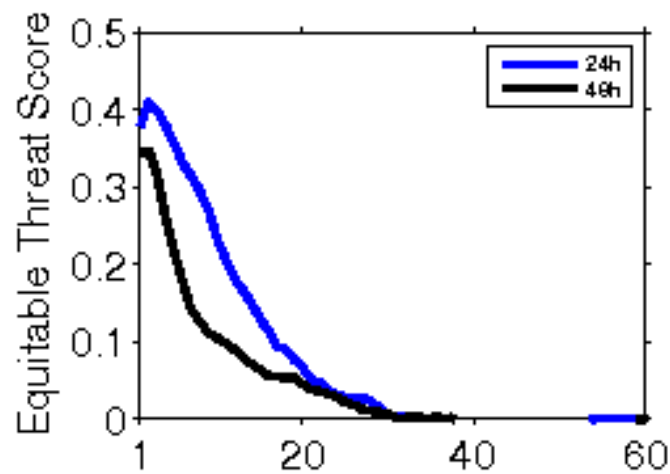


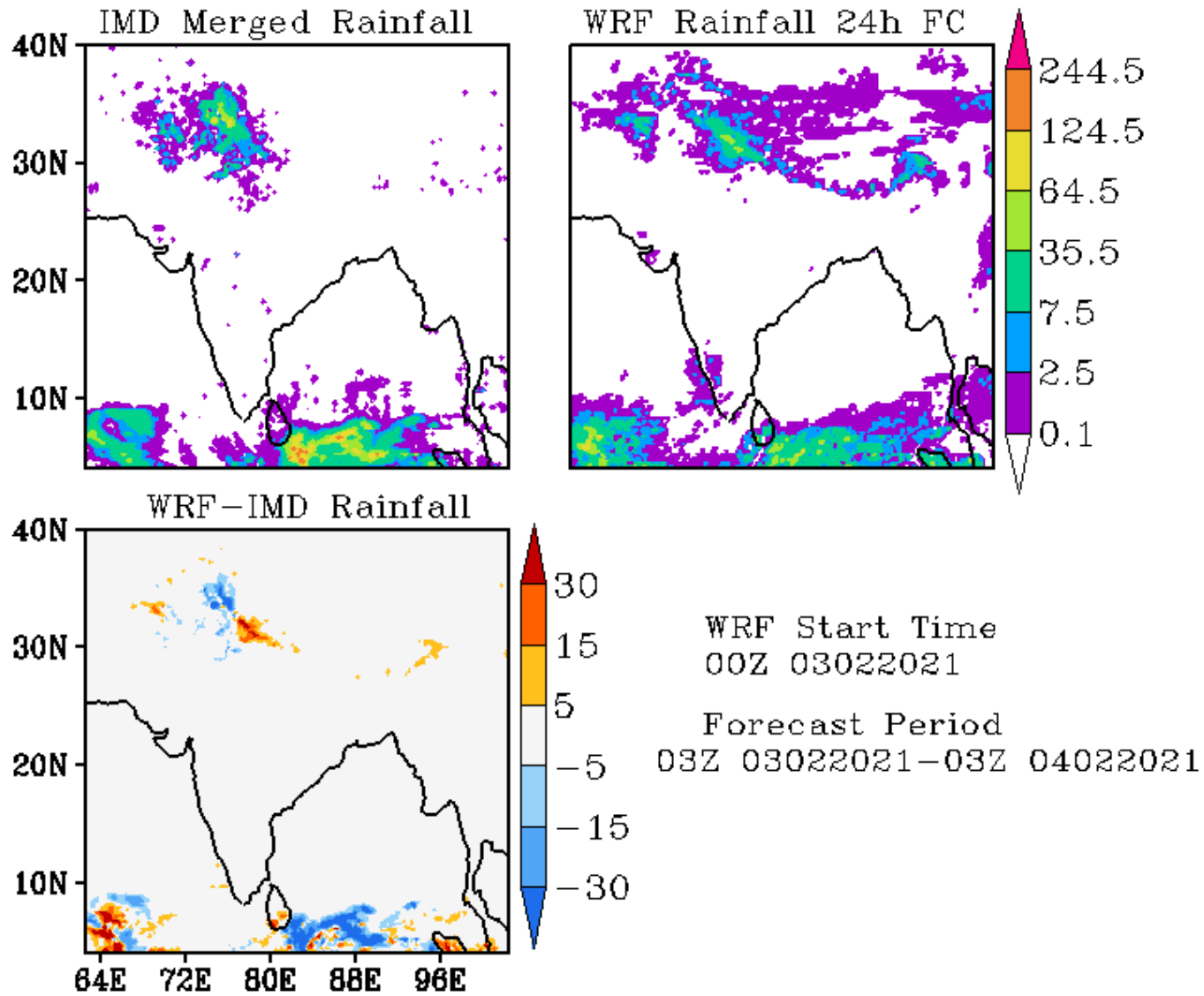


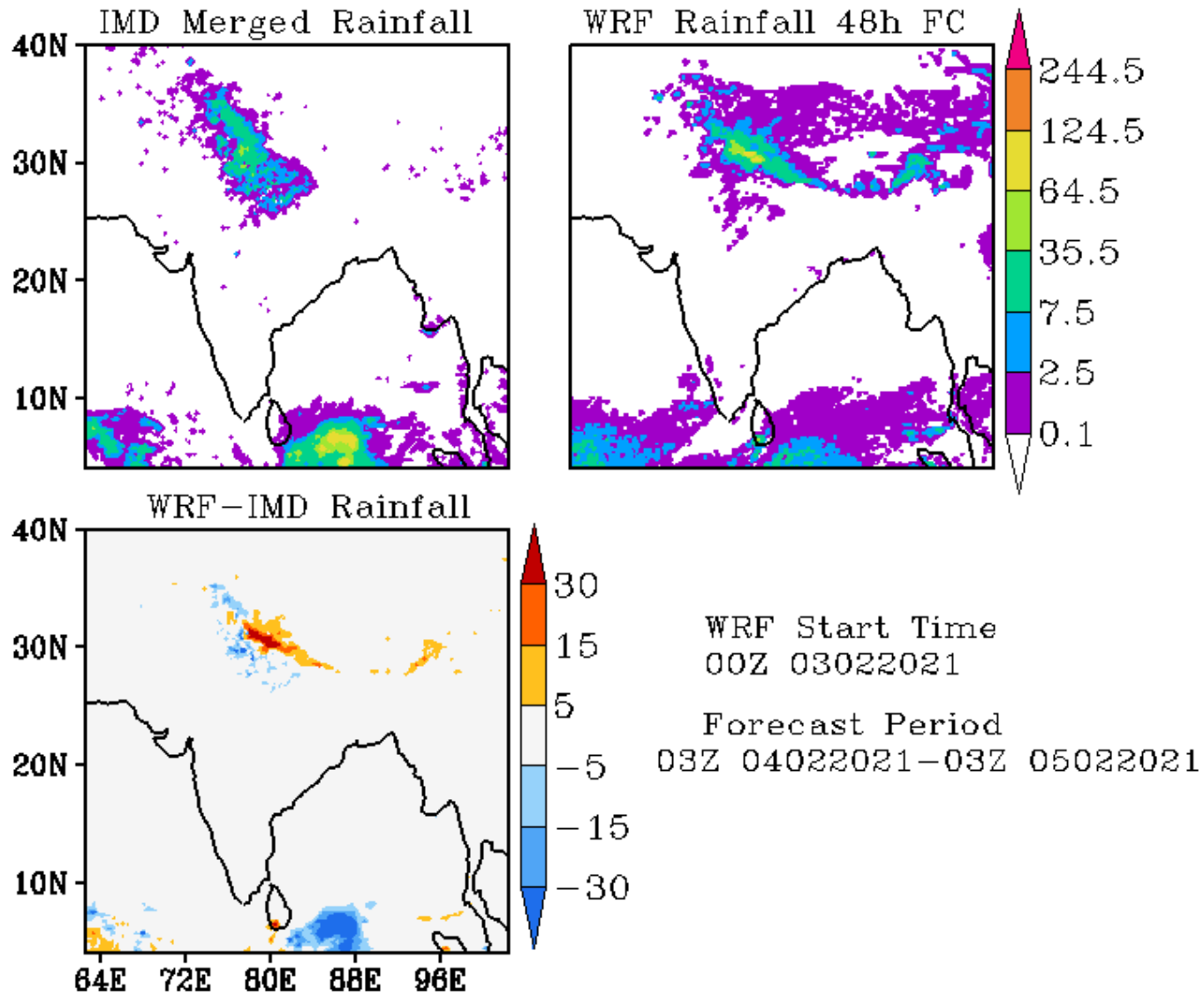


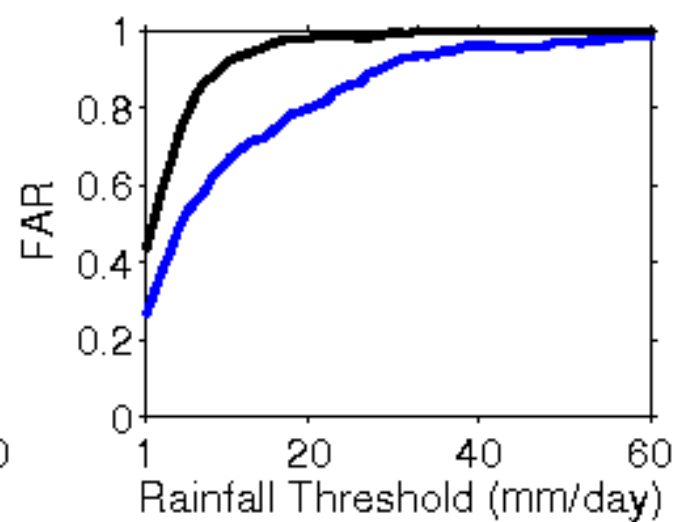
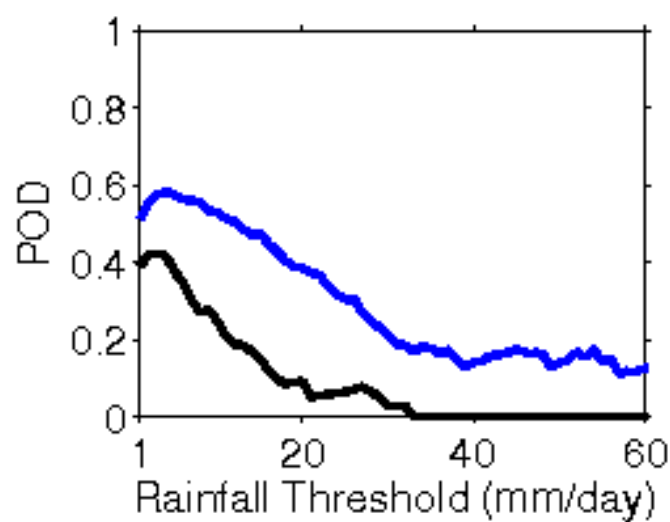
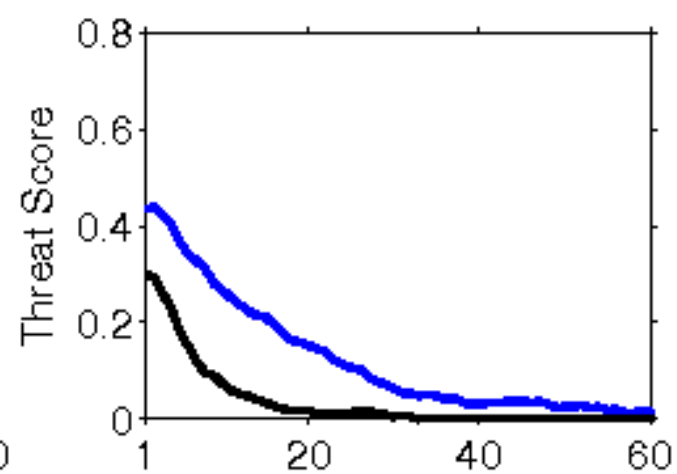
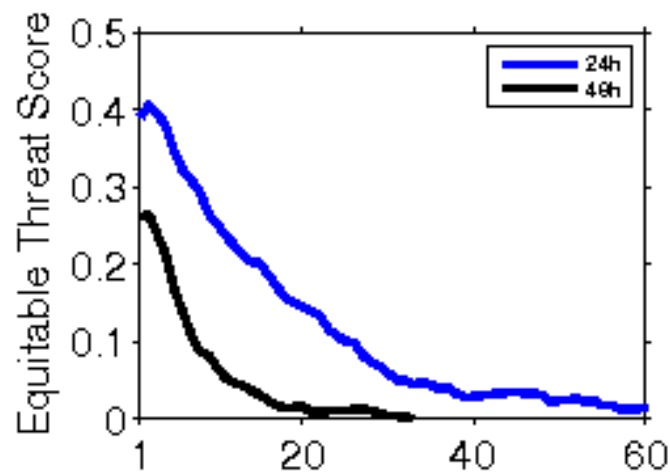


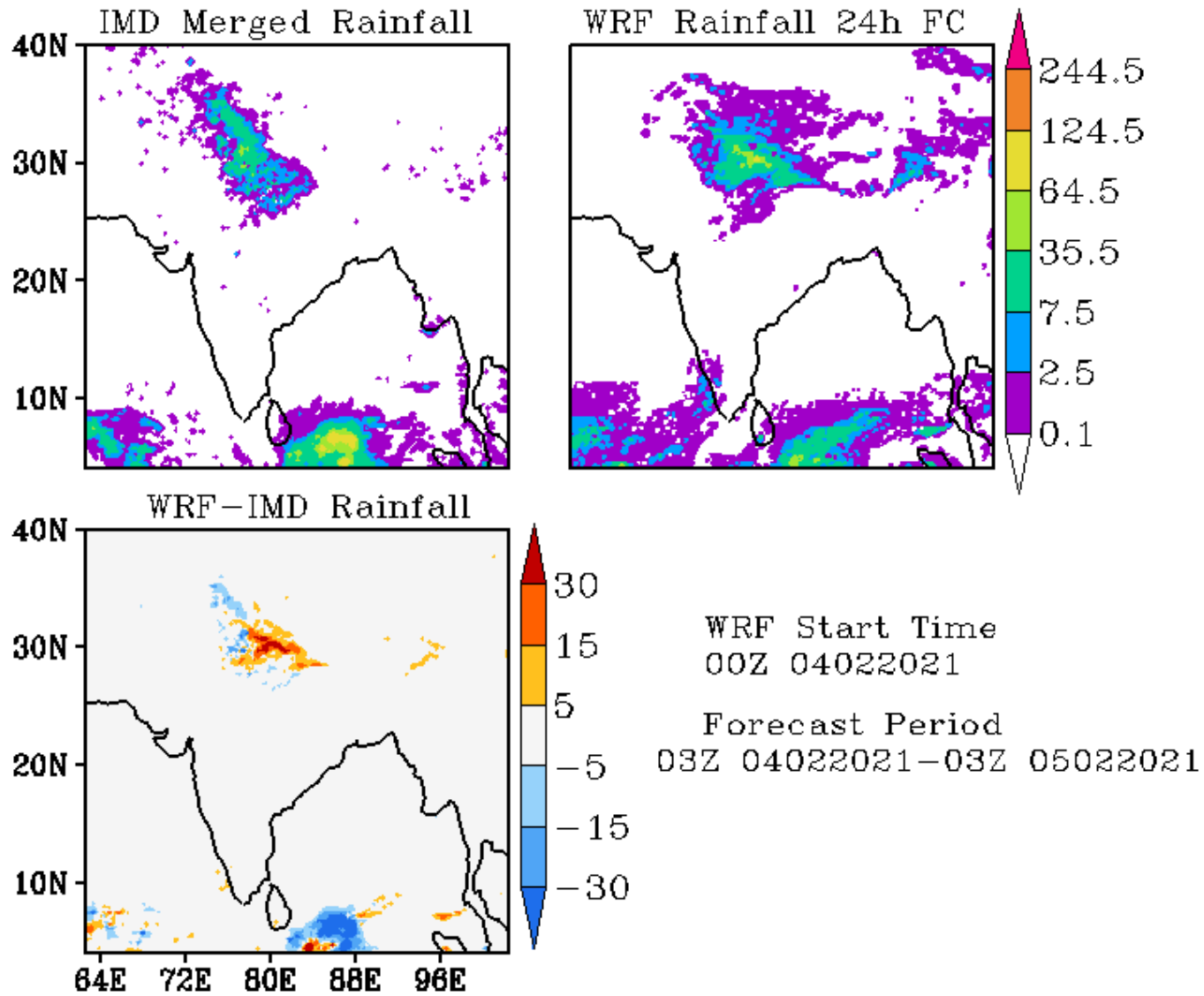


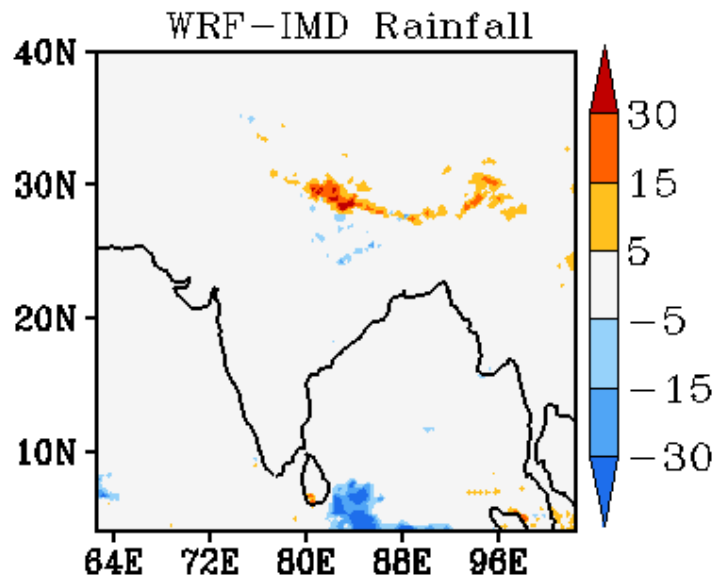
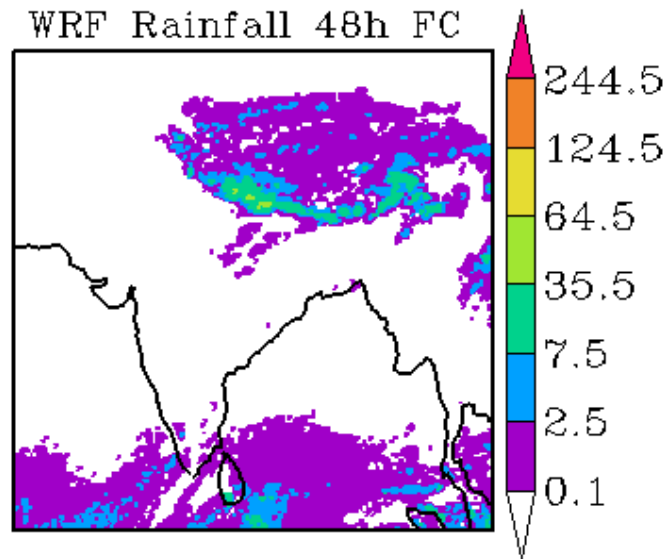
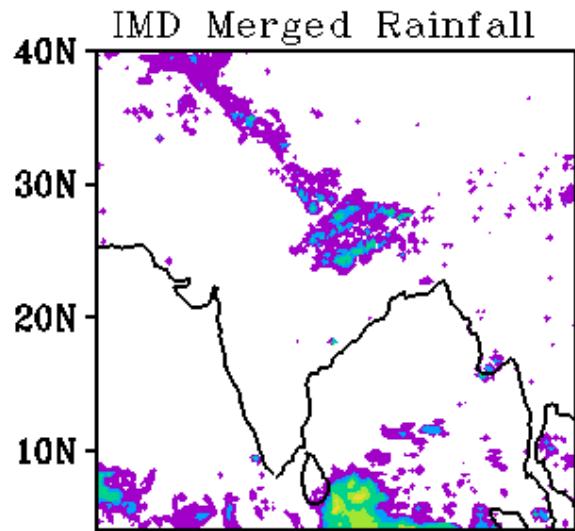






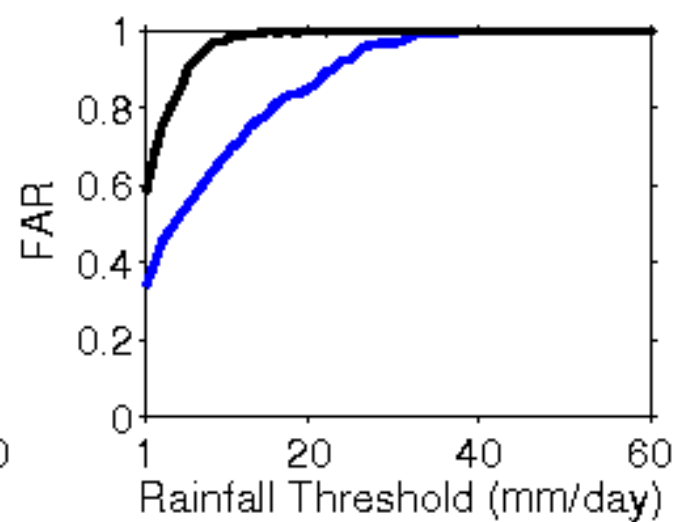
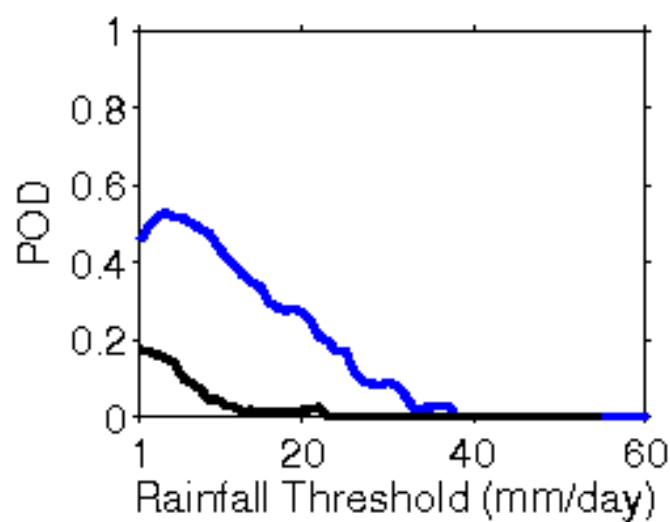
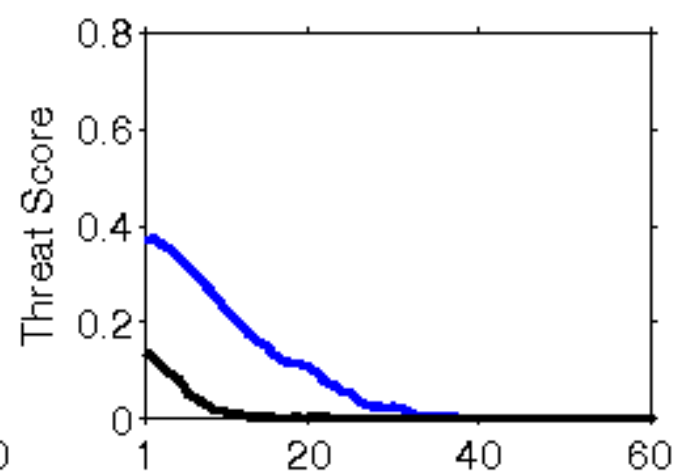
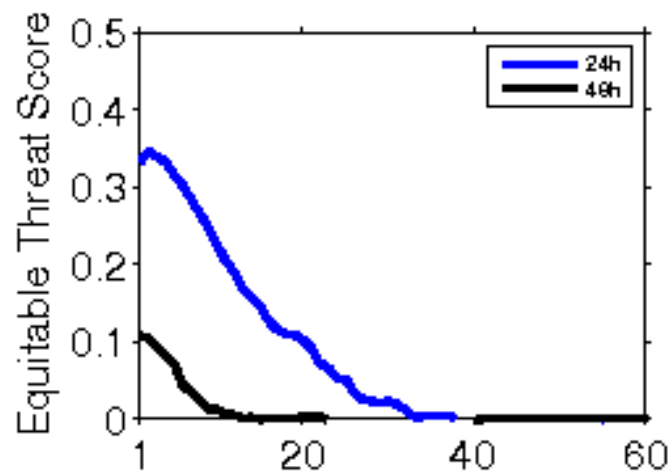


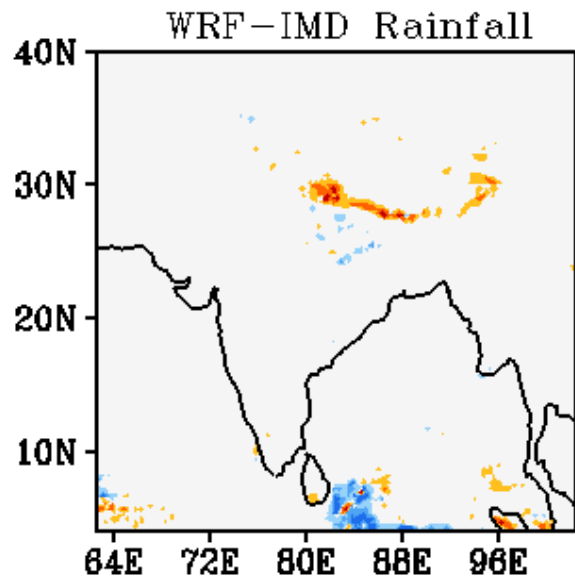
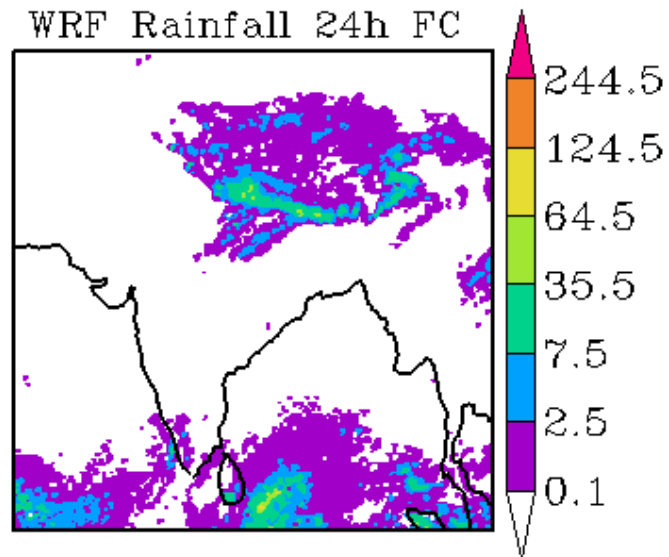
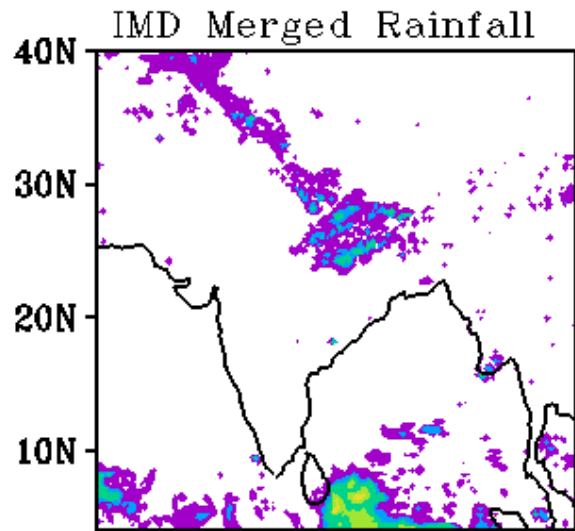




WRF Start Time
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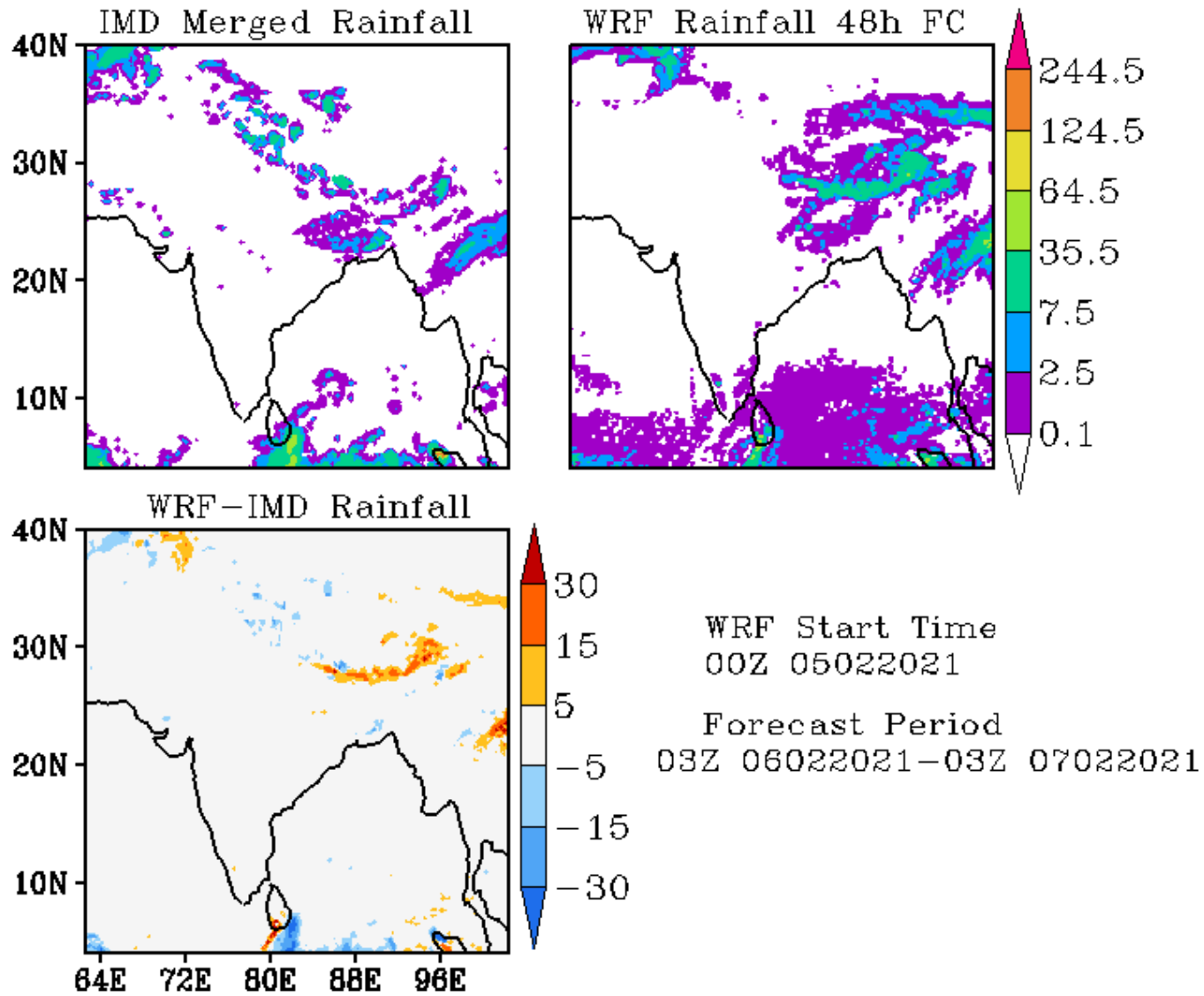
Forecast Period
03Z 05022021-03Z 06022021

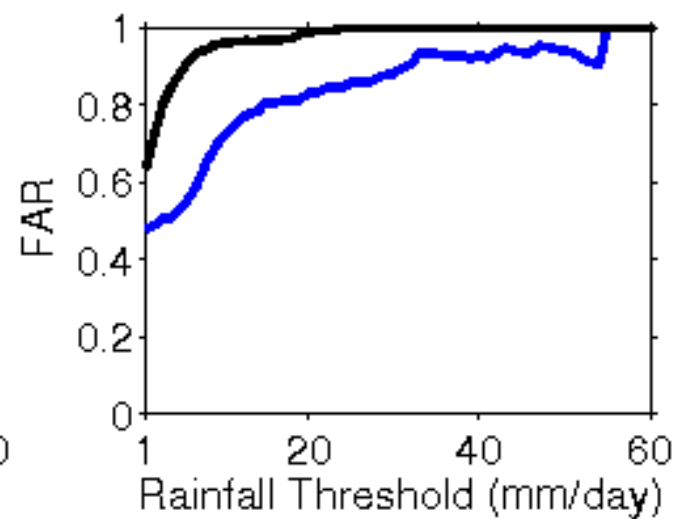
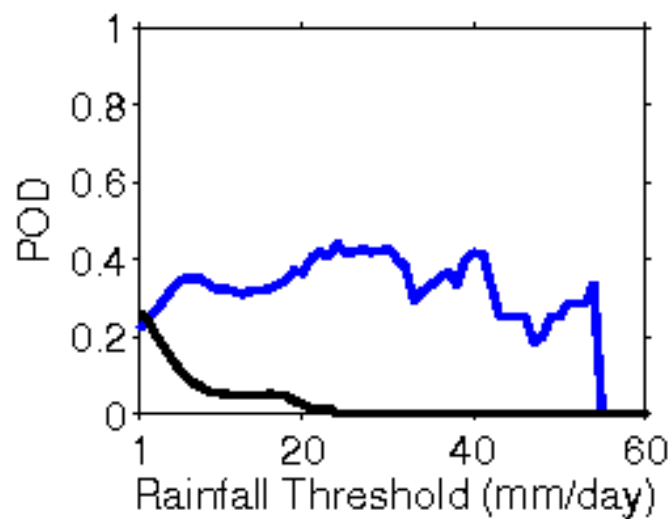
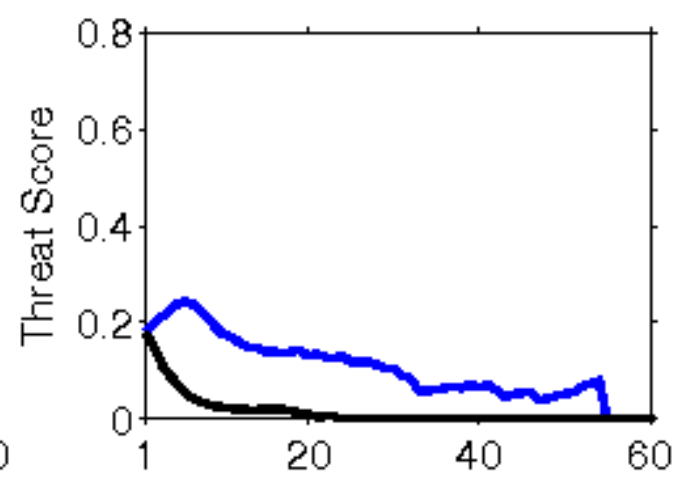
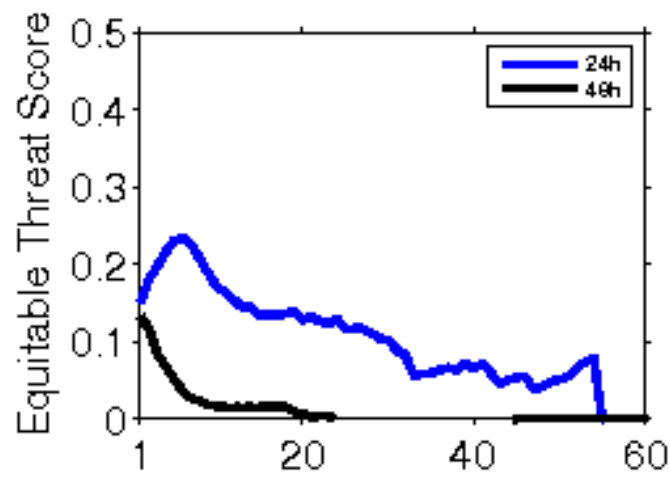


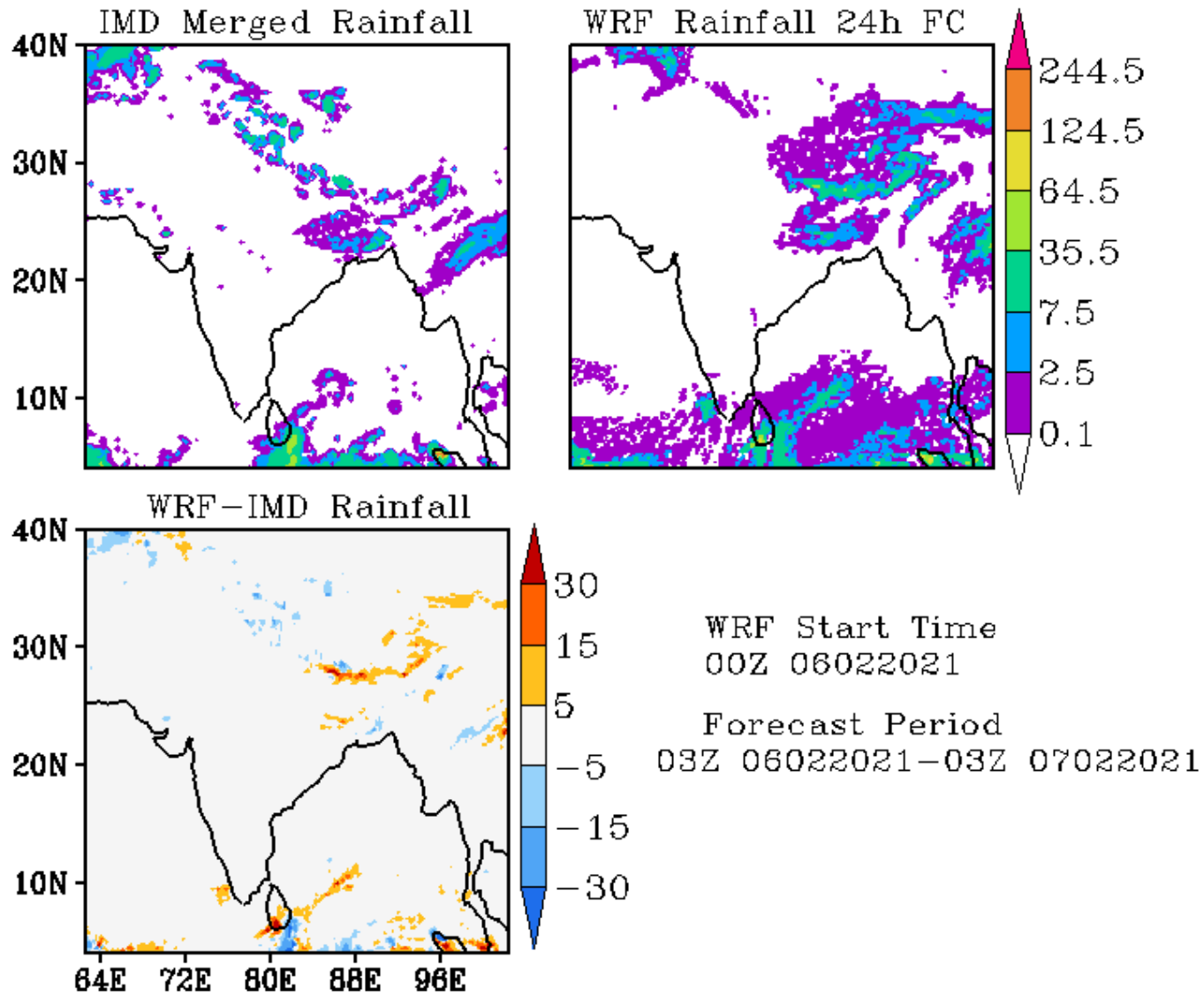


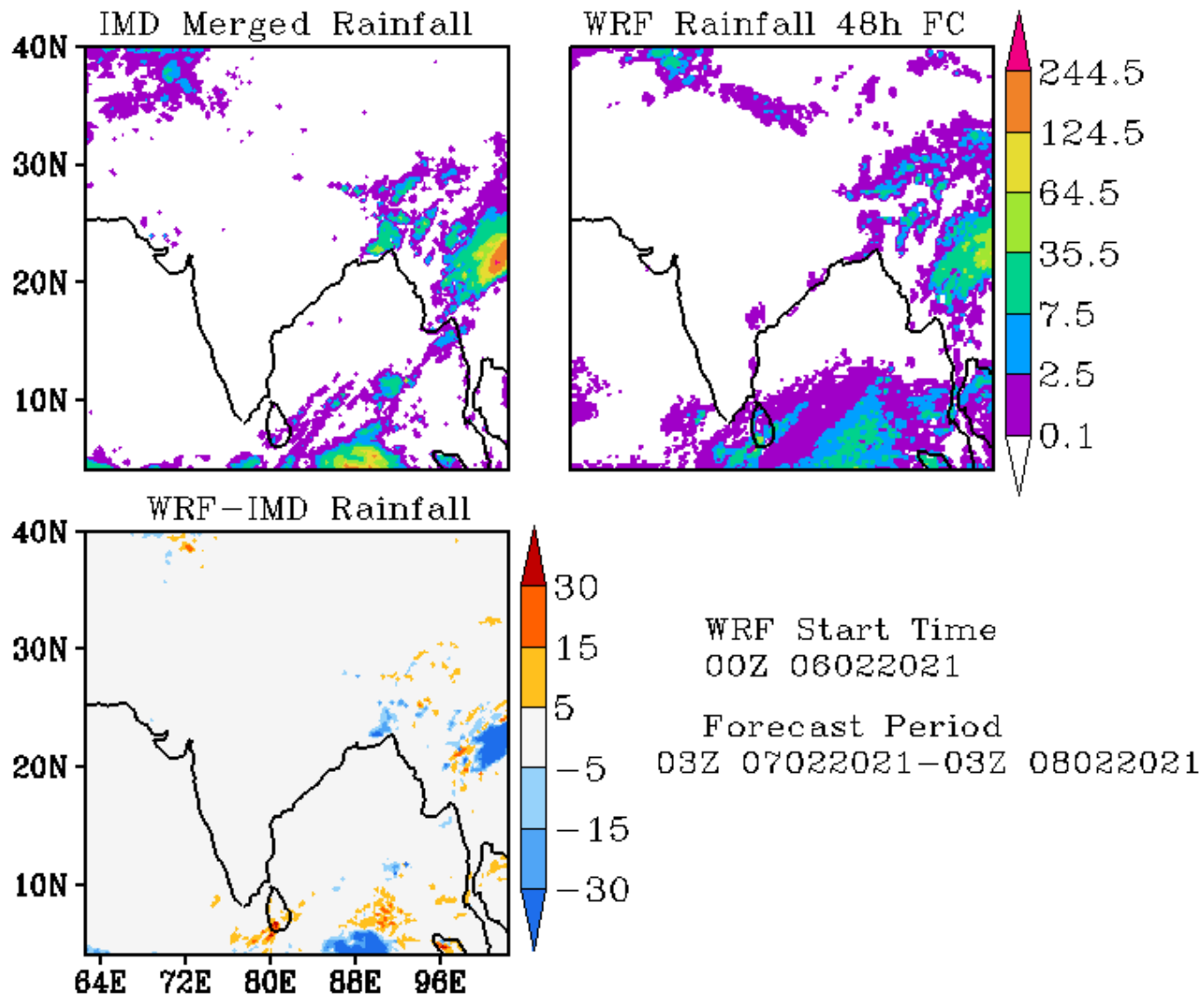
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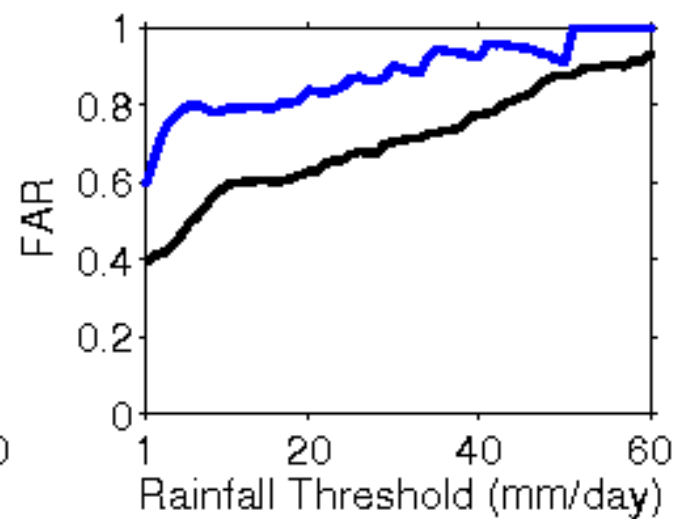
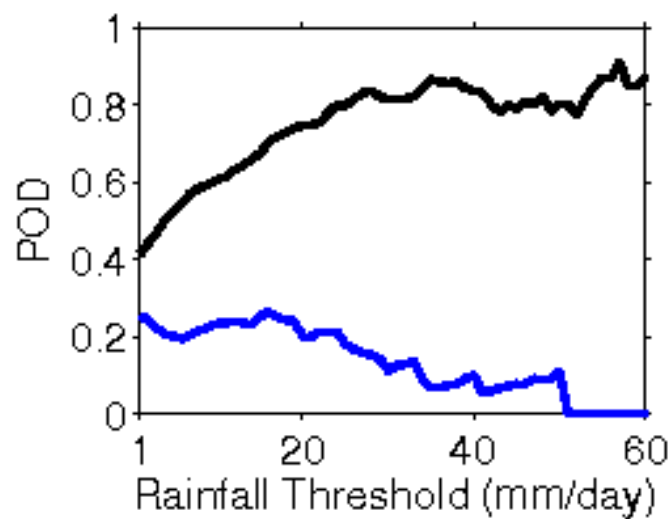
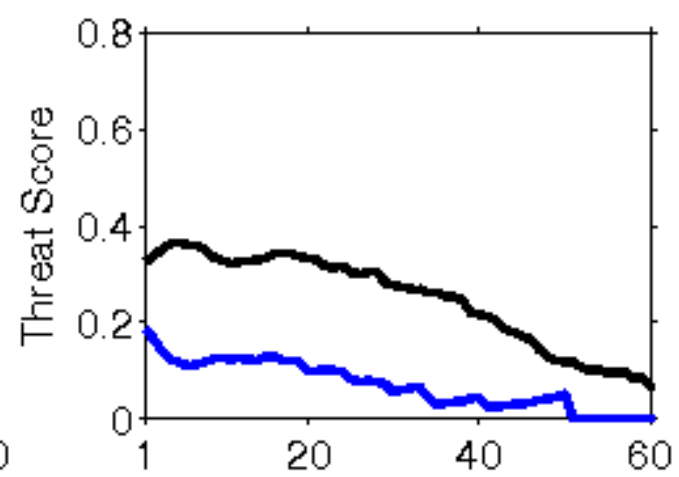
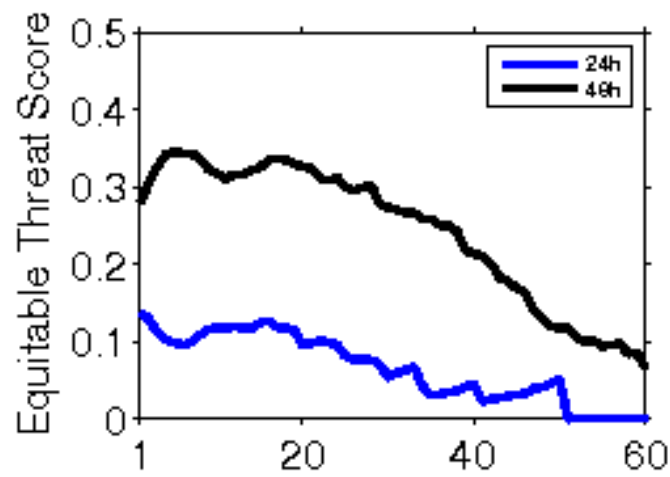
Forecast Period
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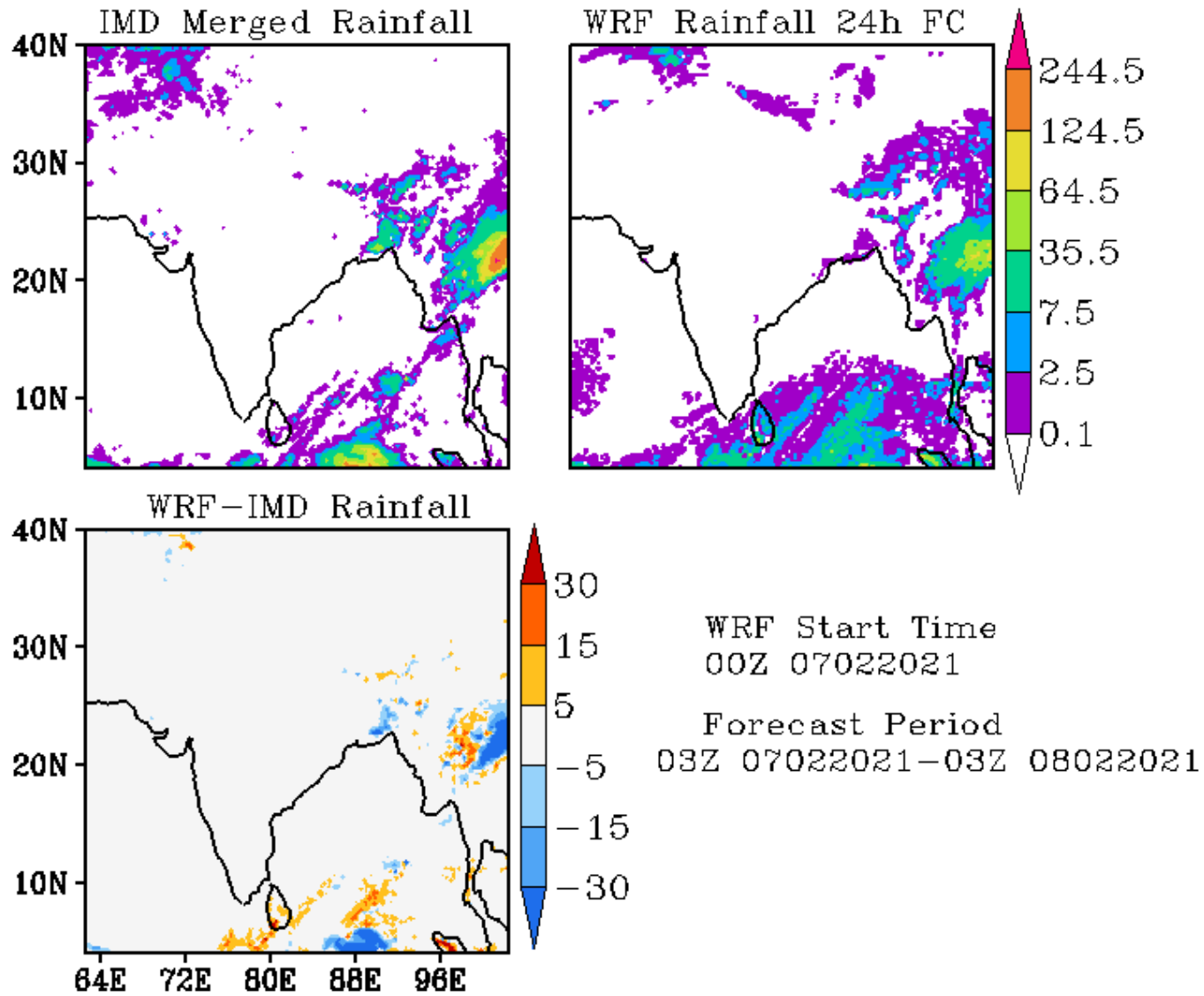


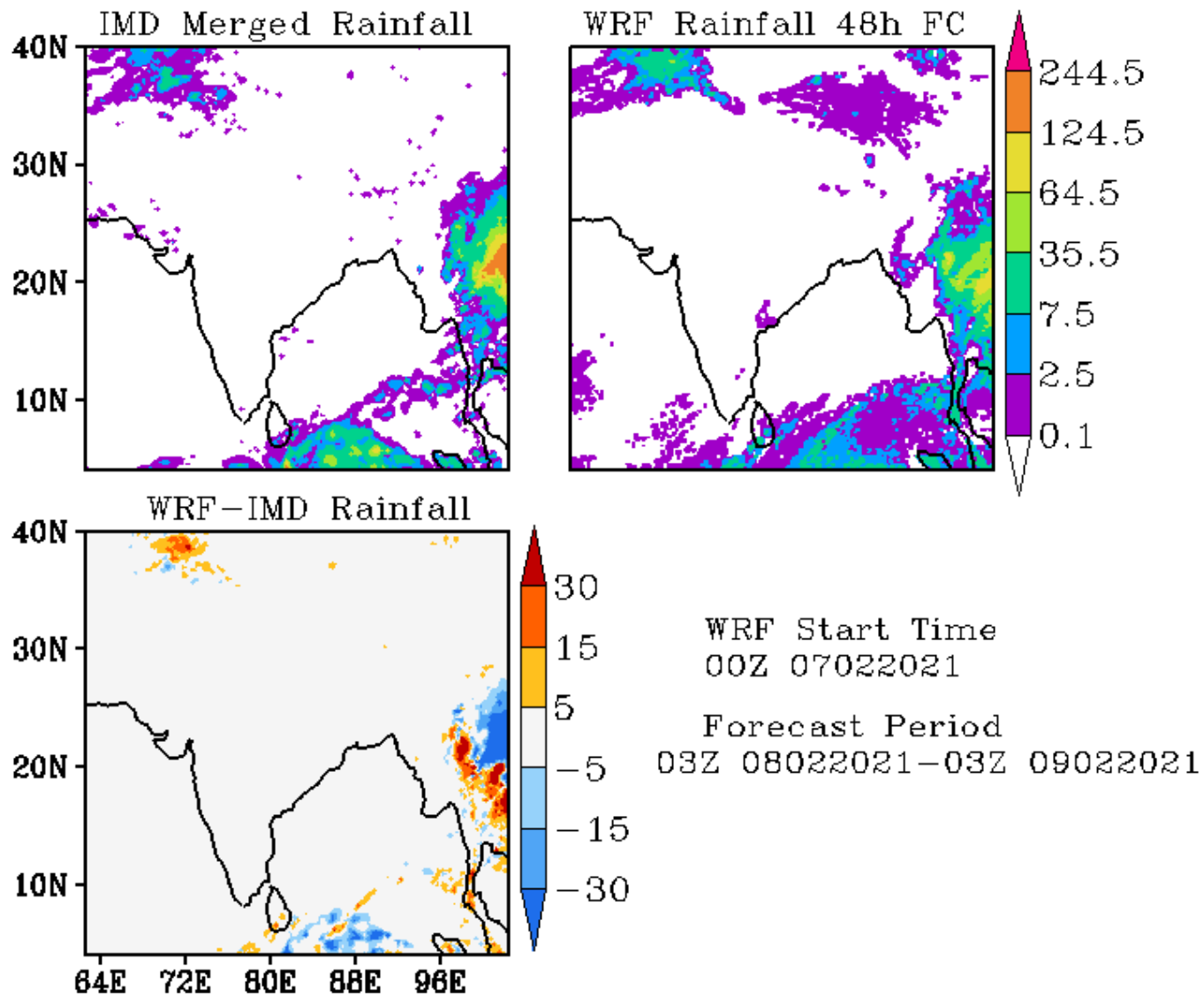


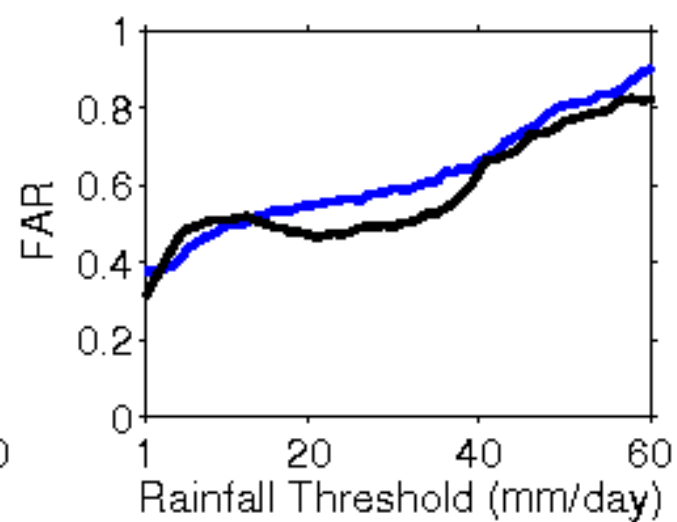
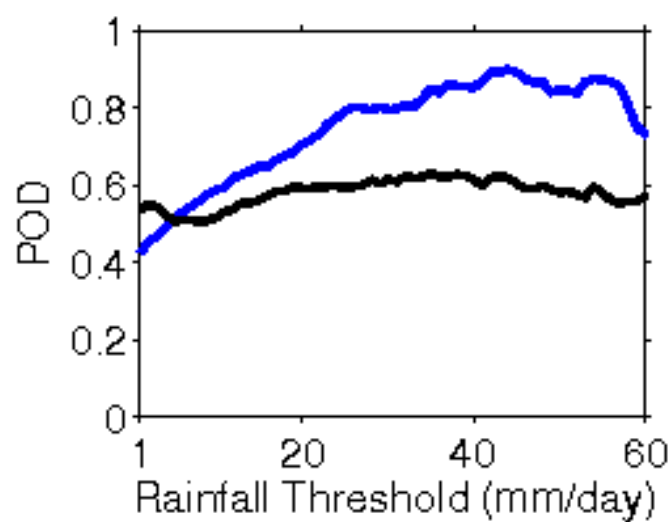
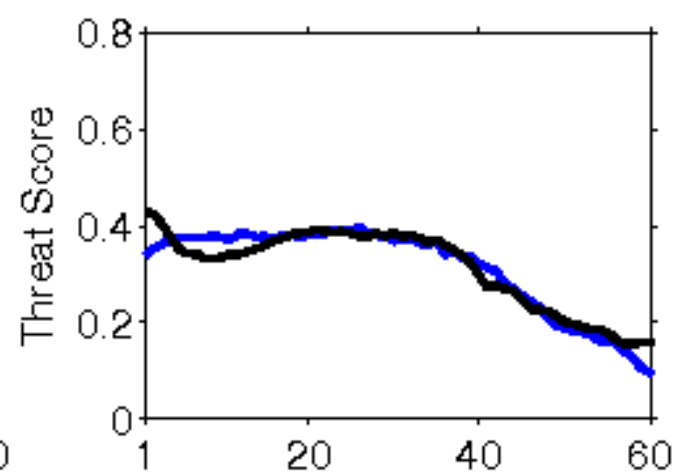
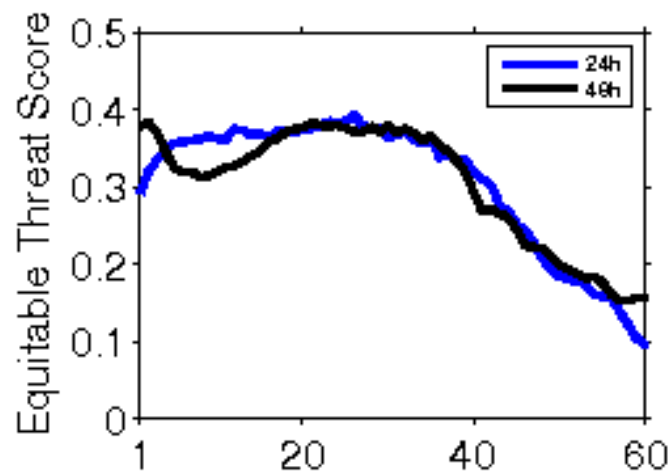


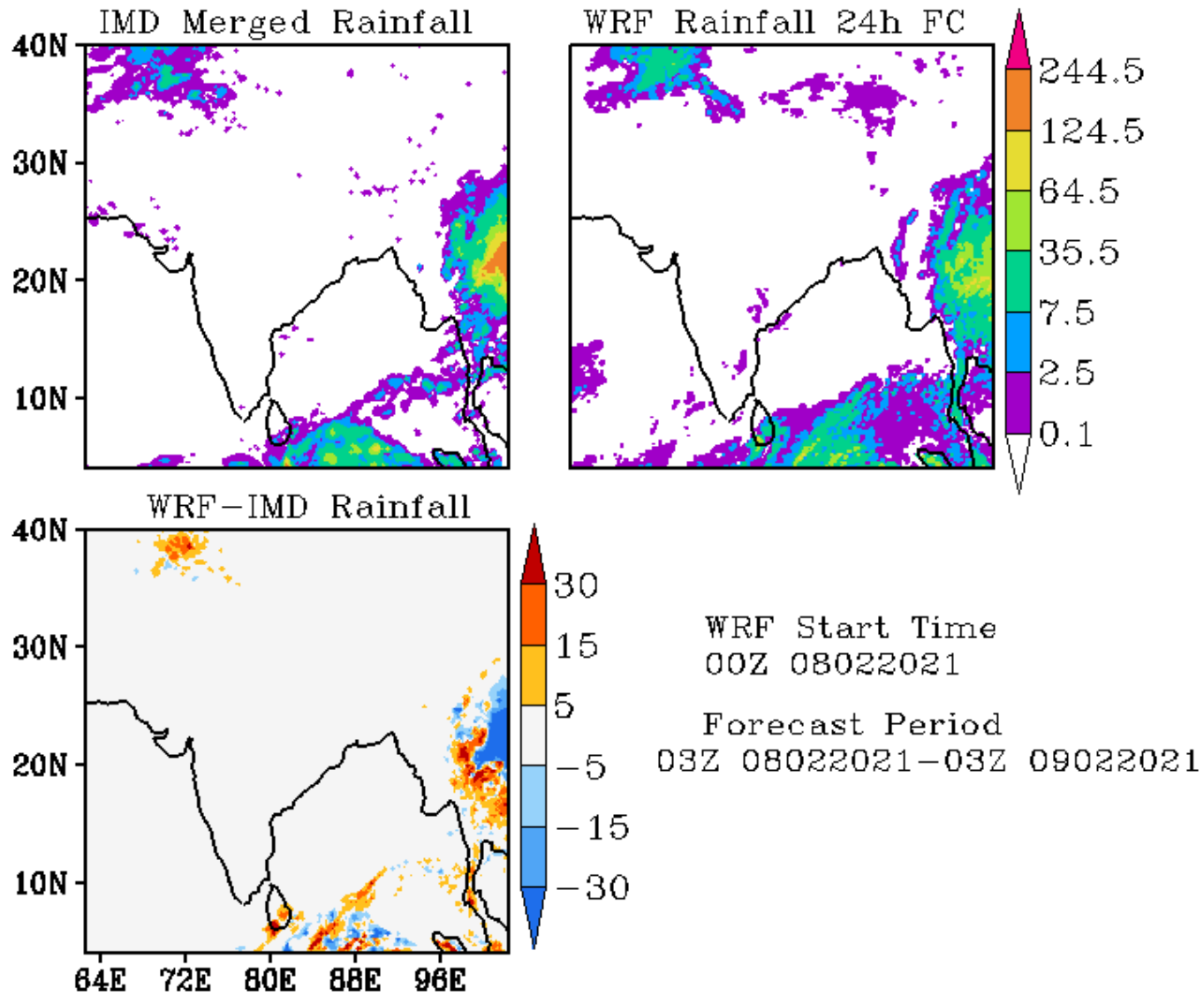


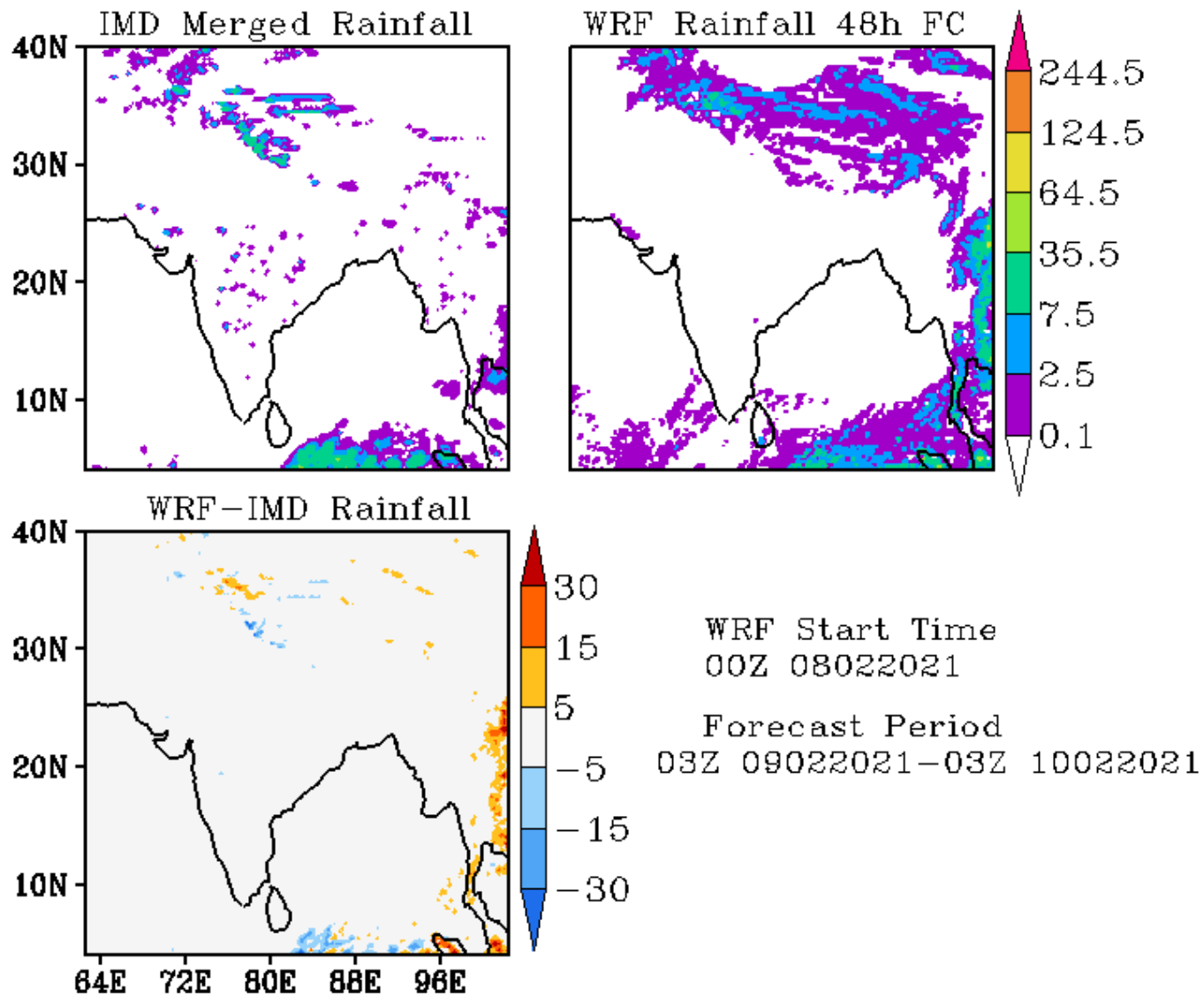


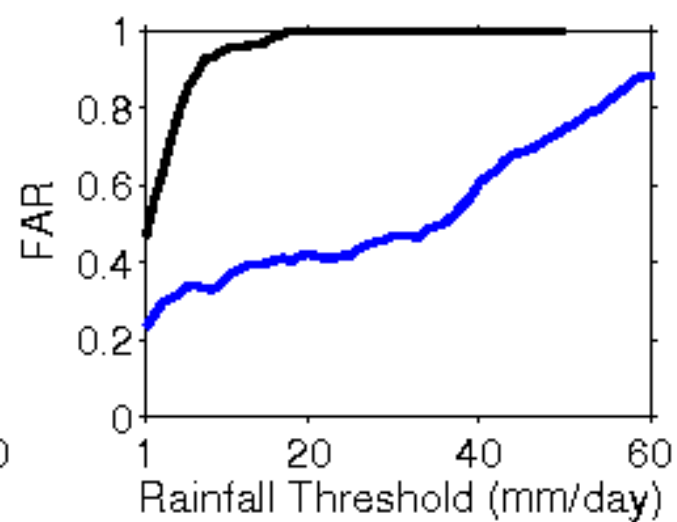
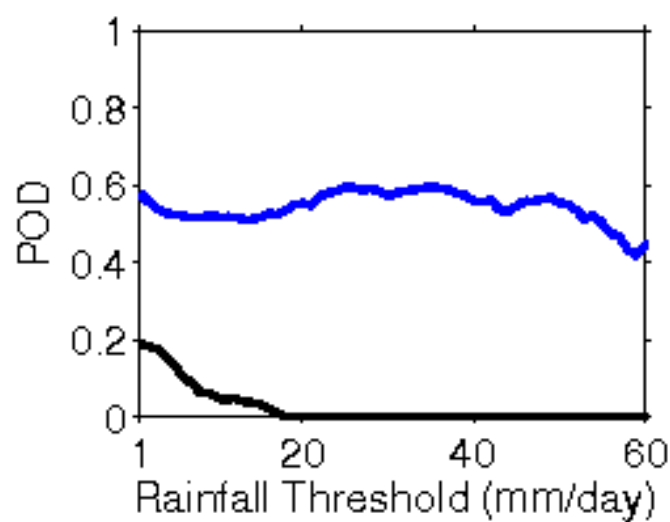
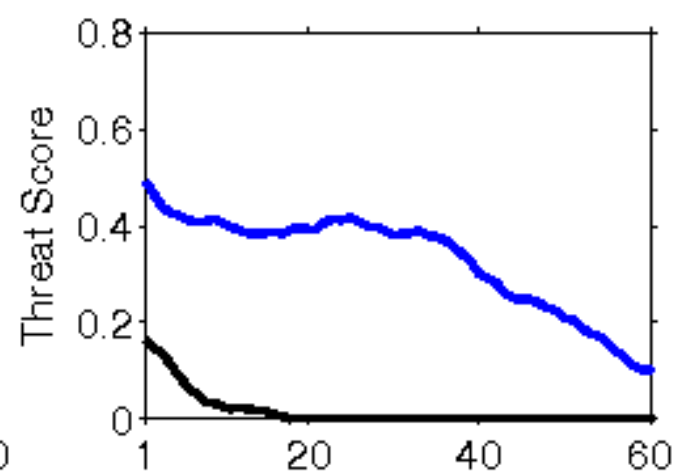
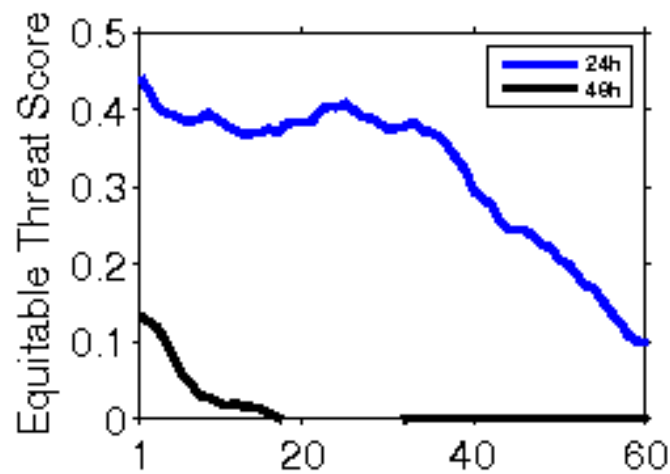


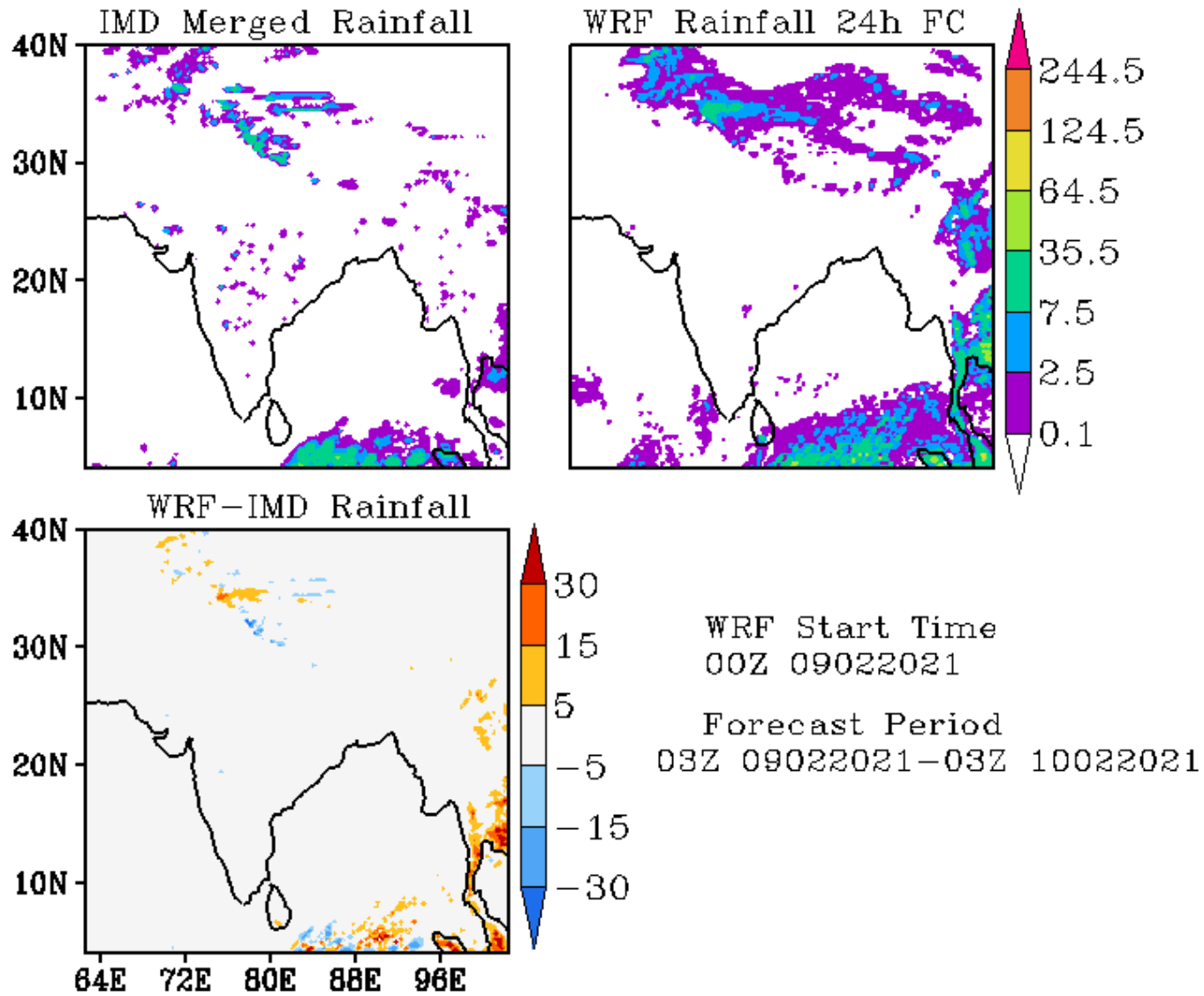


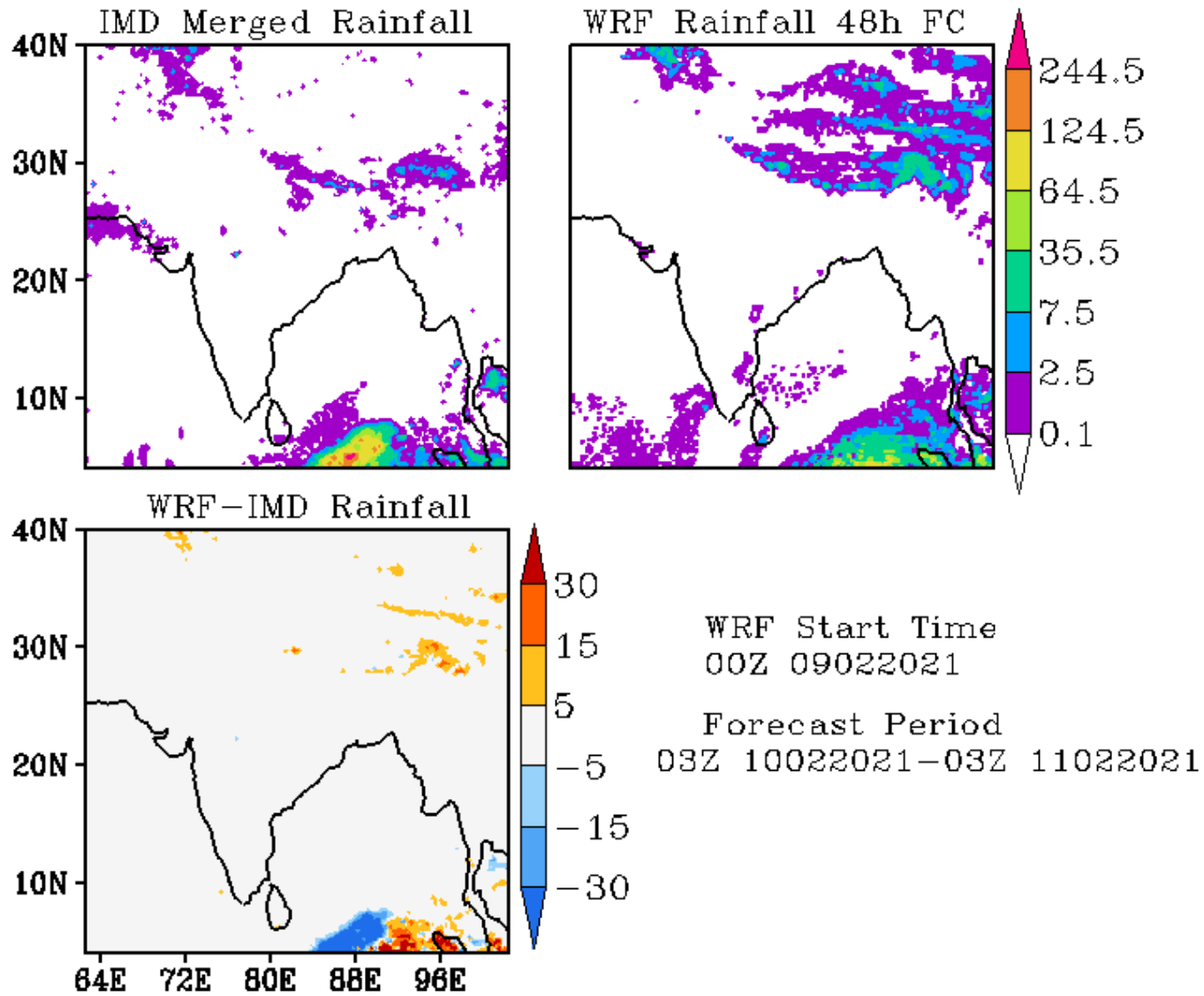


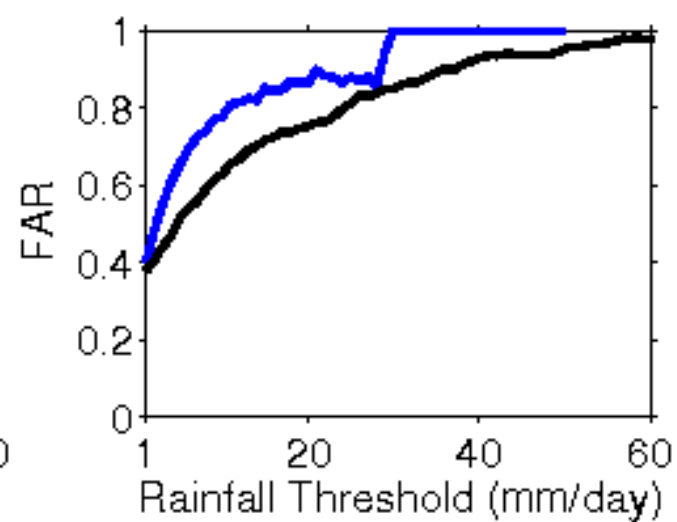
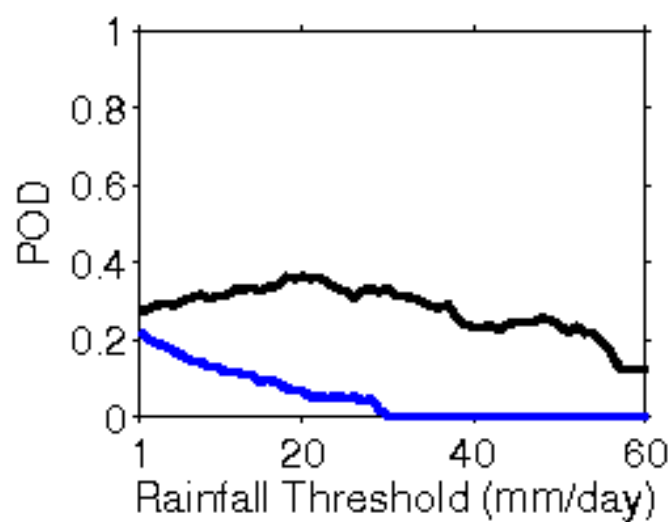
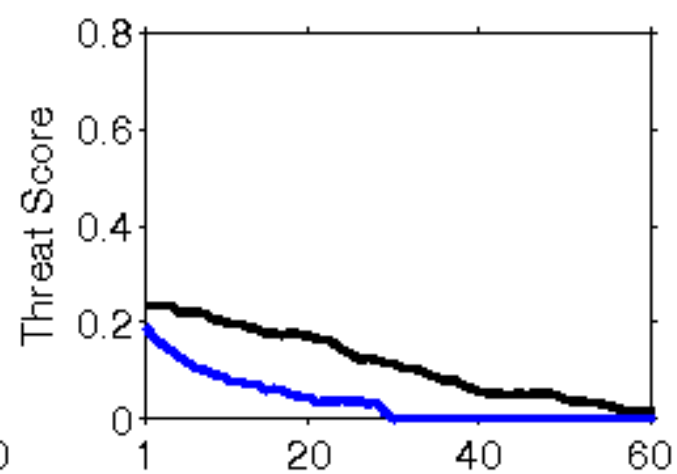
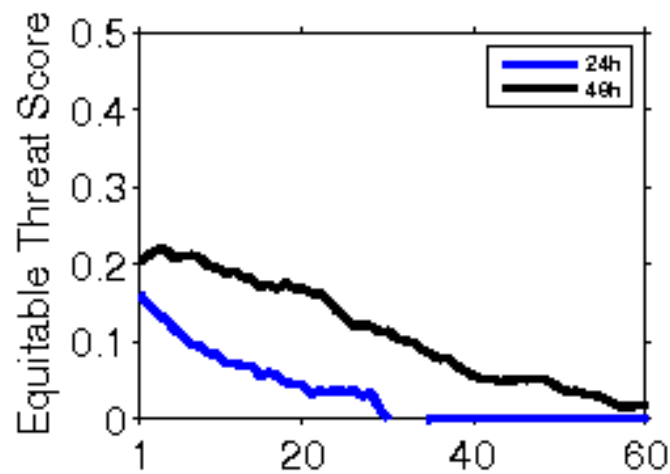


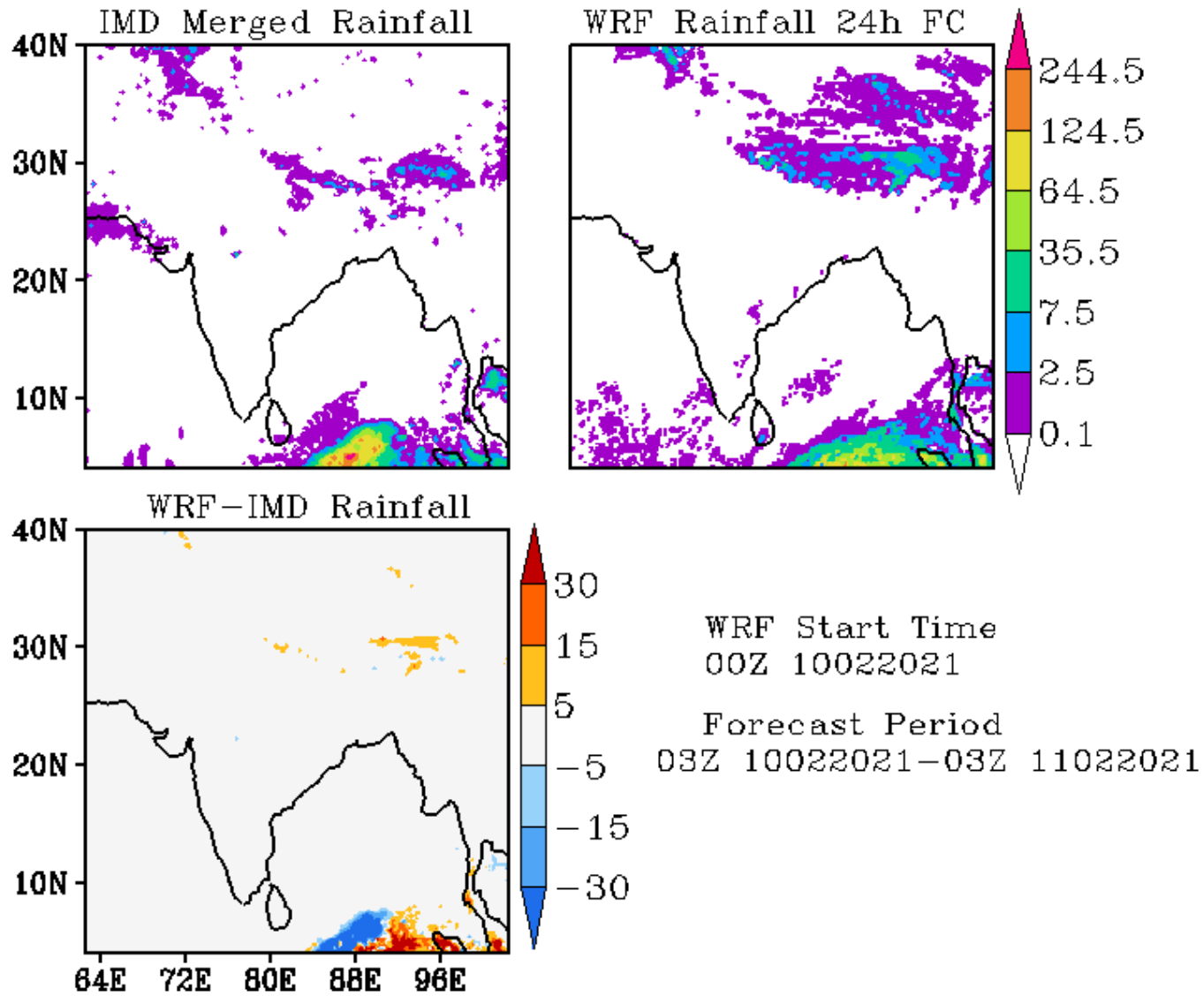


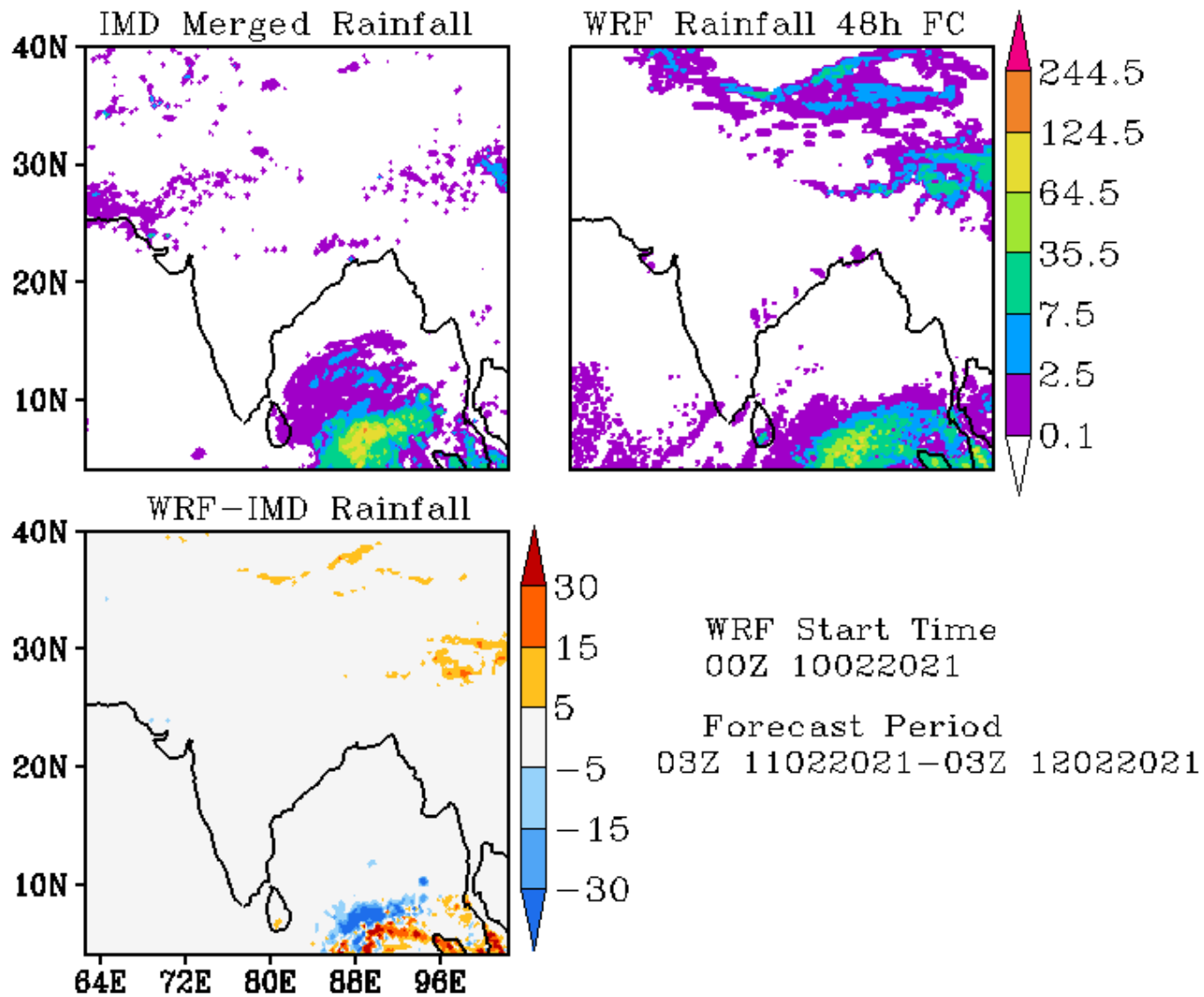


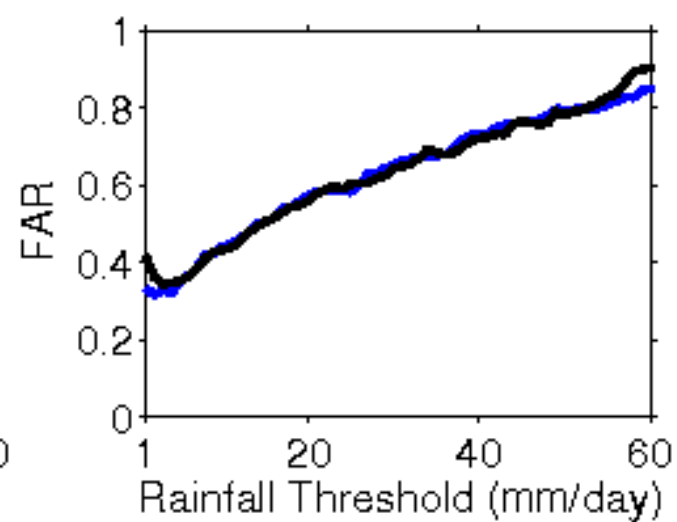
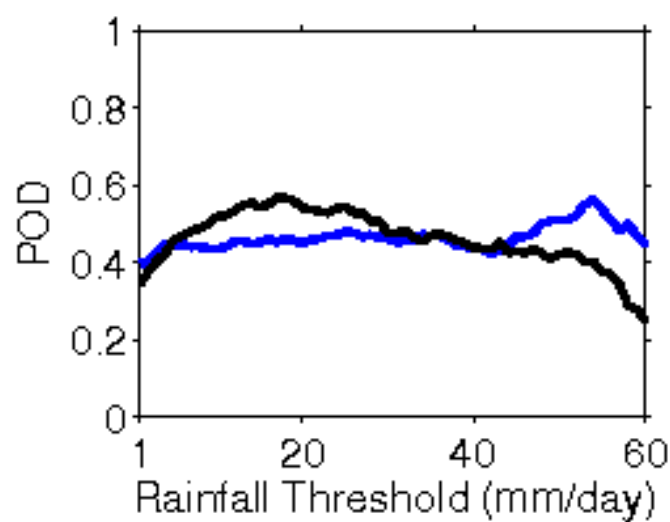
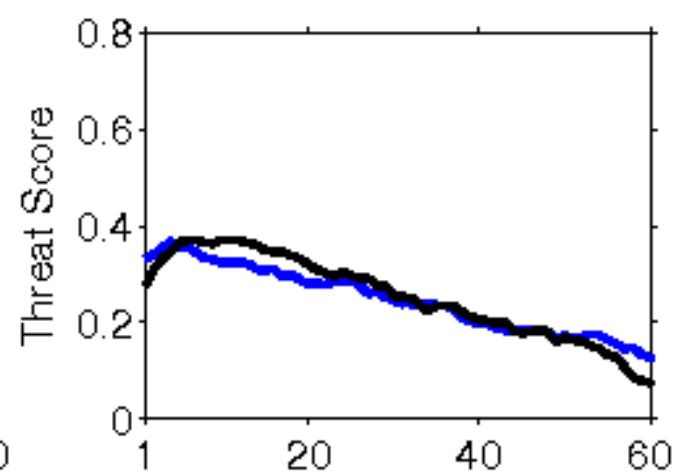
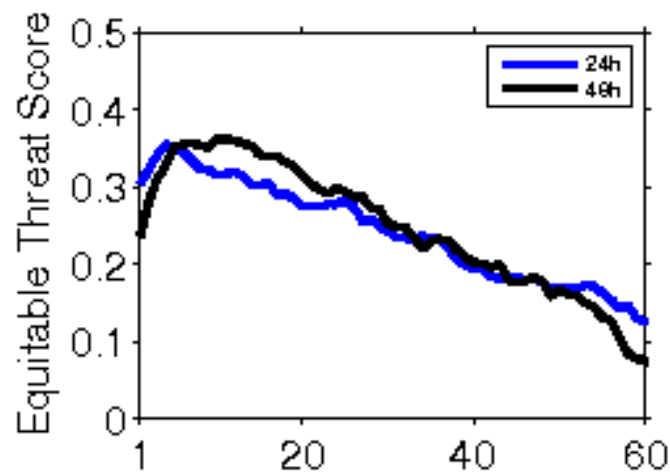


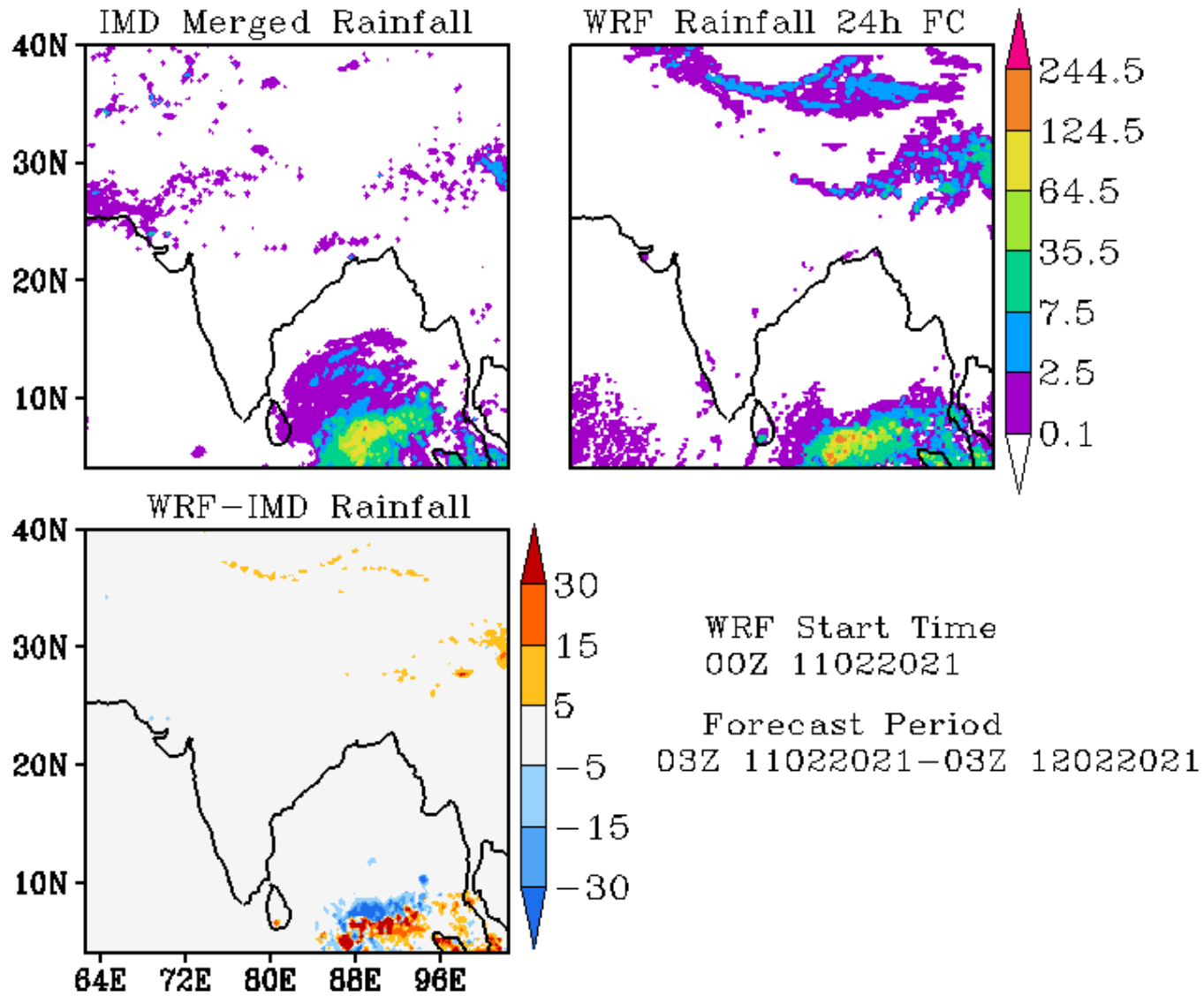


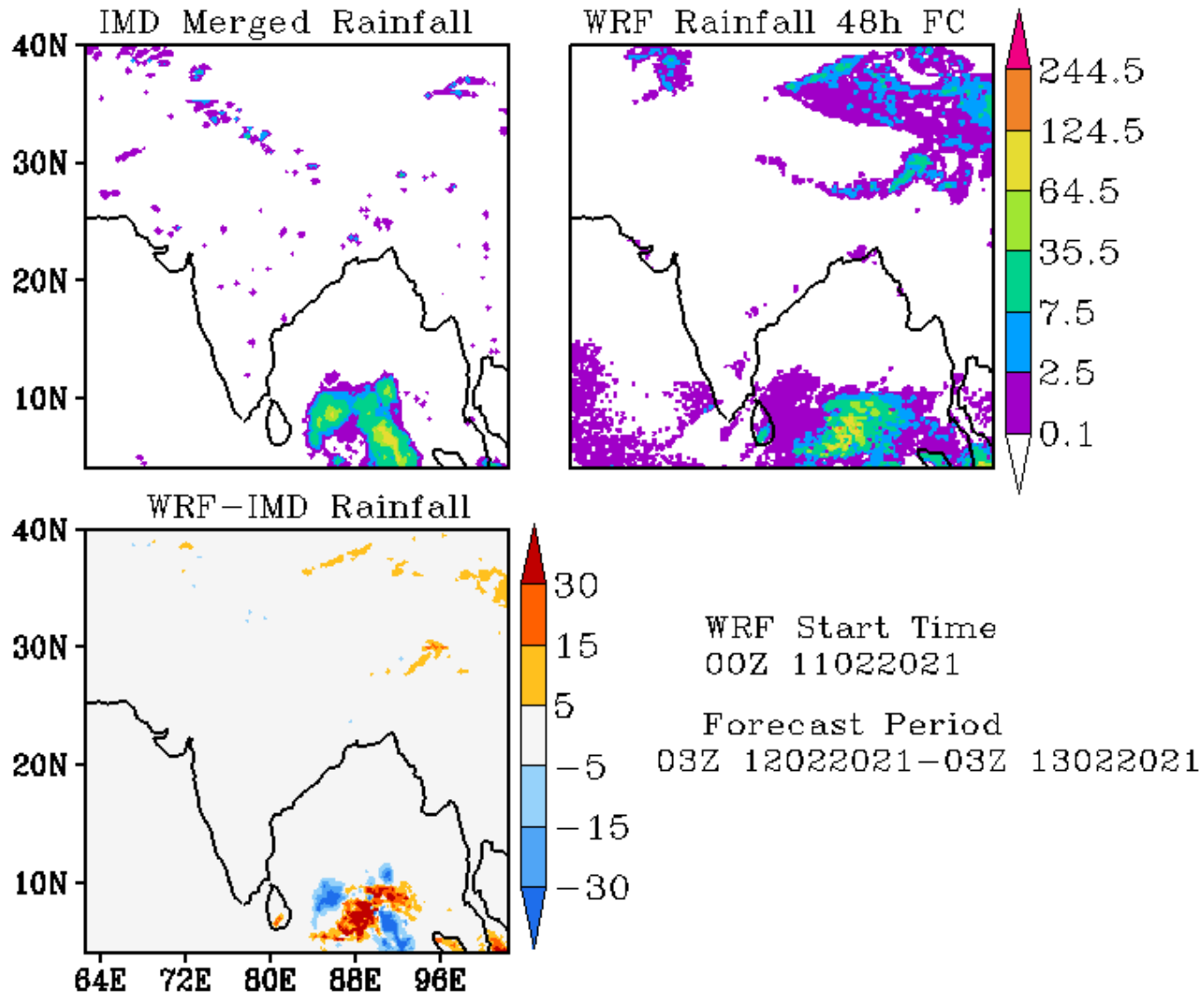


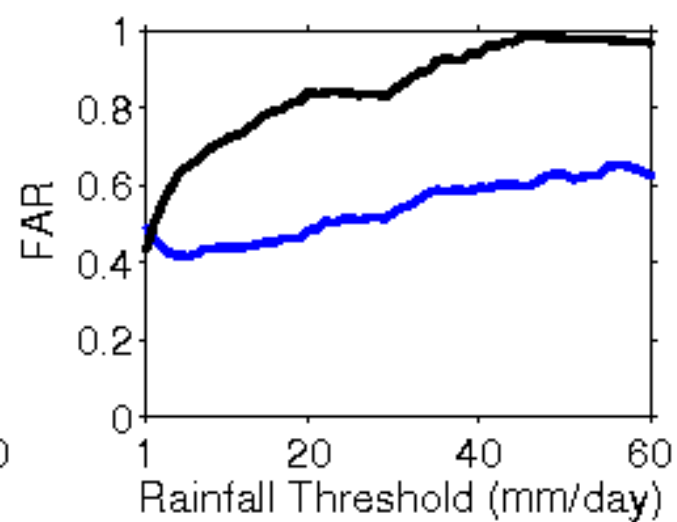
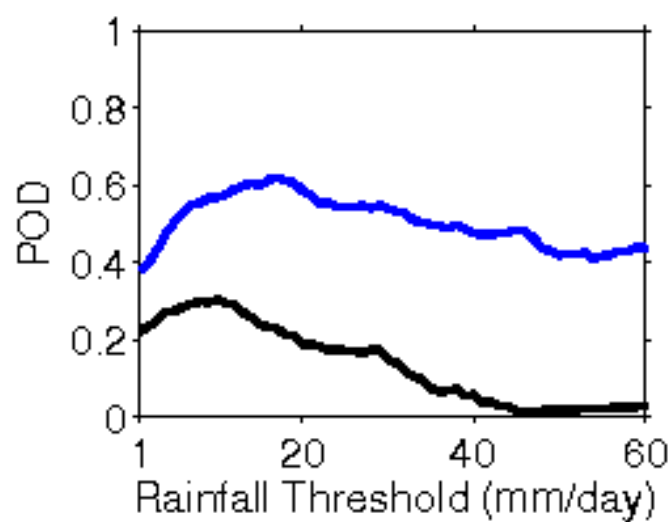
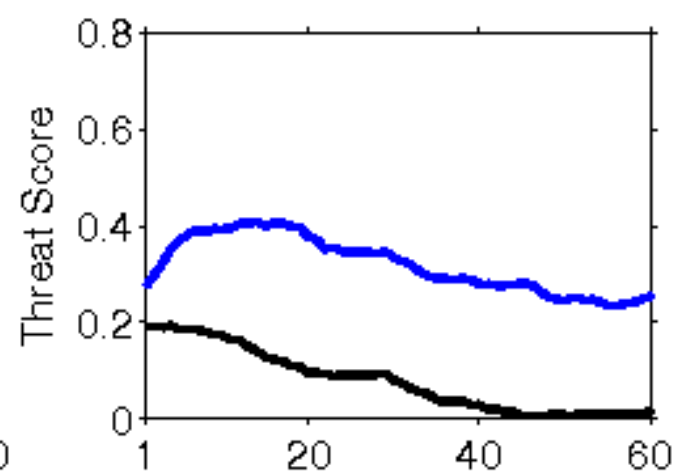
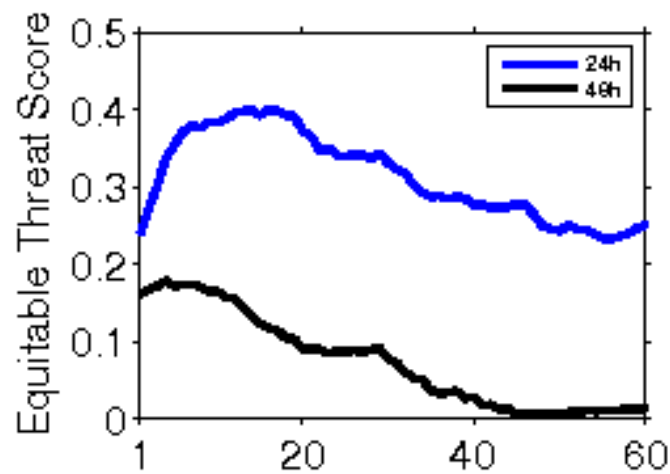


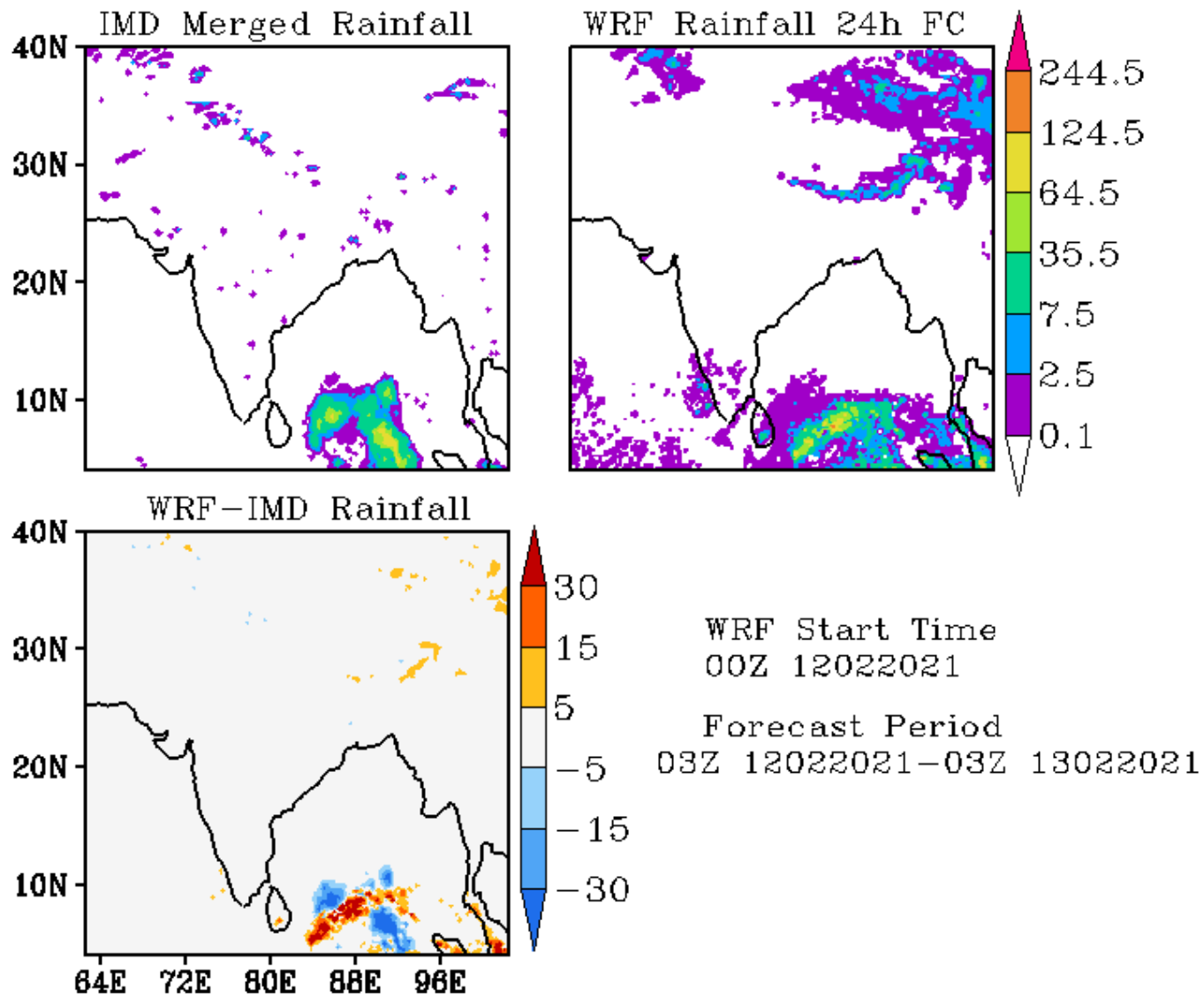


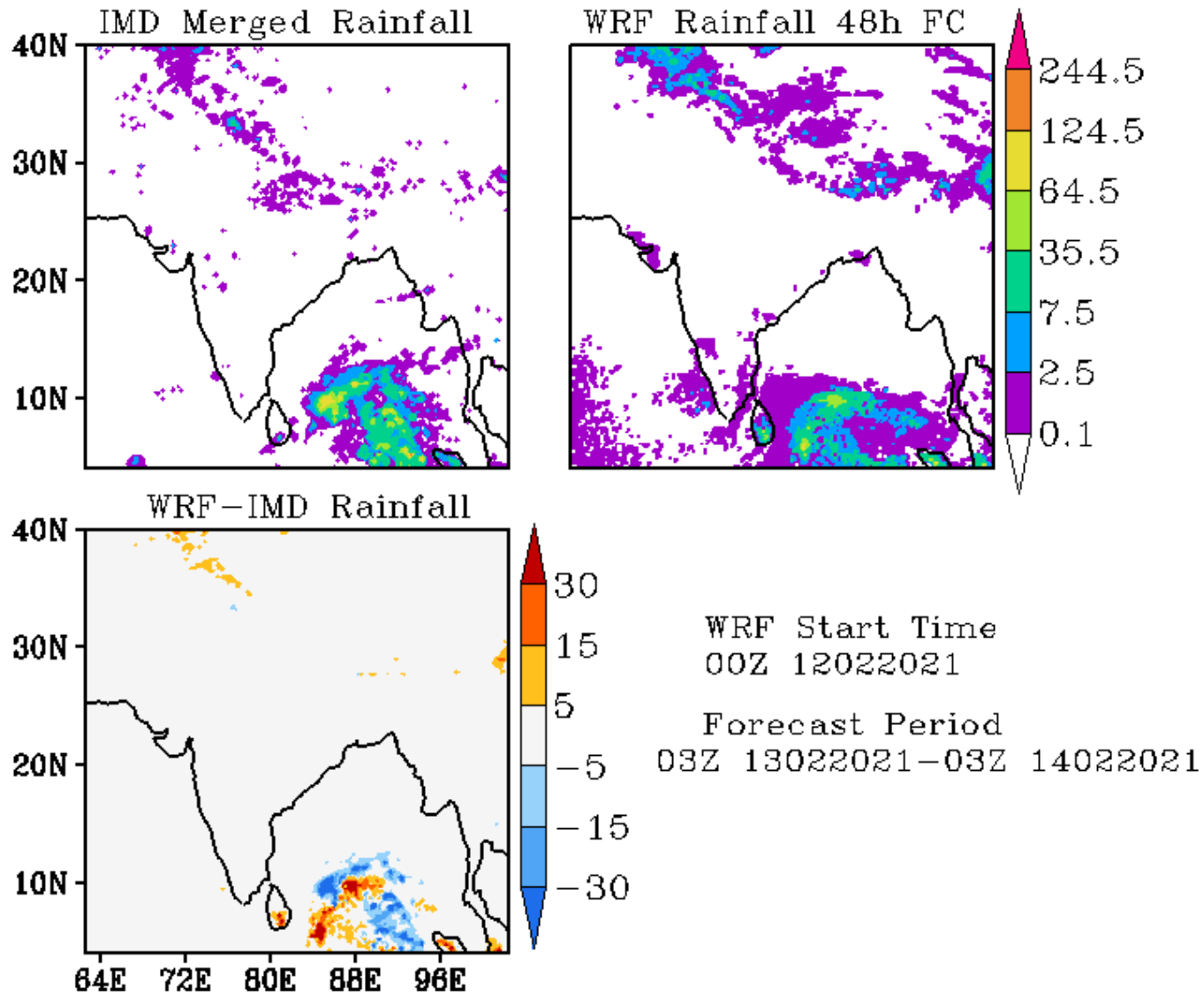


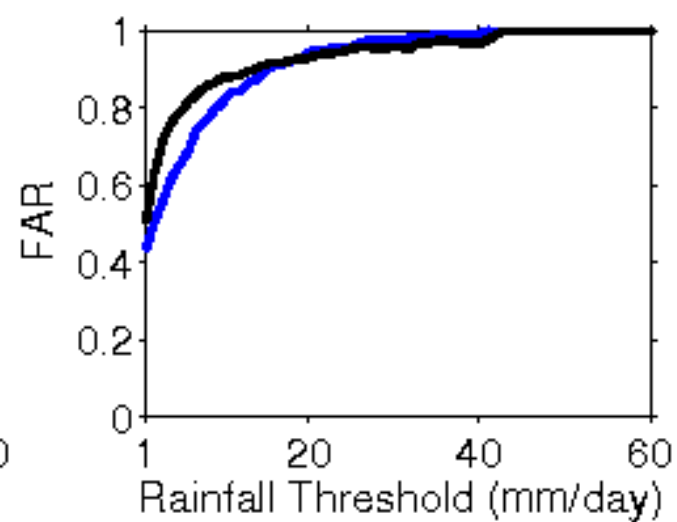
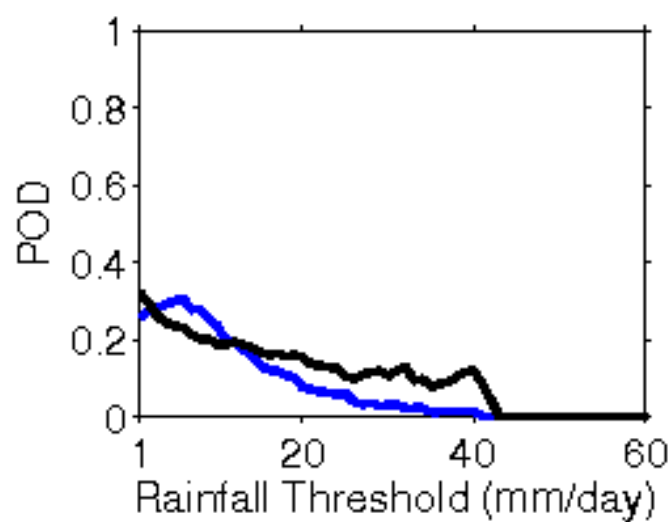
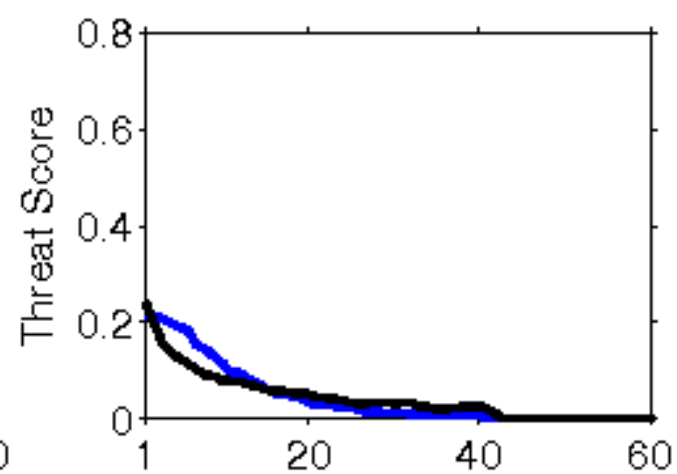
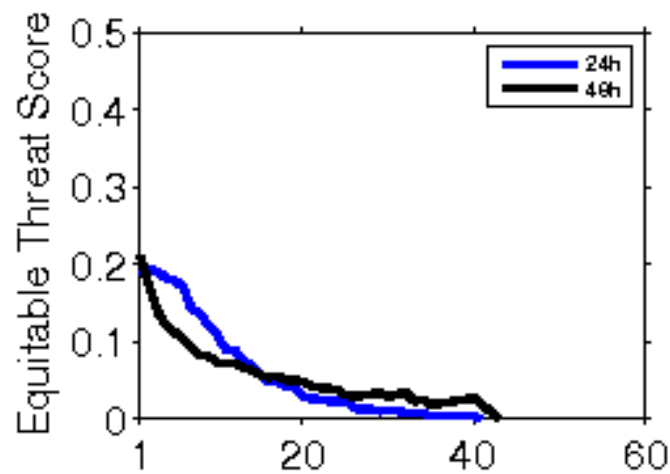


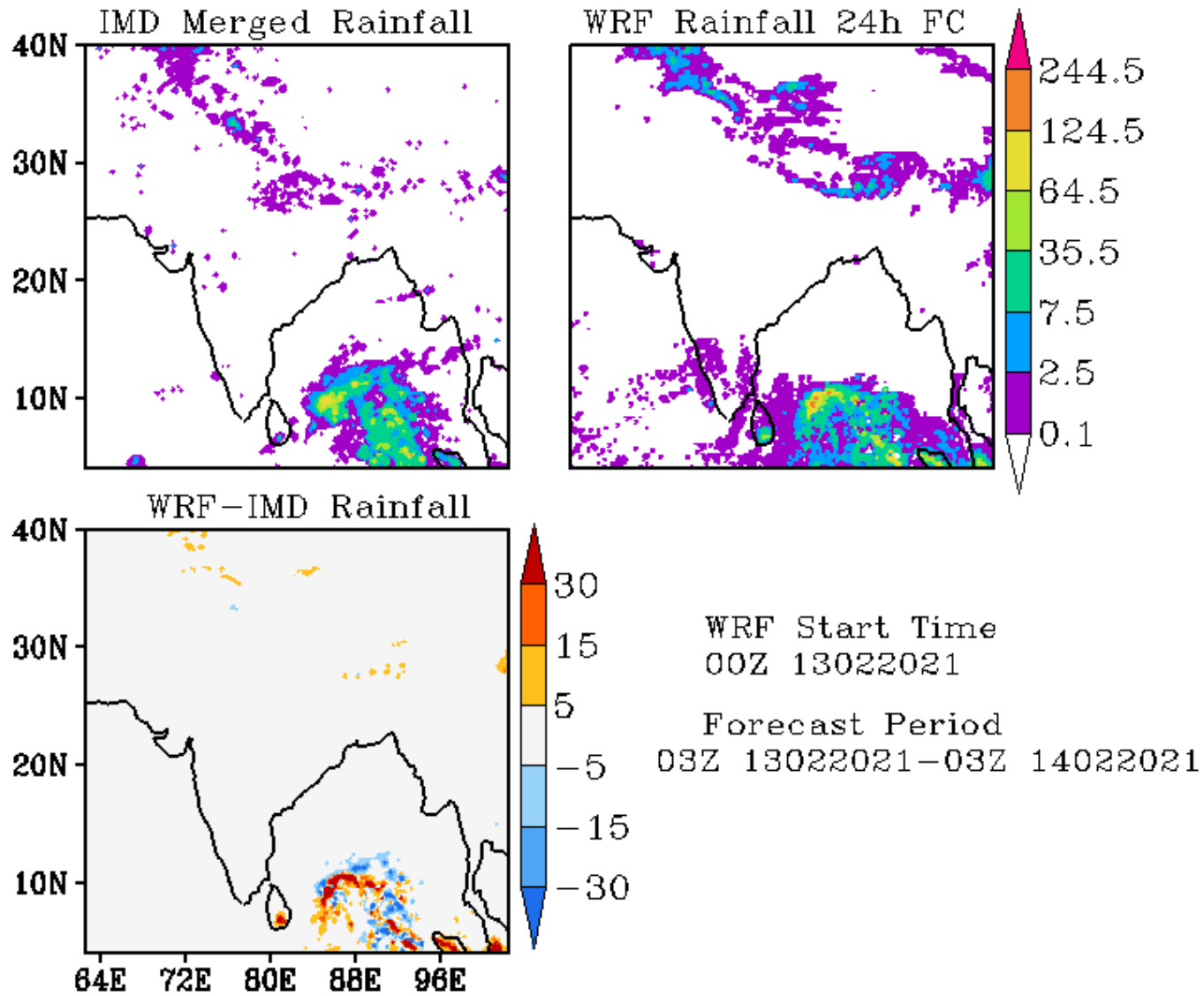


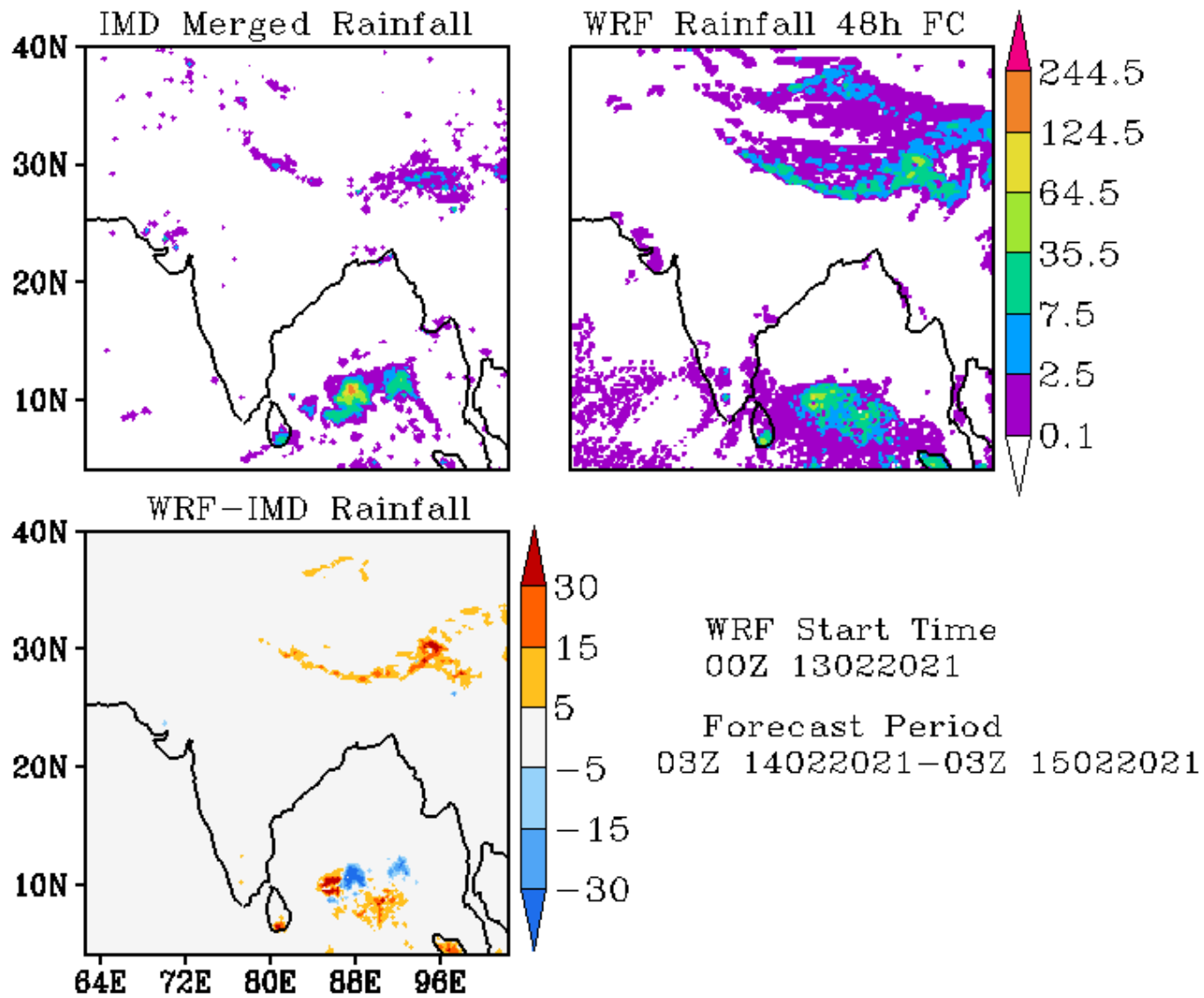


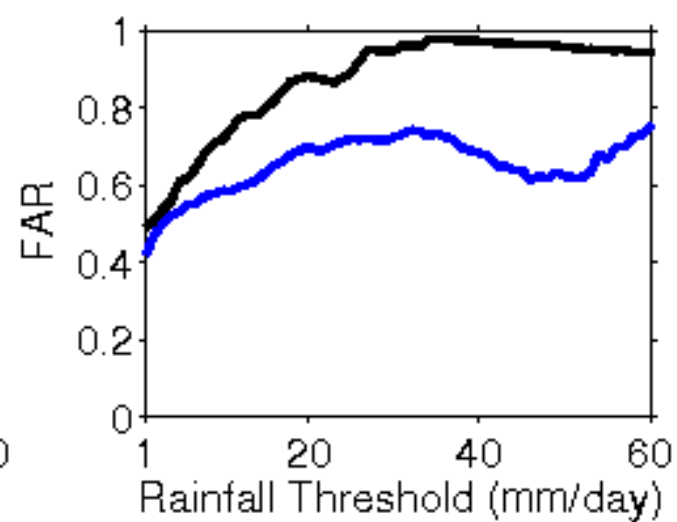
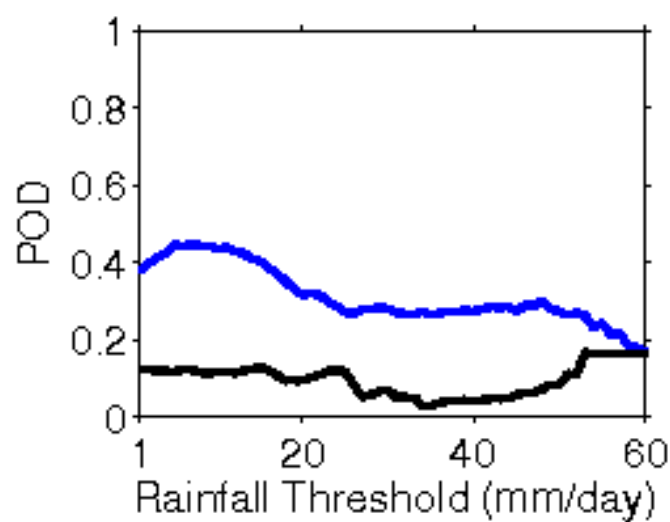
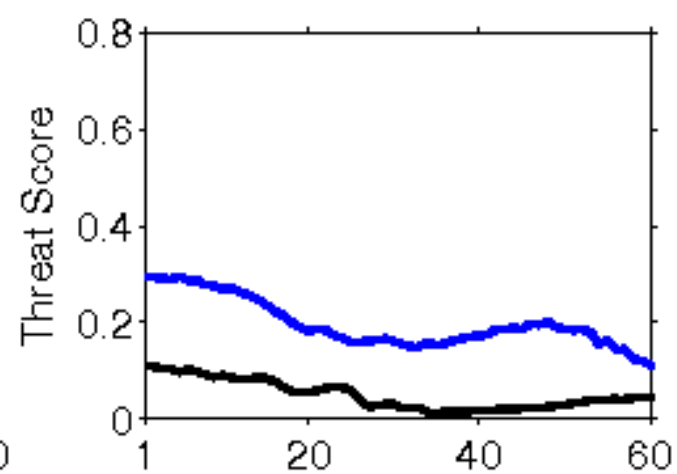
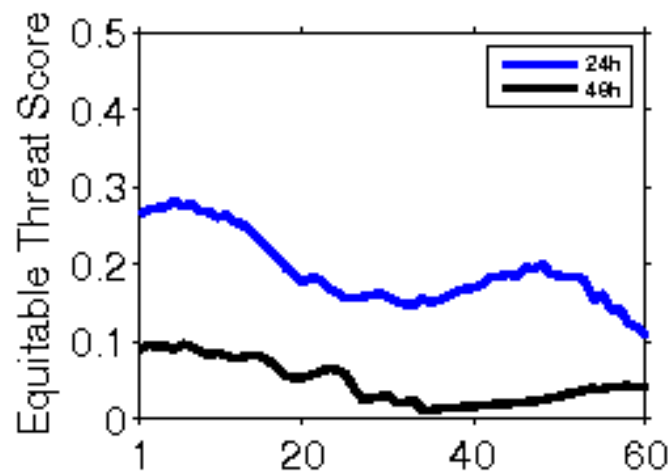


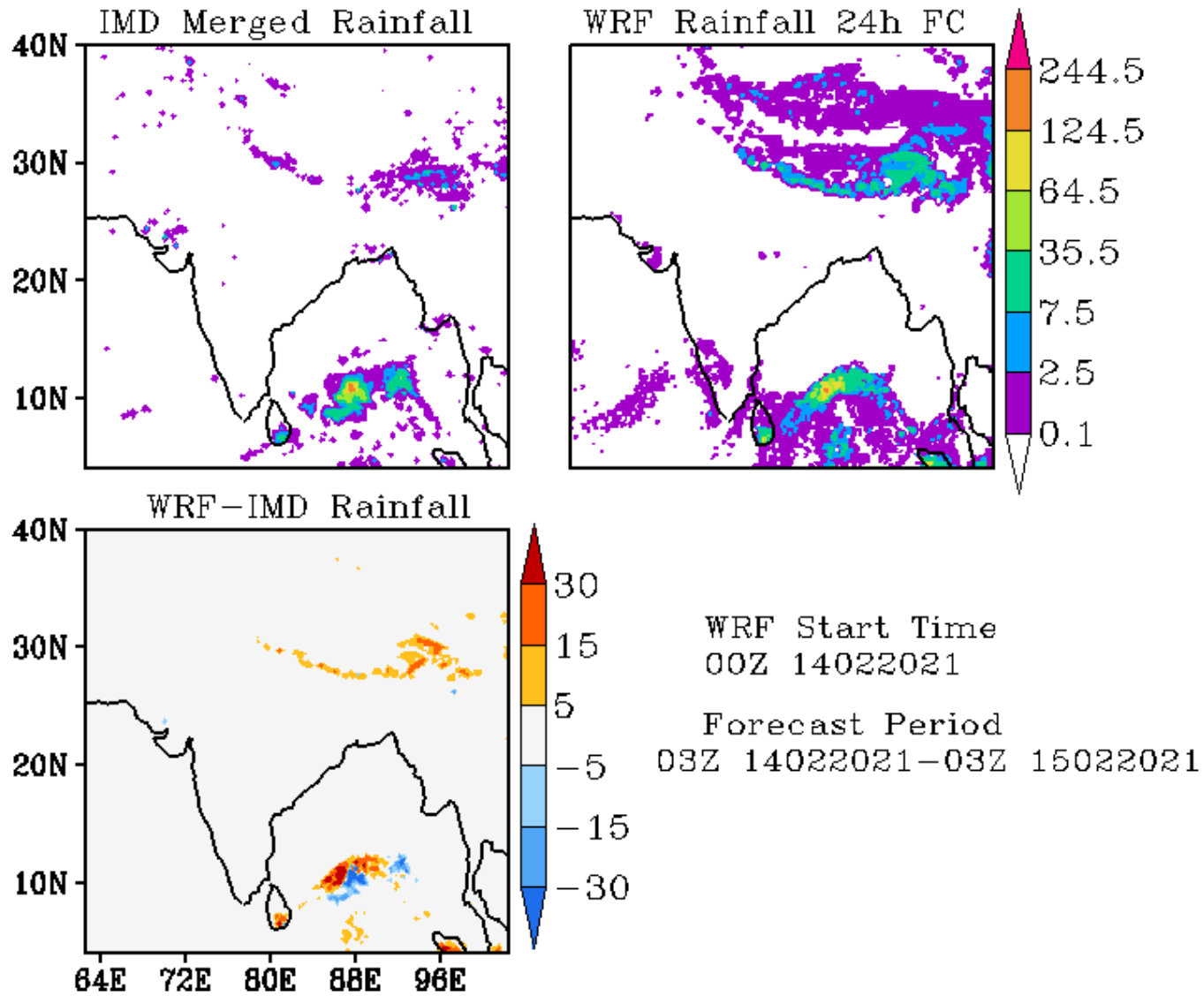


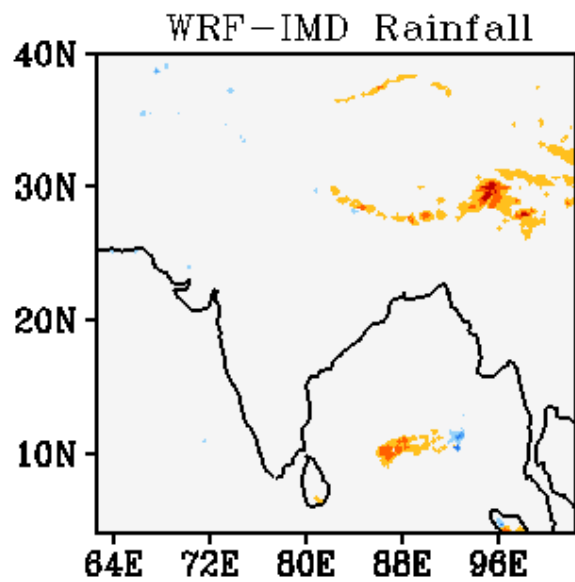
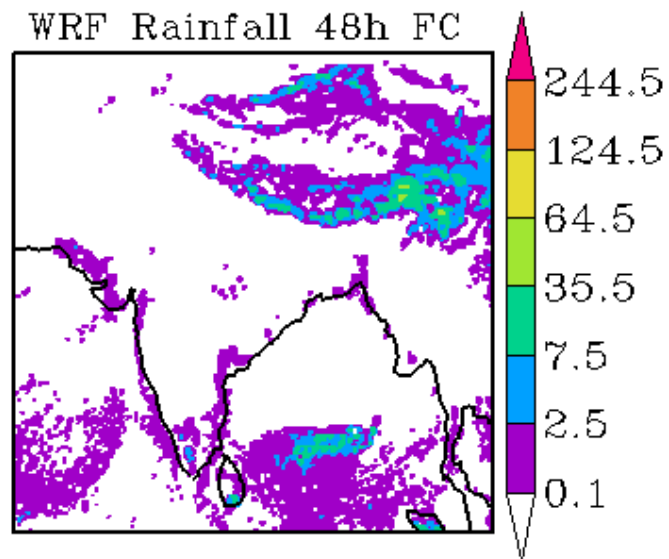
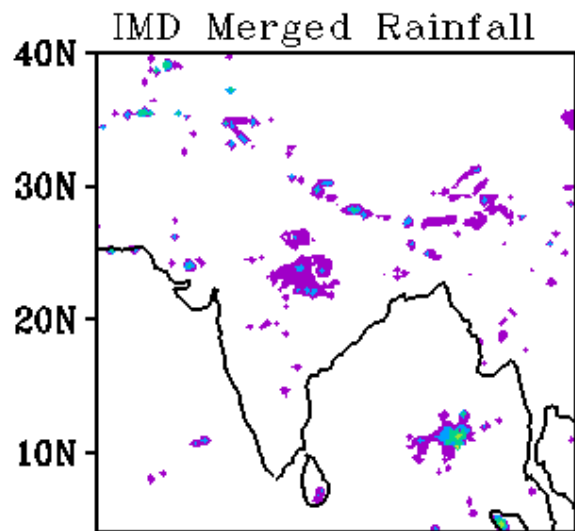






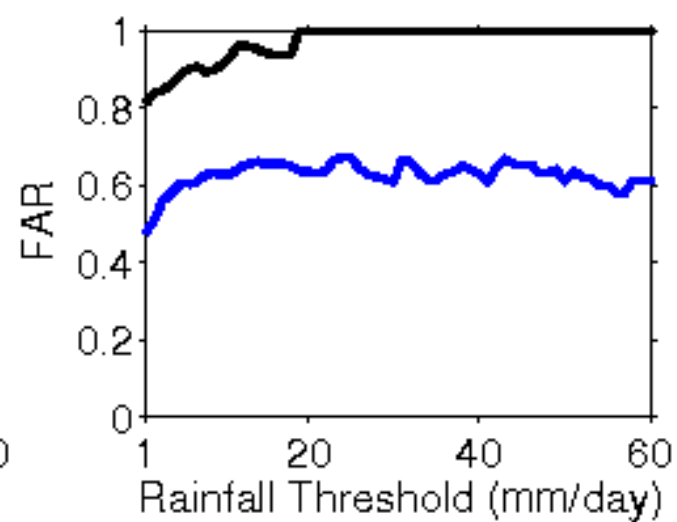
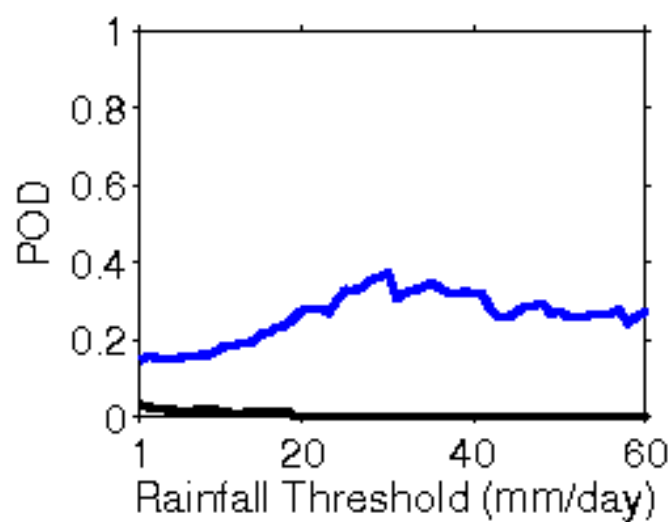
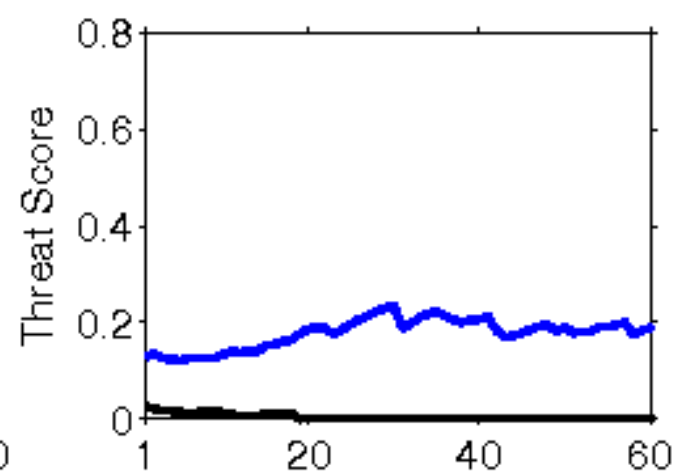
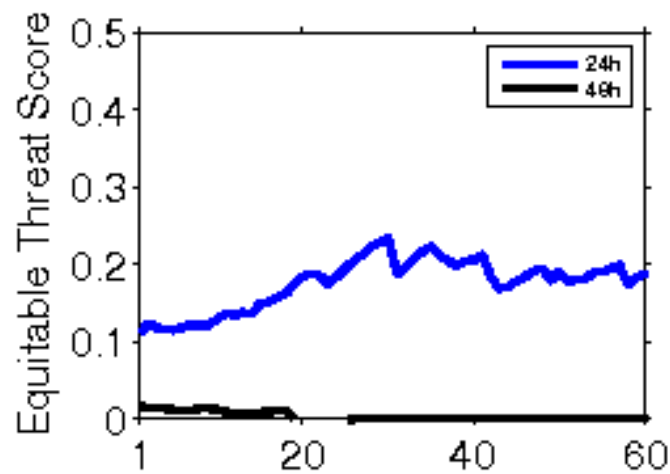


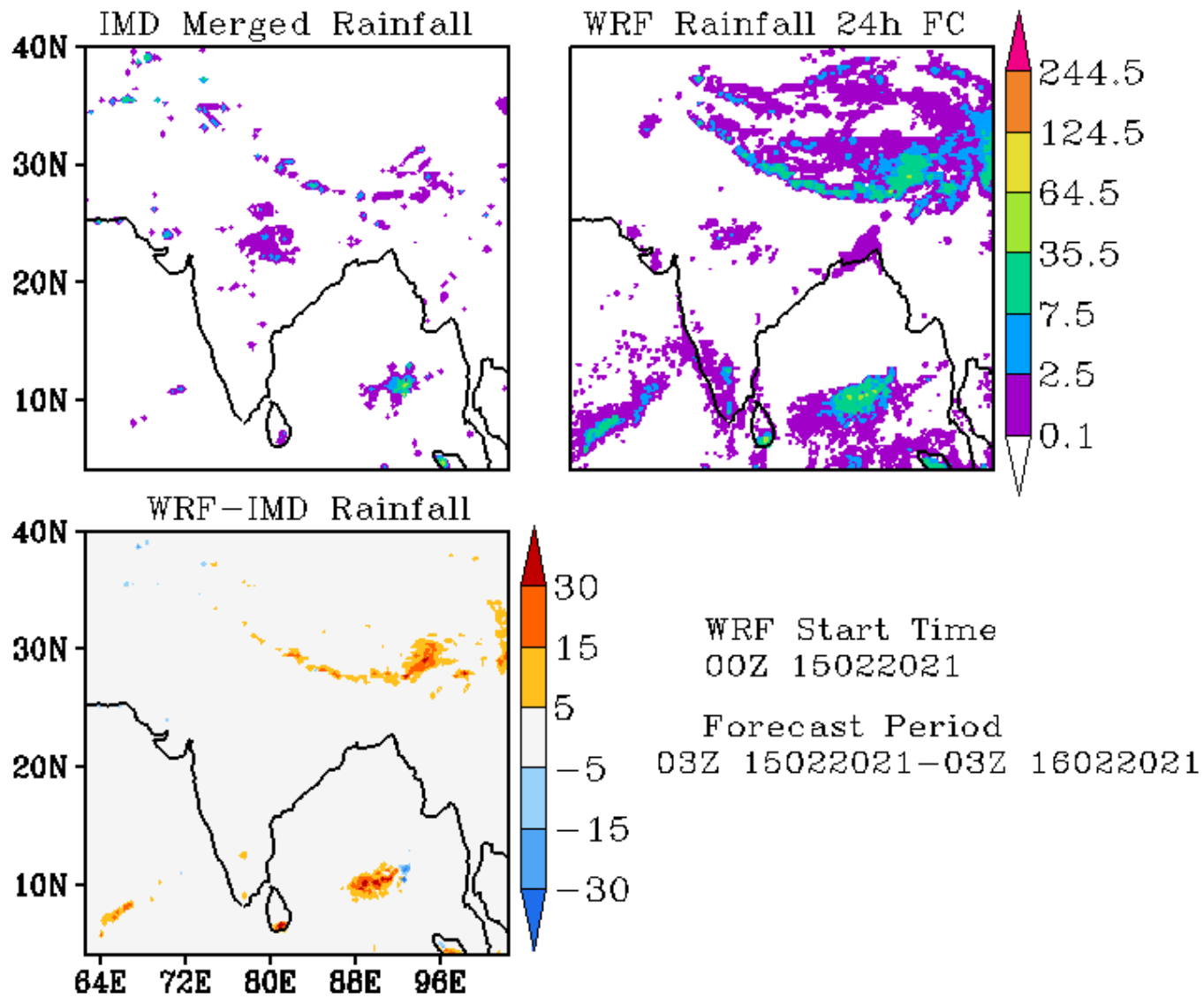


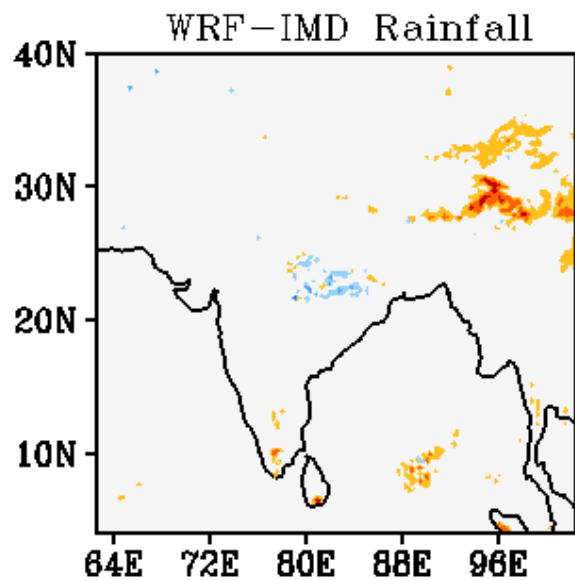
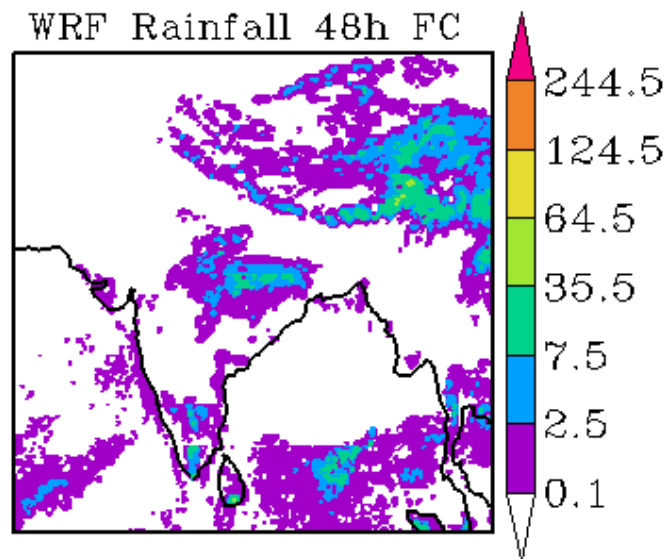
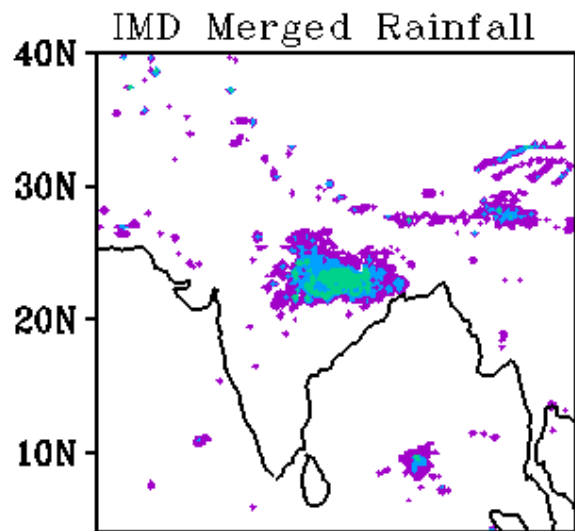


WRF Start Time
00Z 14022021

Forecast Period
03Z 15022021-03Z 16022021

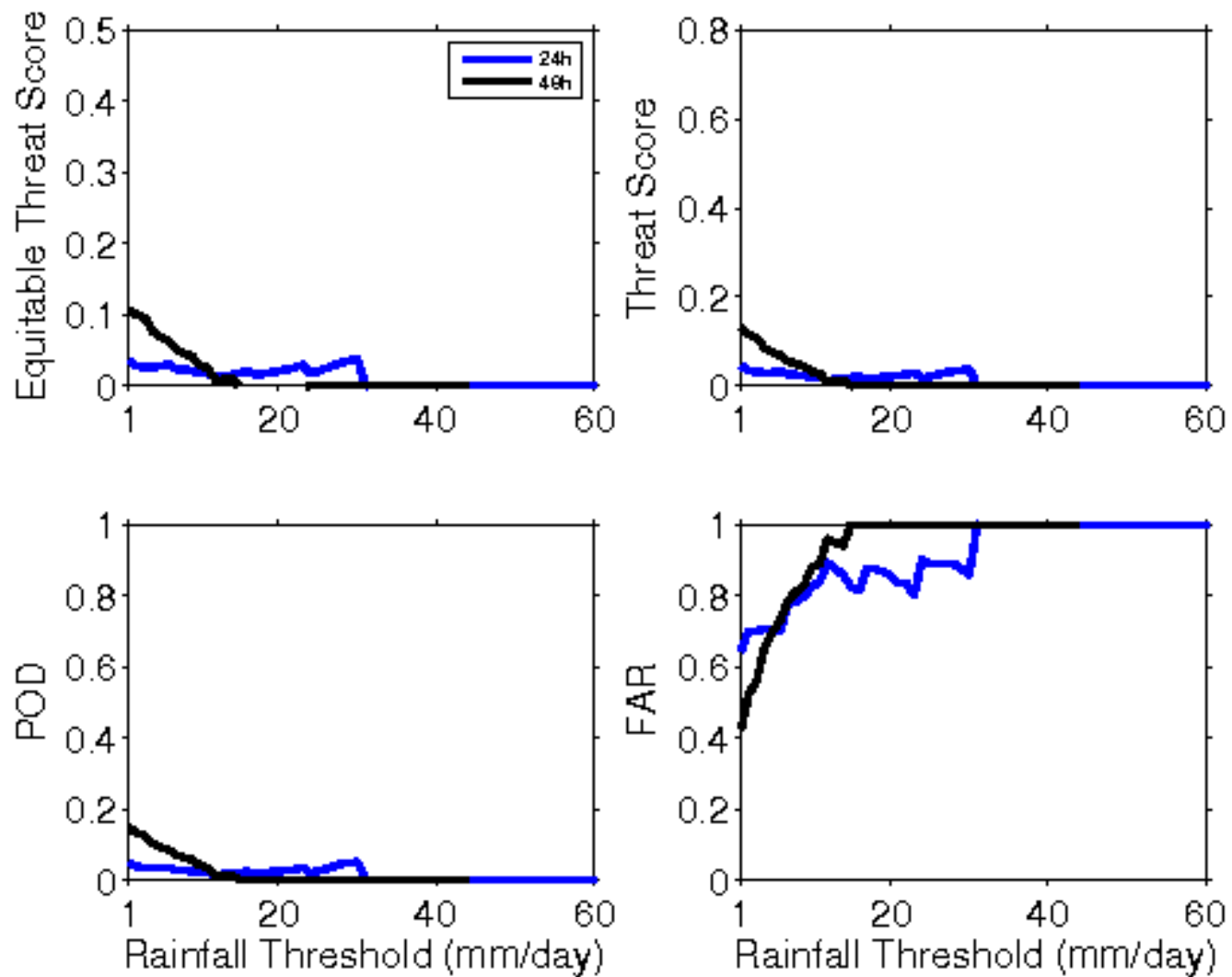


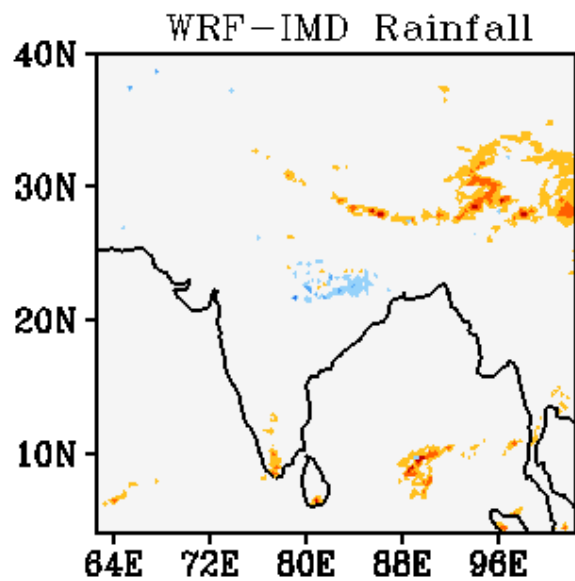
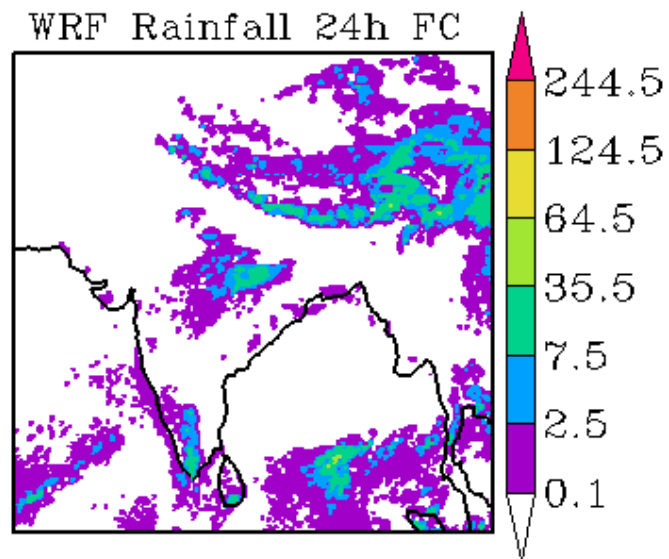
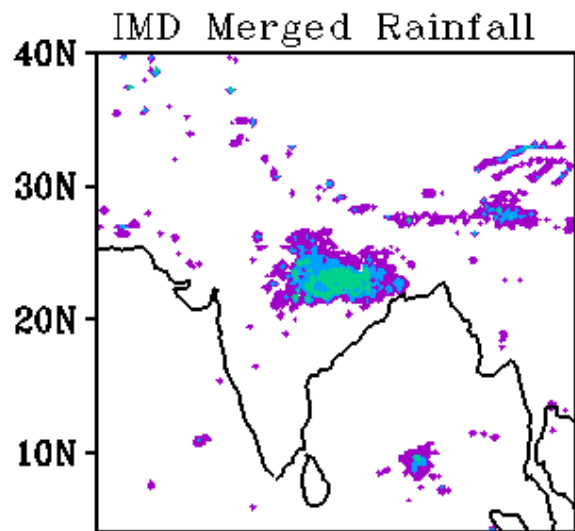




WRF Start Time
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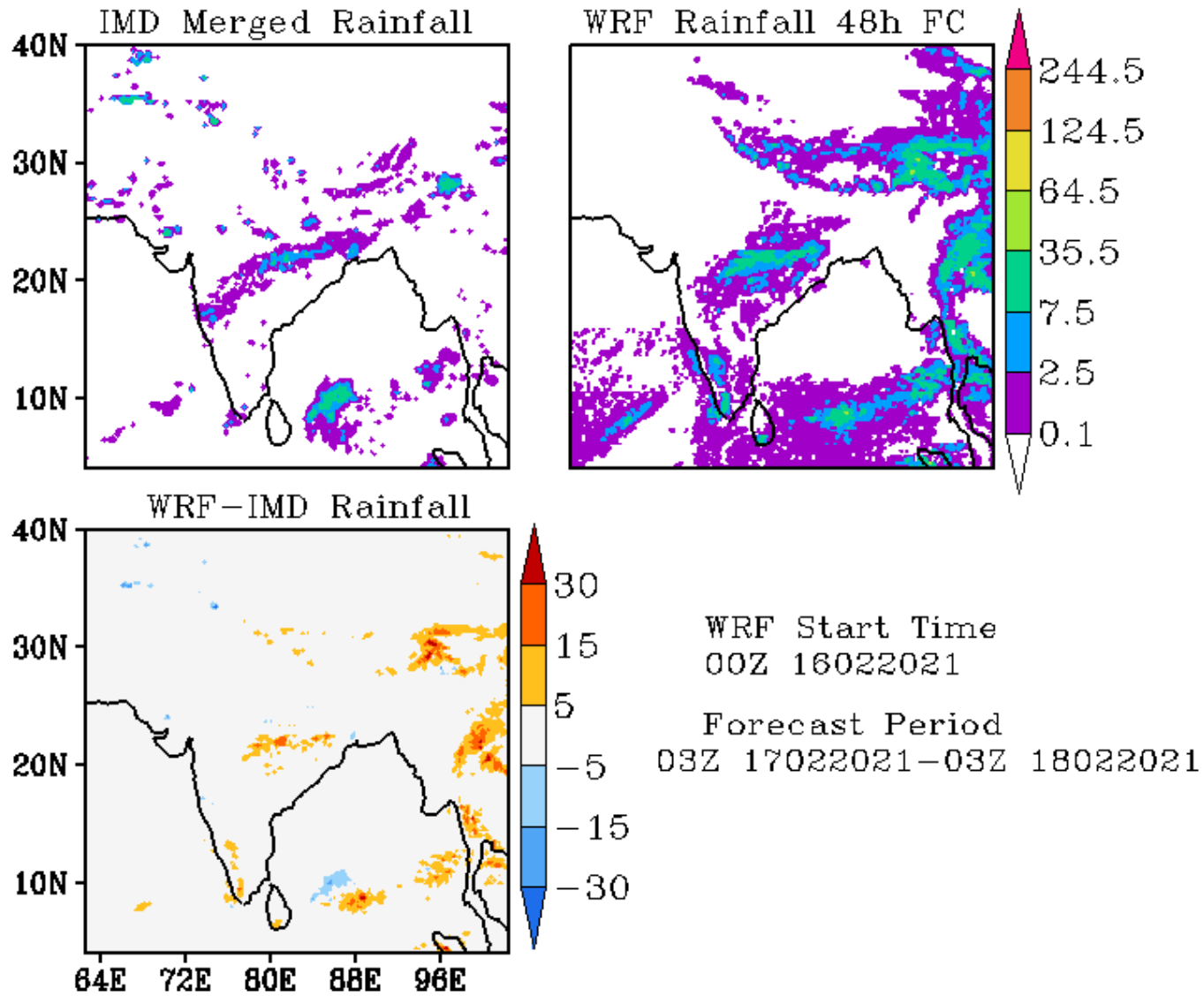
Forecast Period
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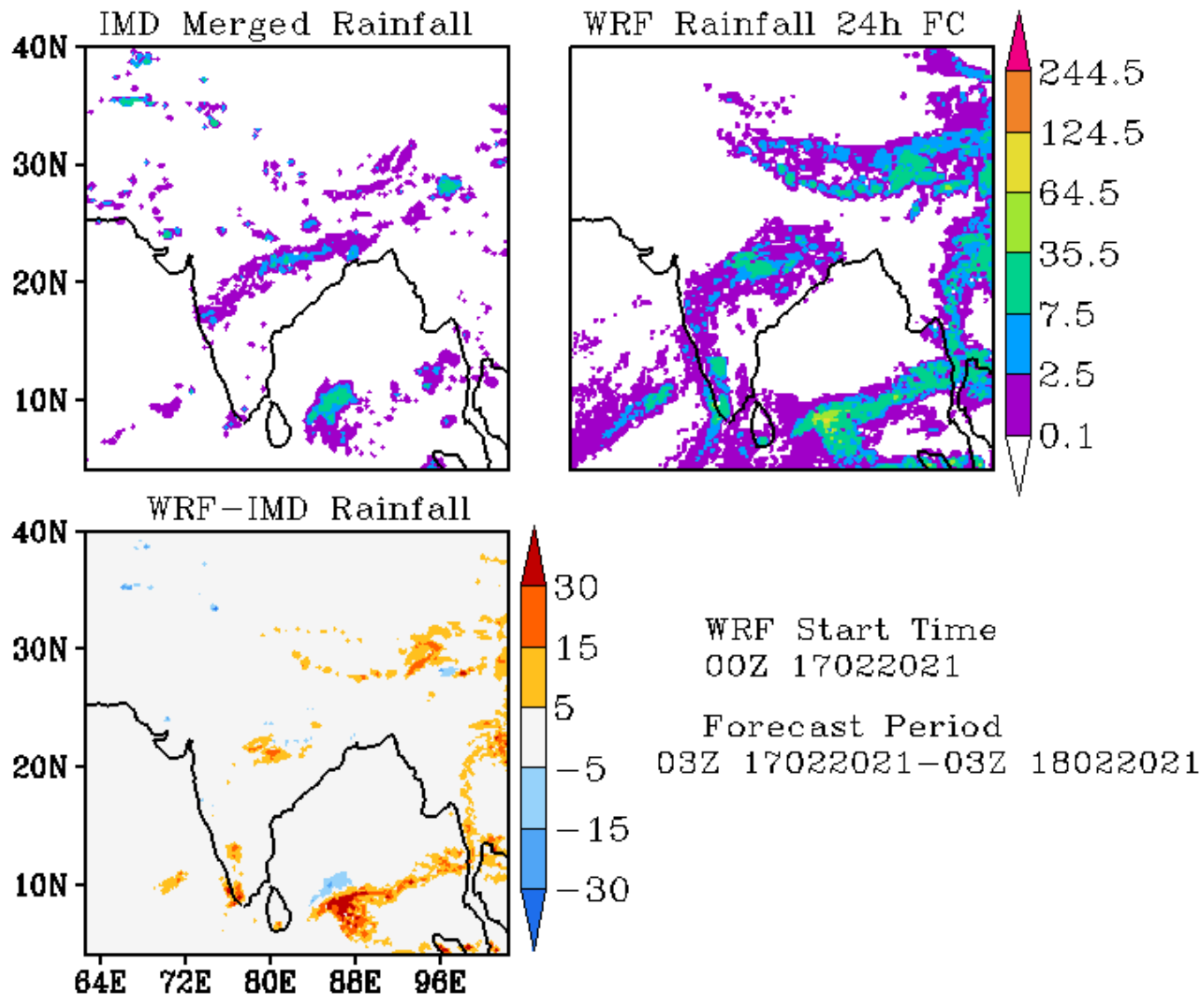


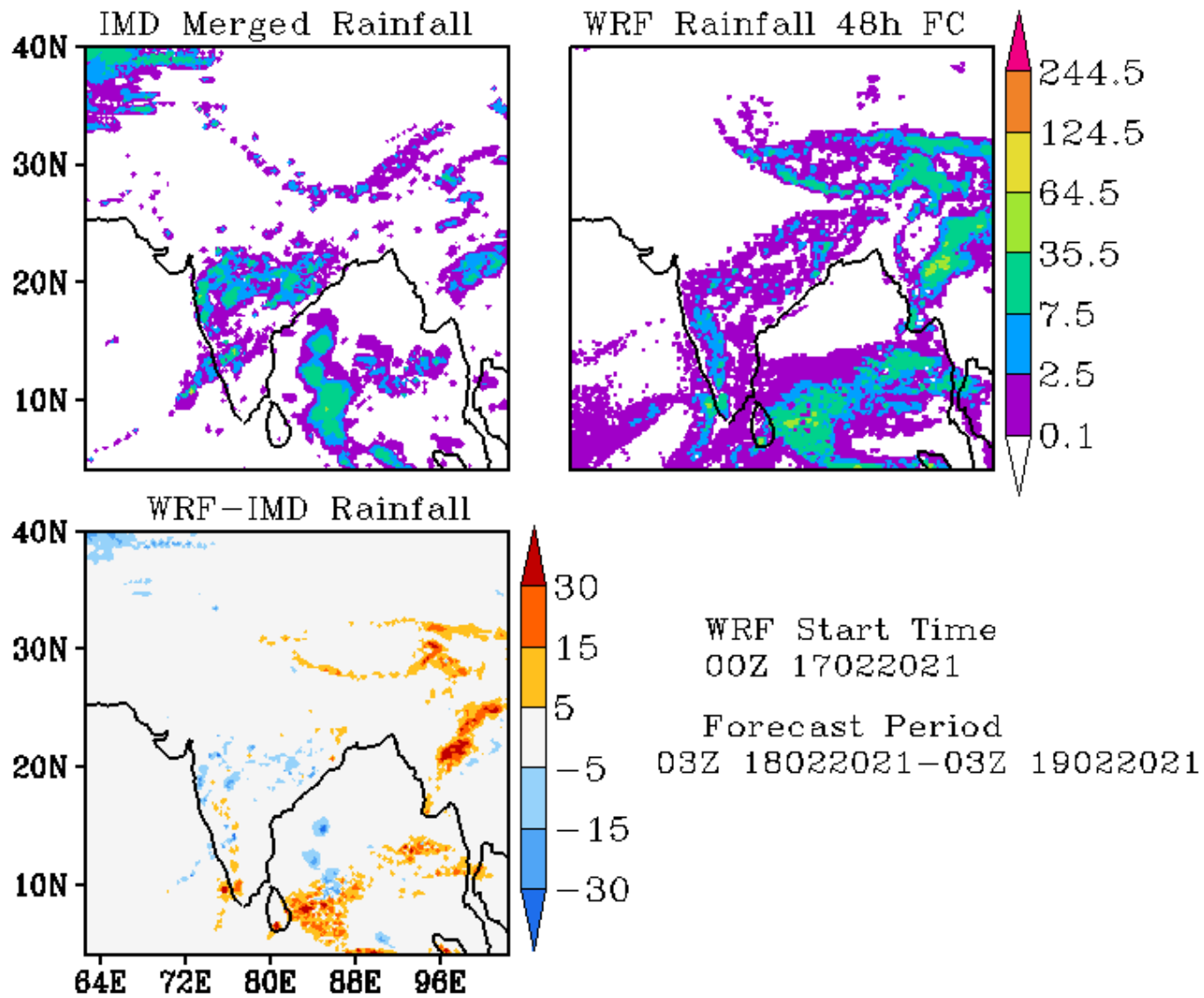


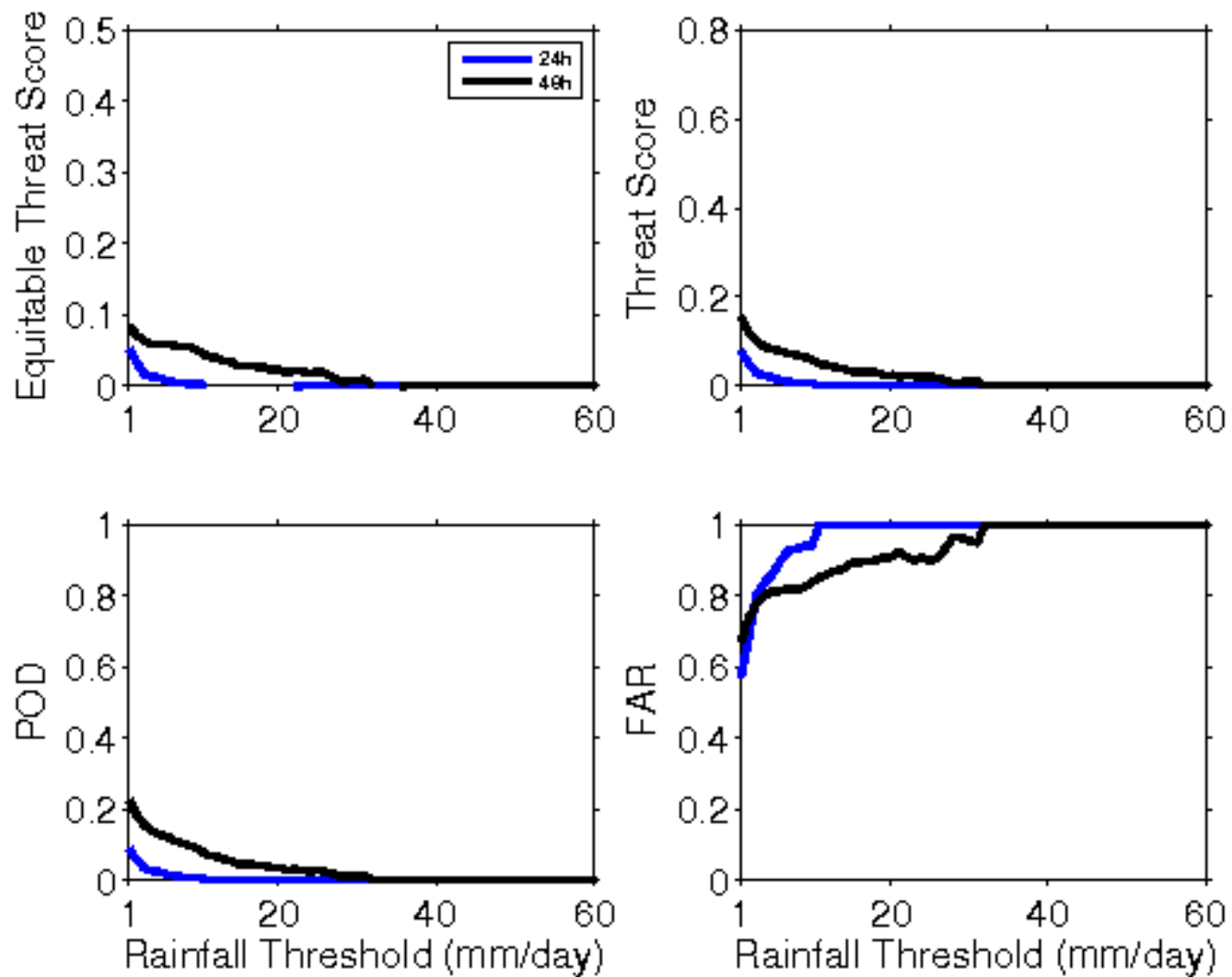
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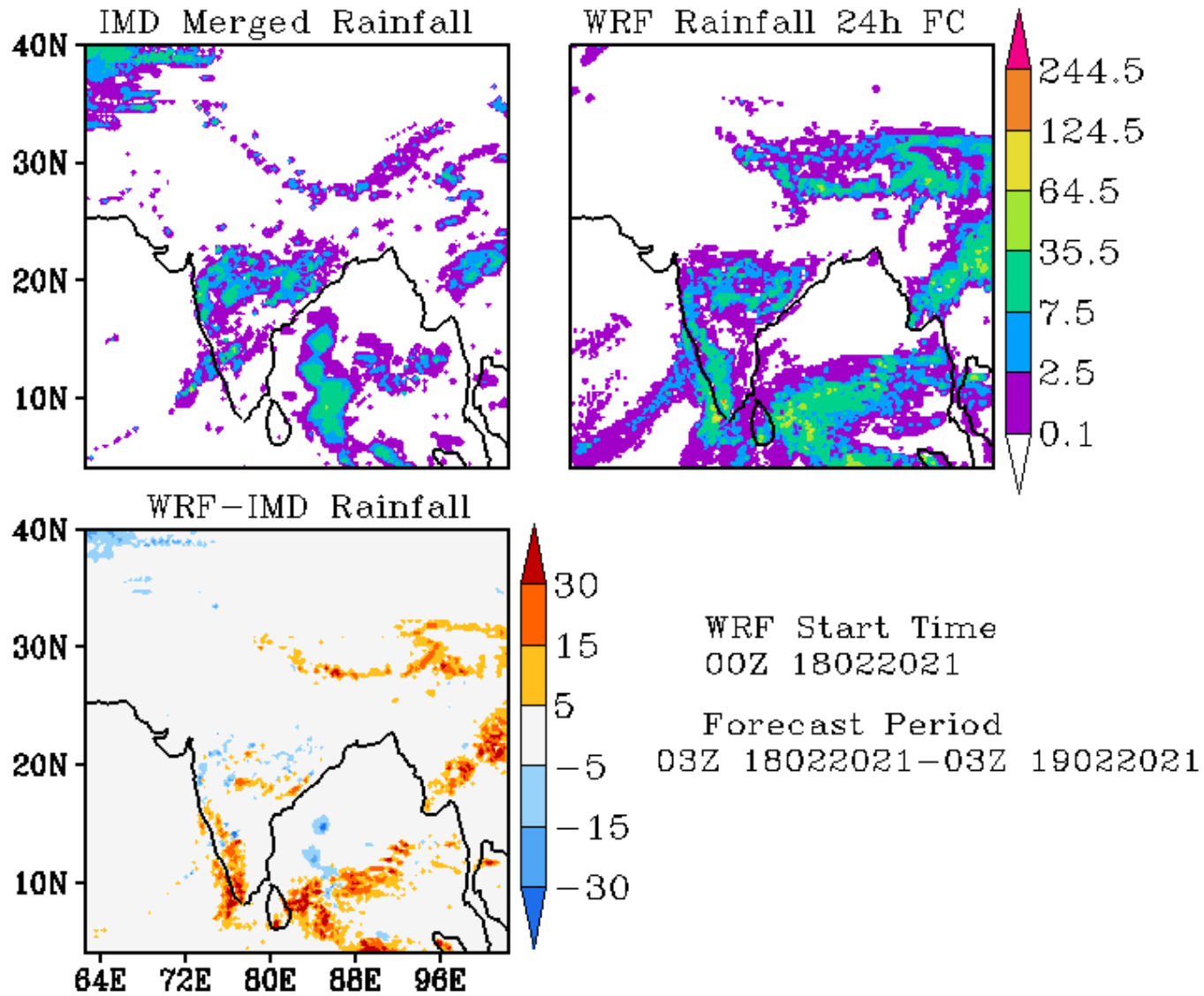
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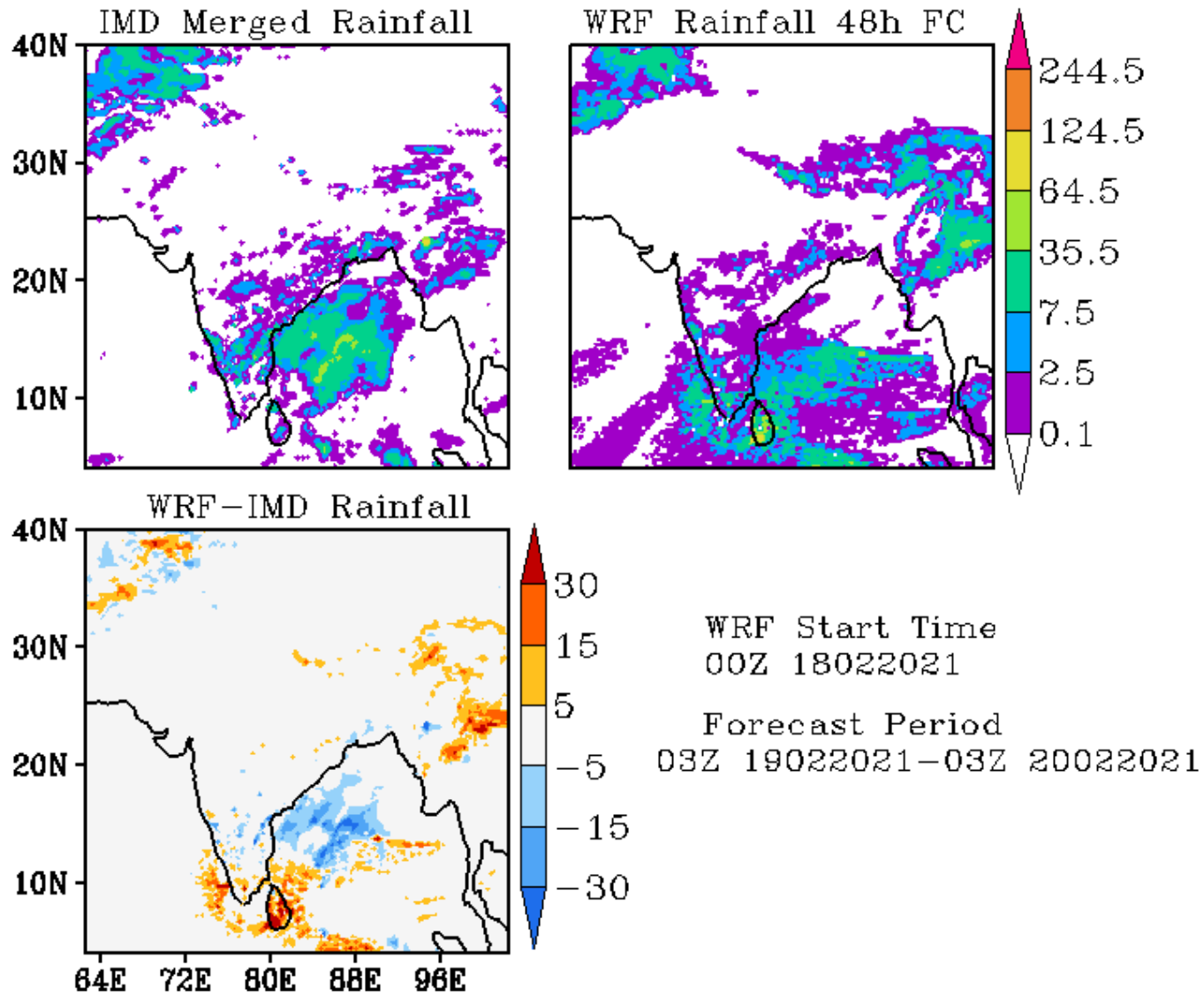


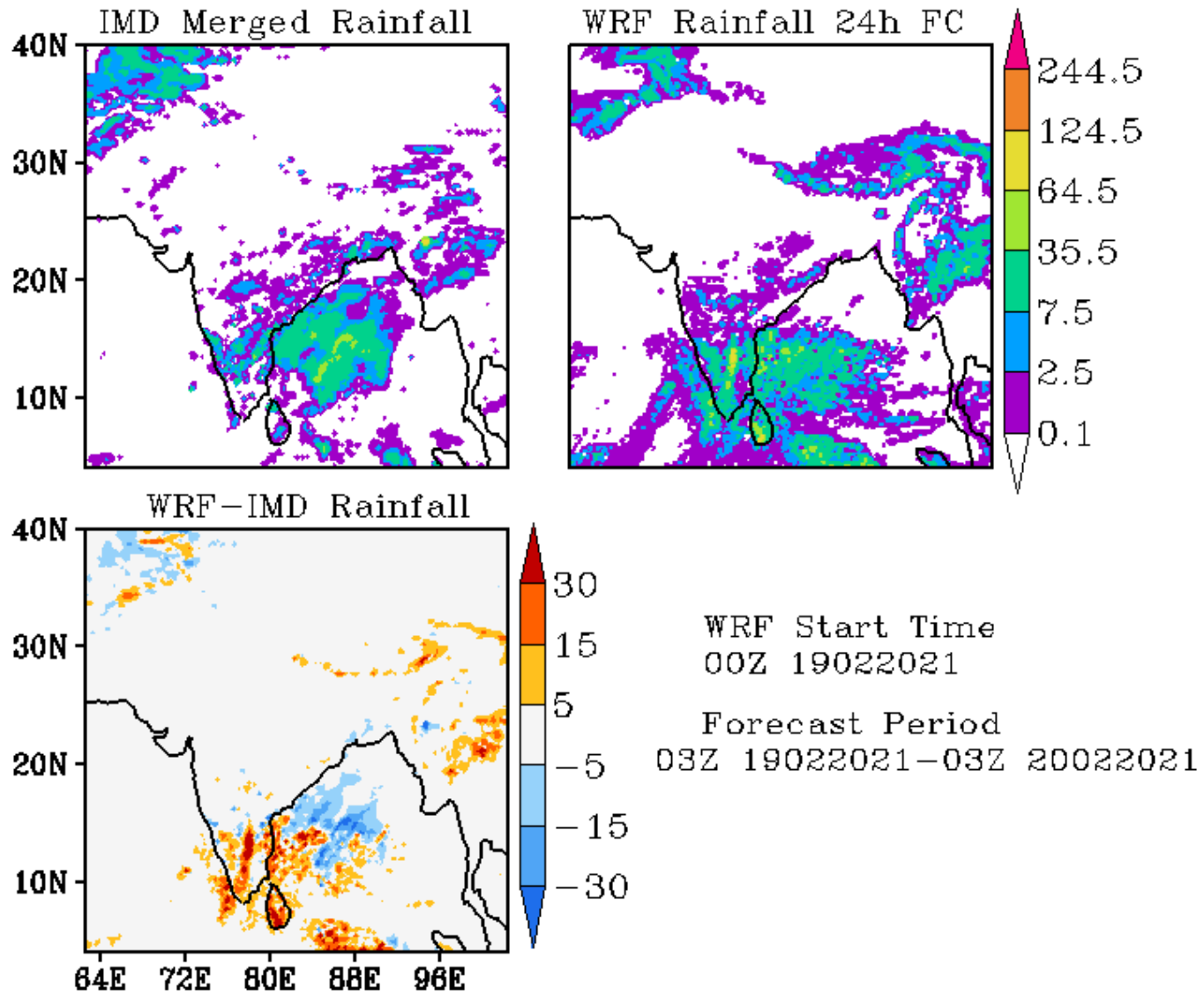


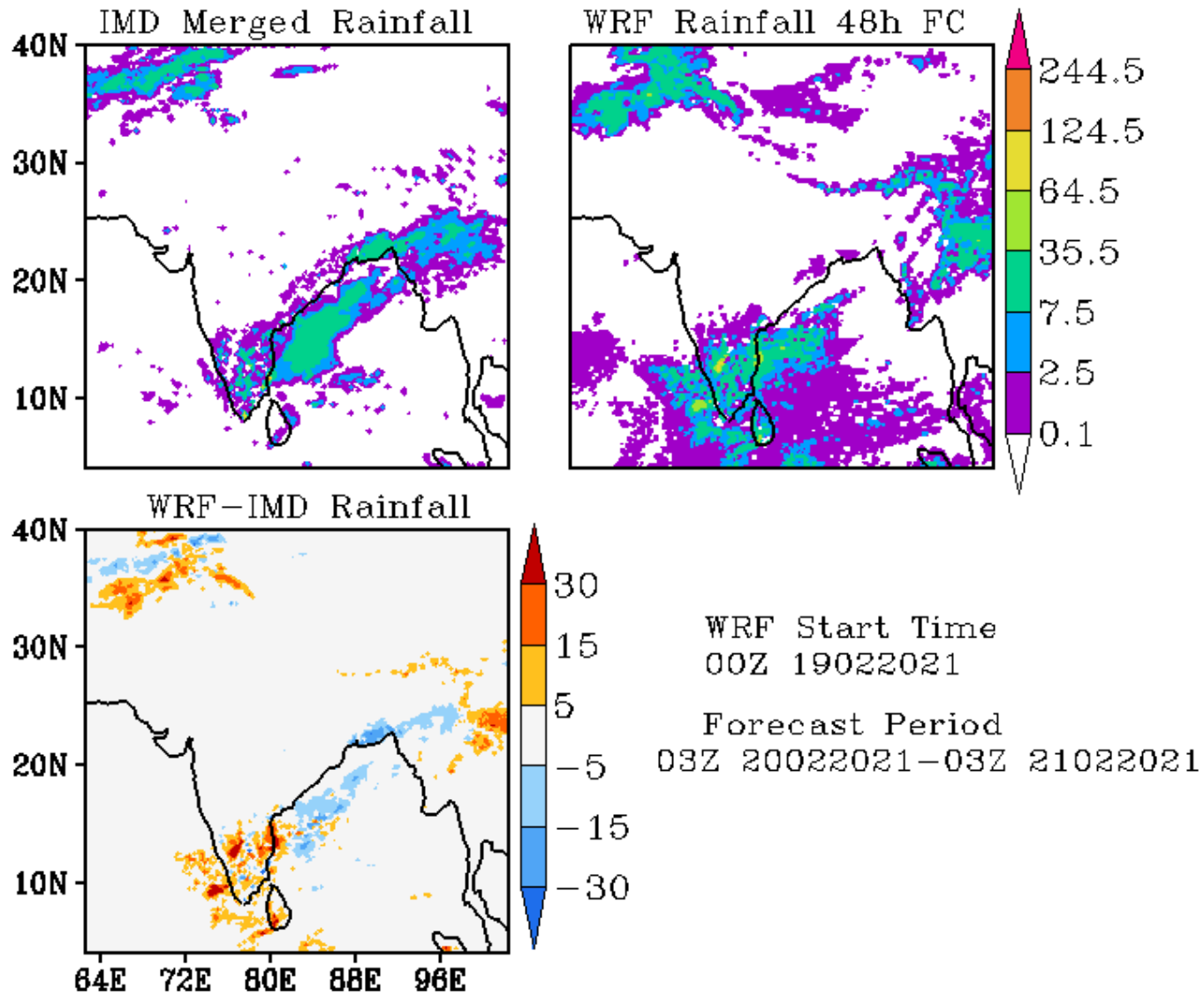


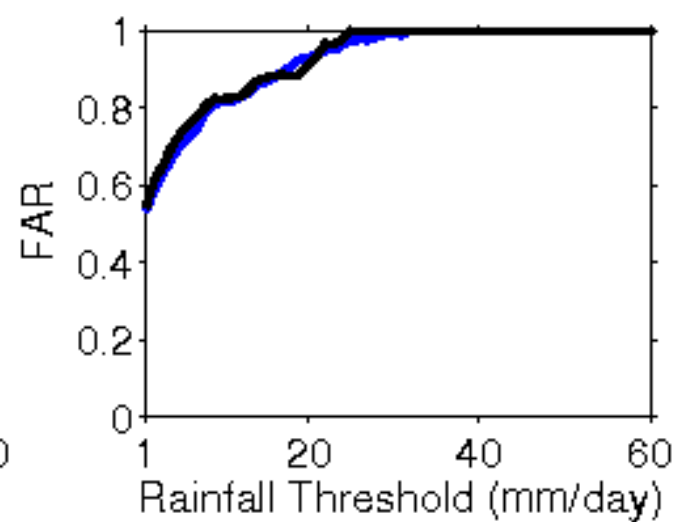
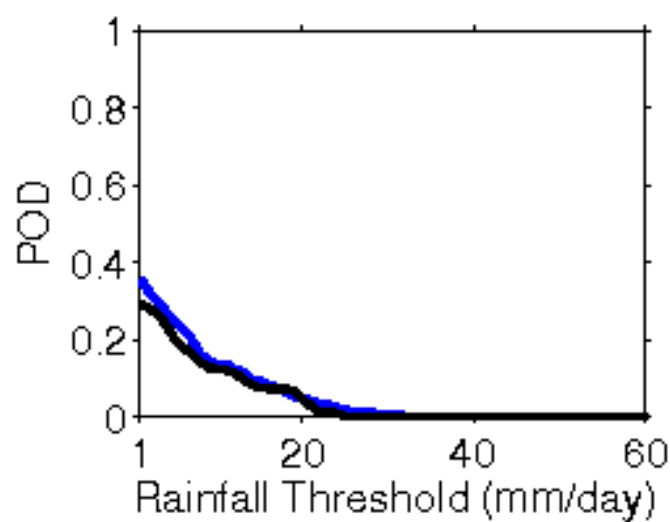
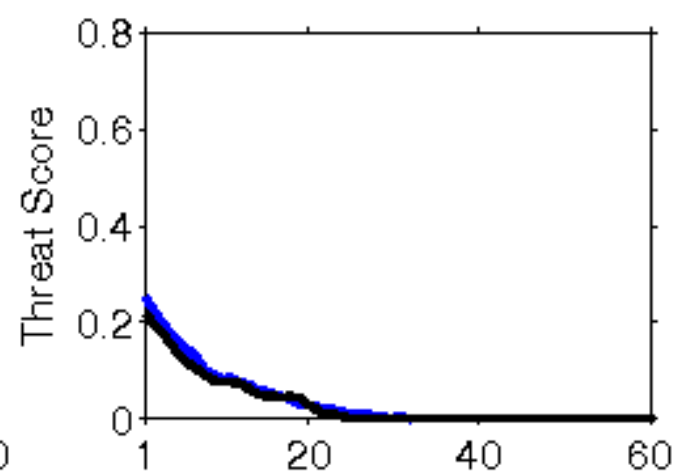
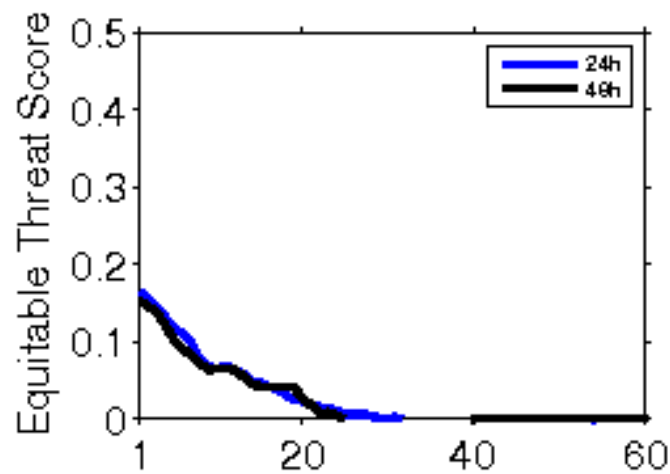


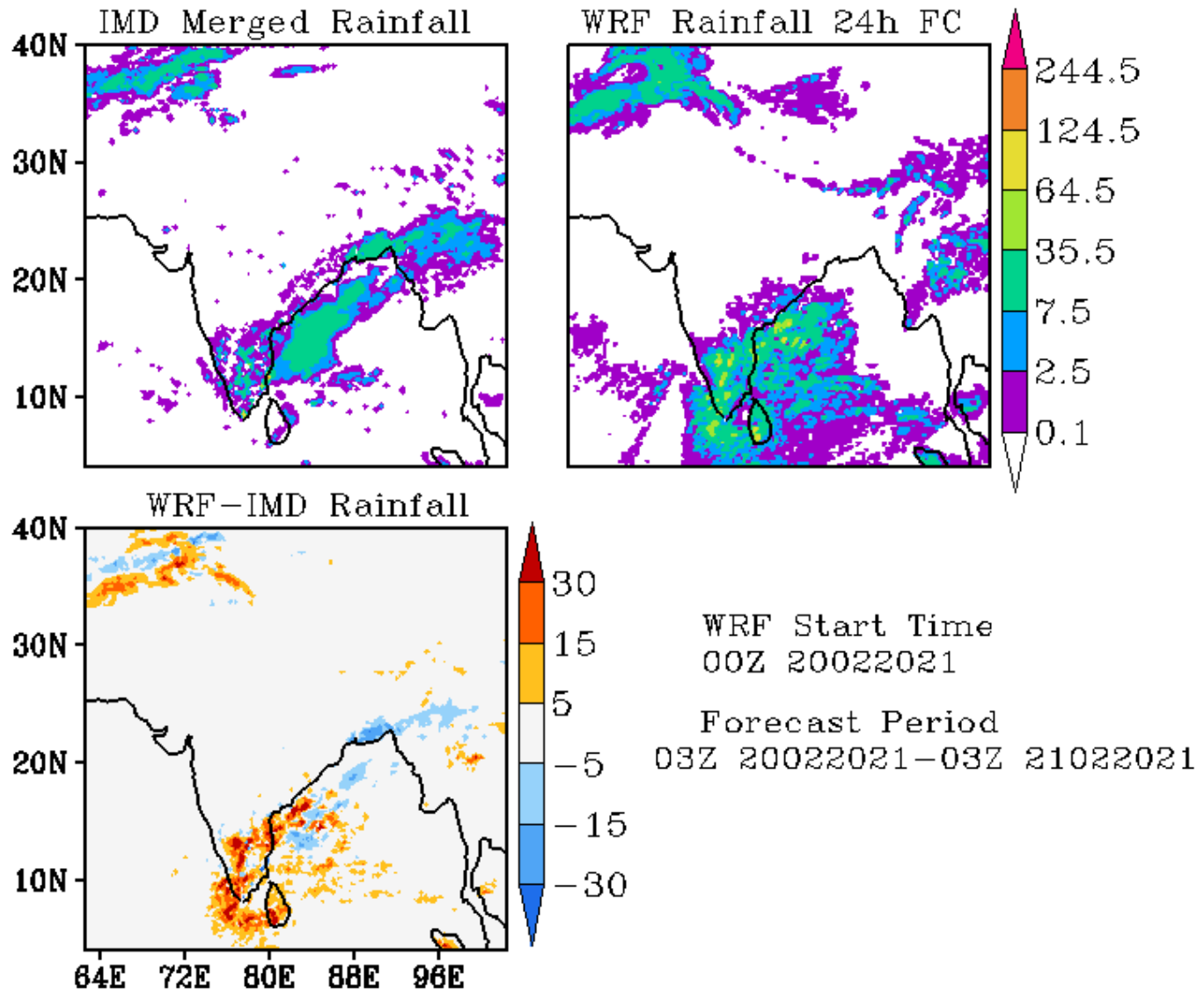


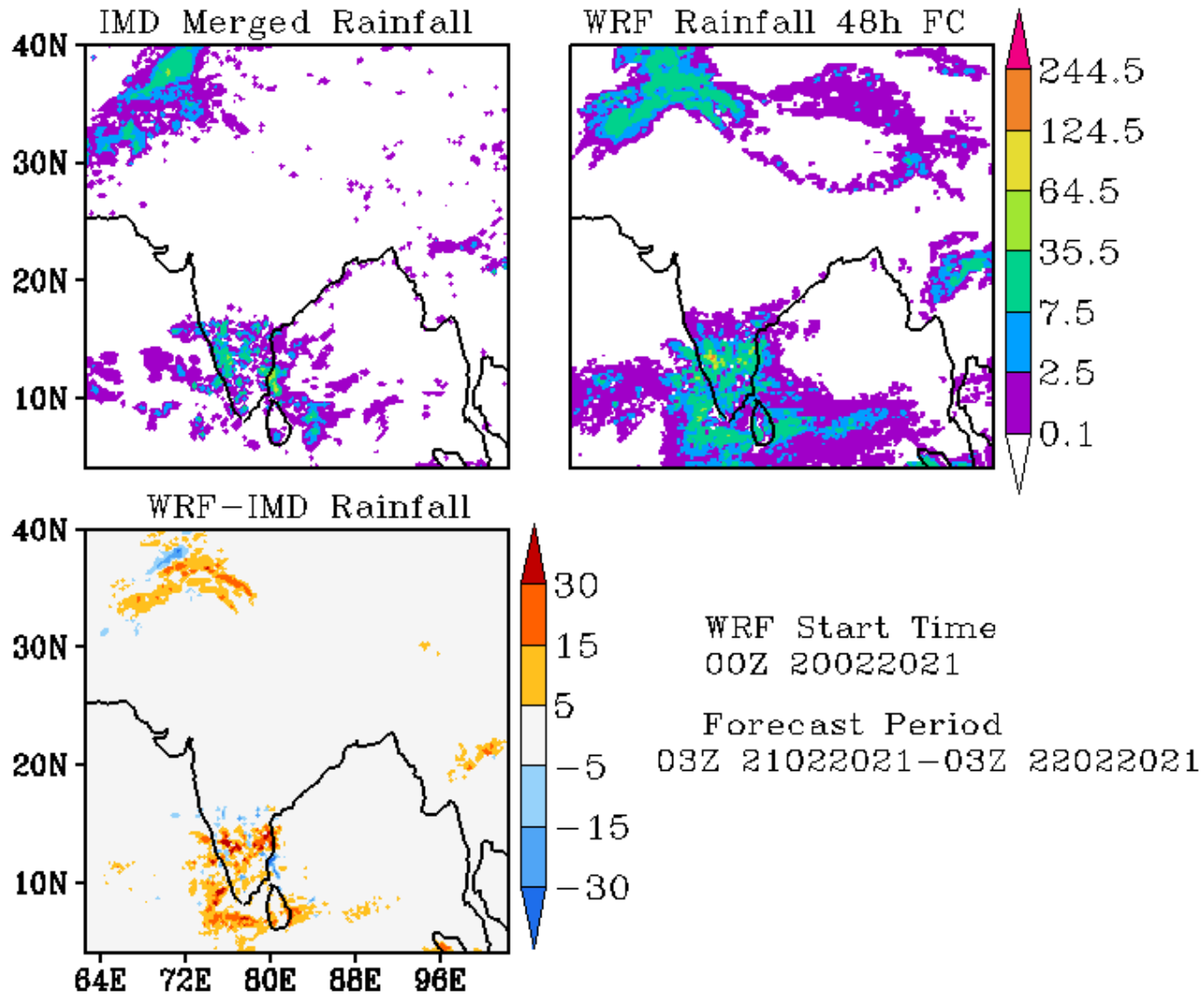


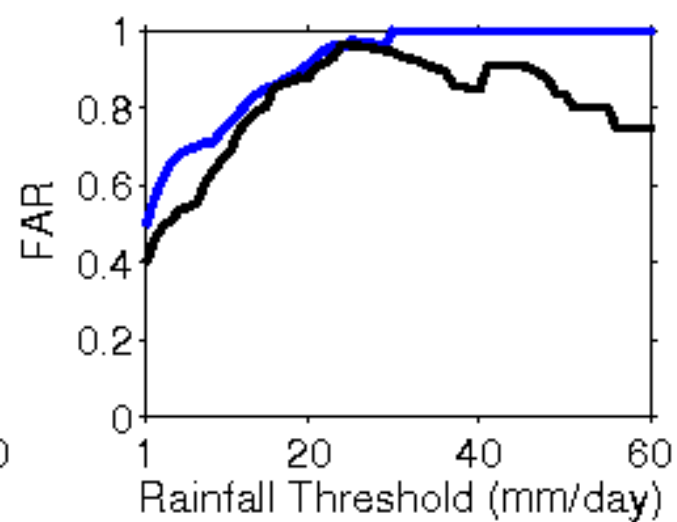
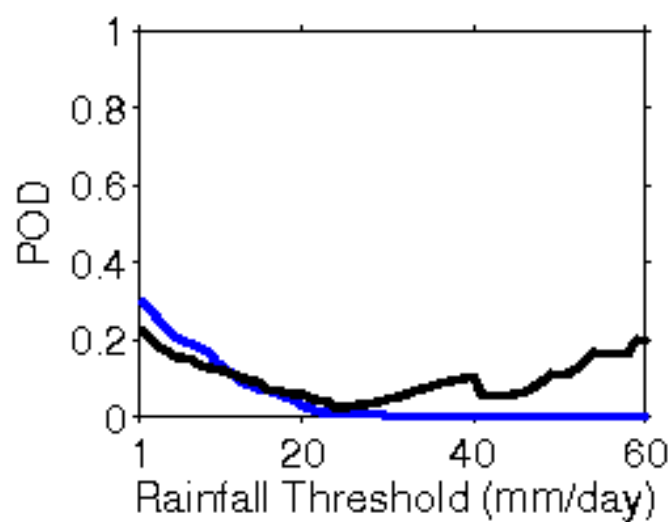
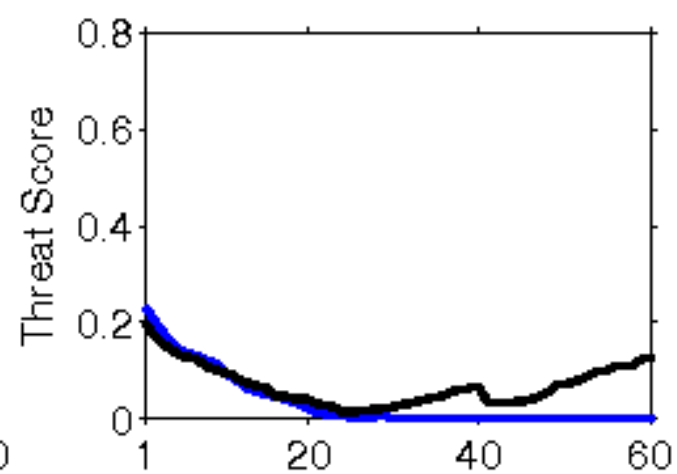
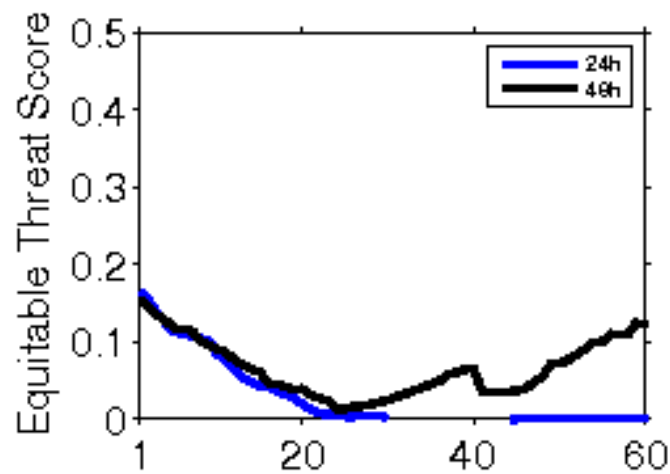


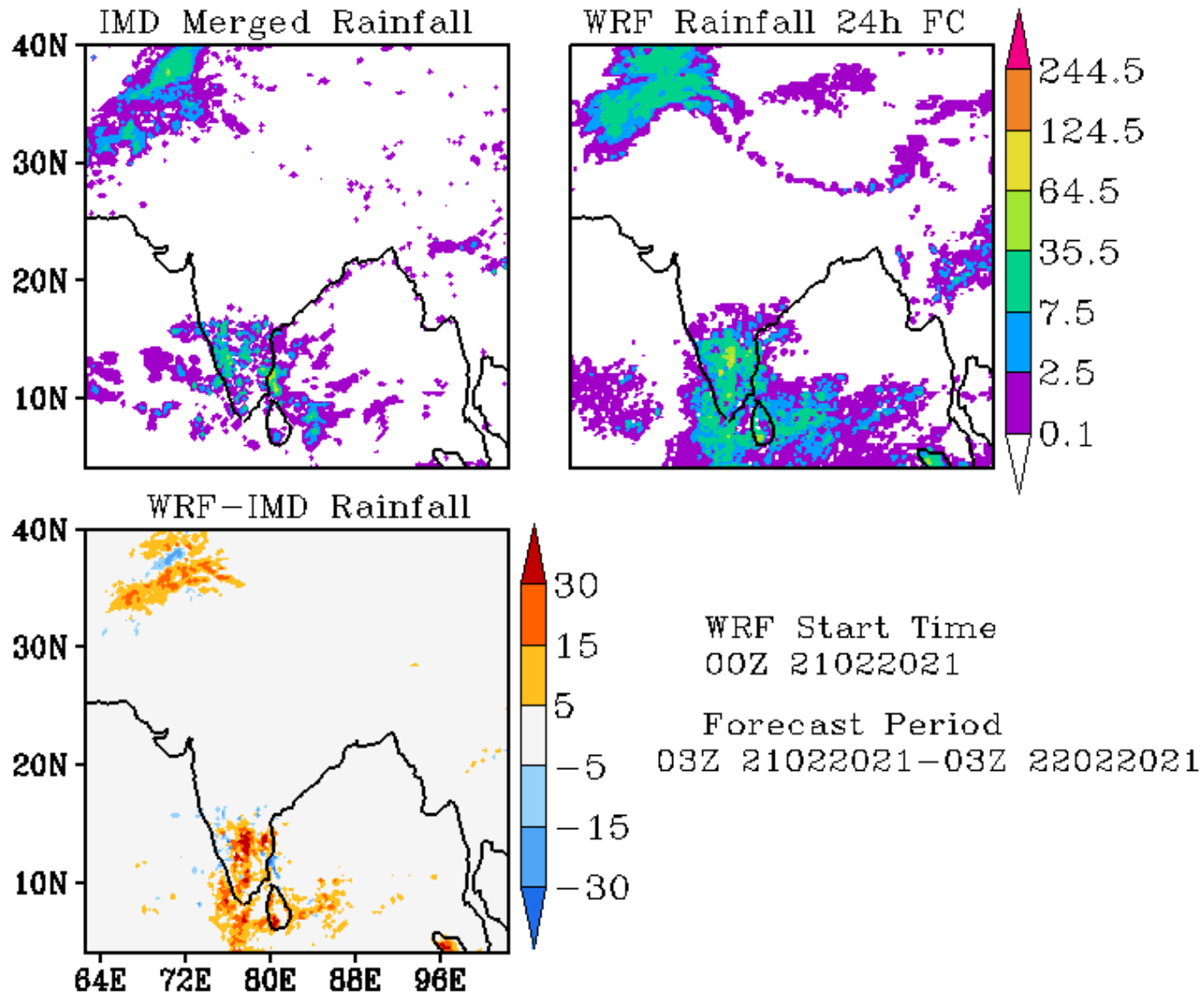


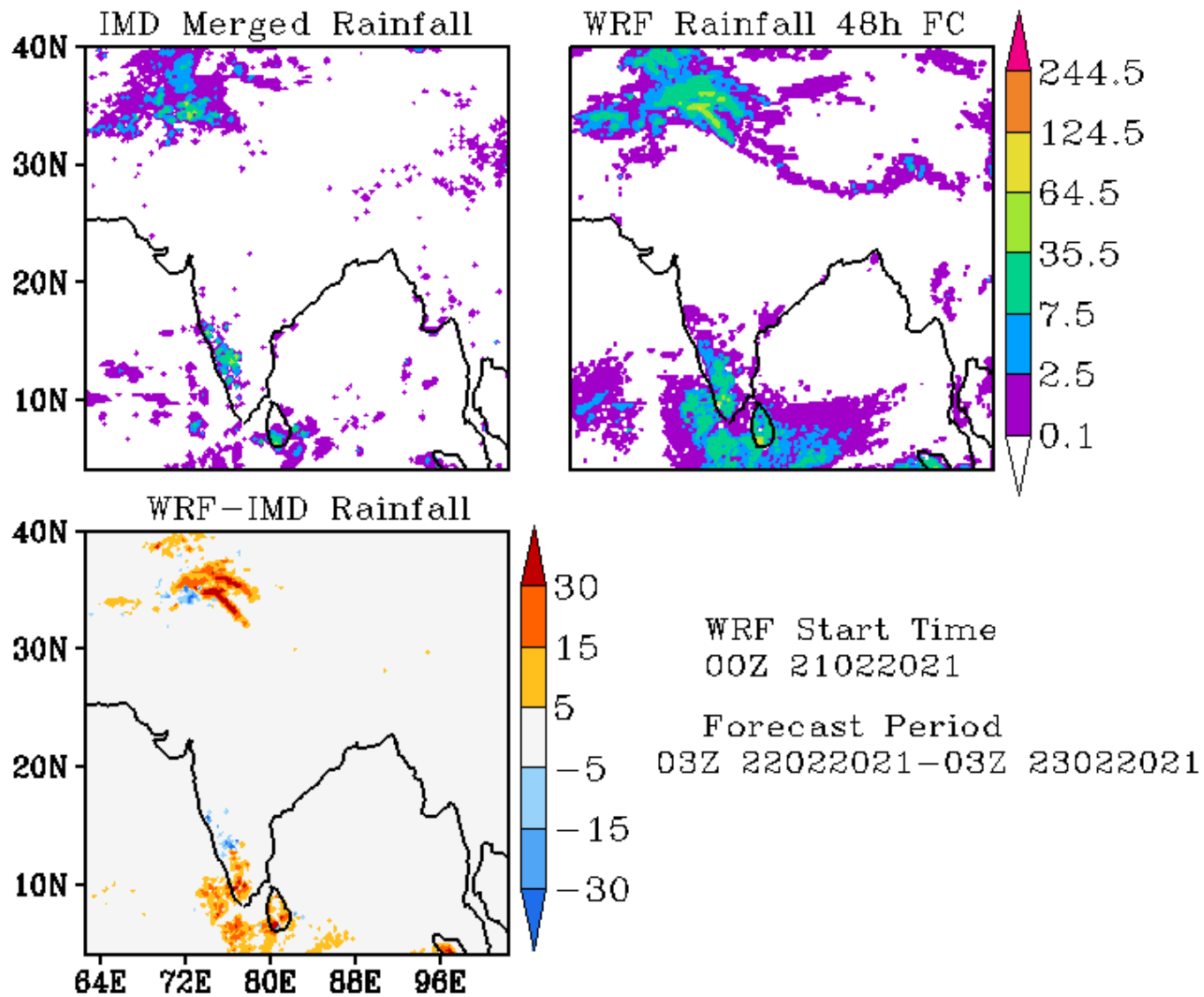


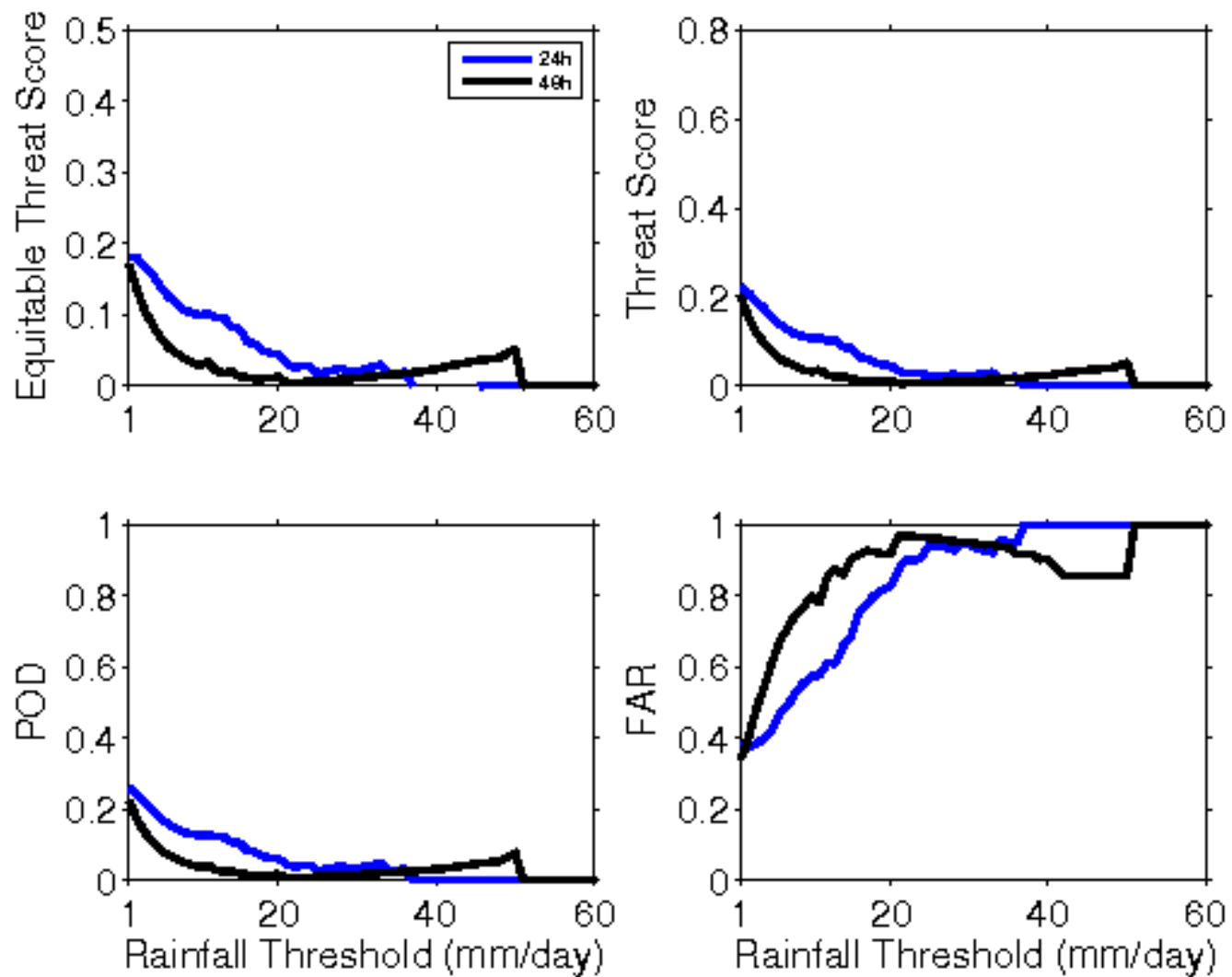


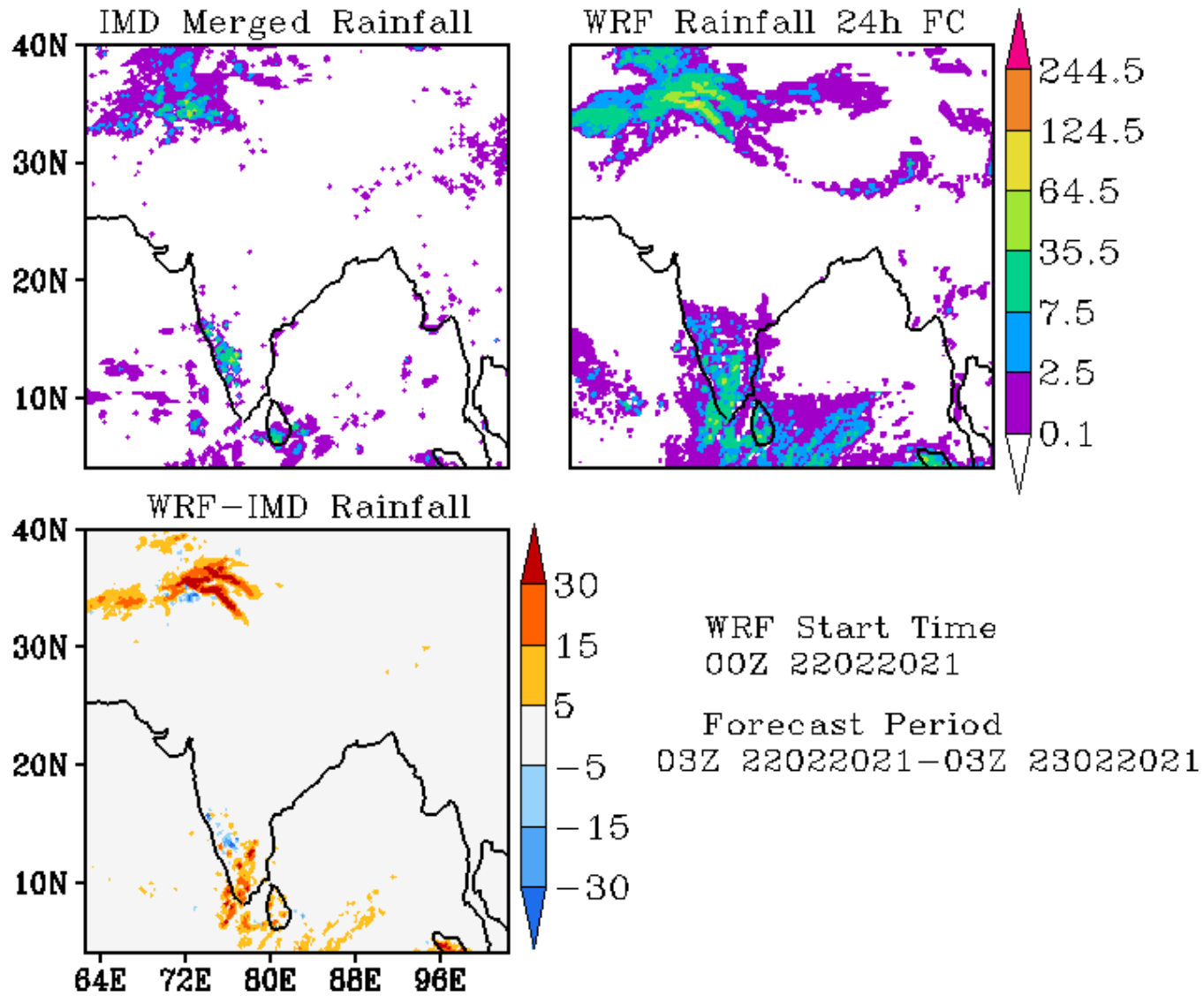


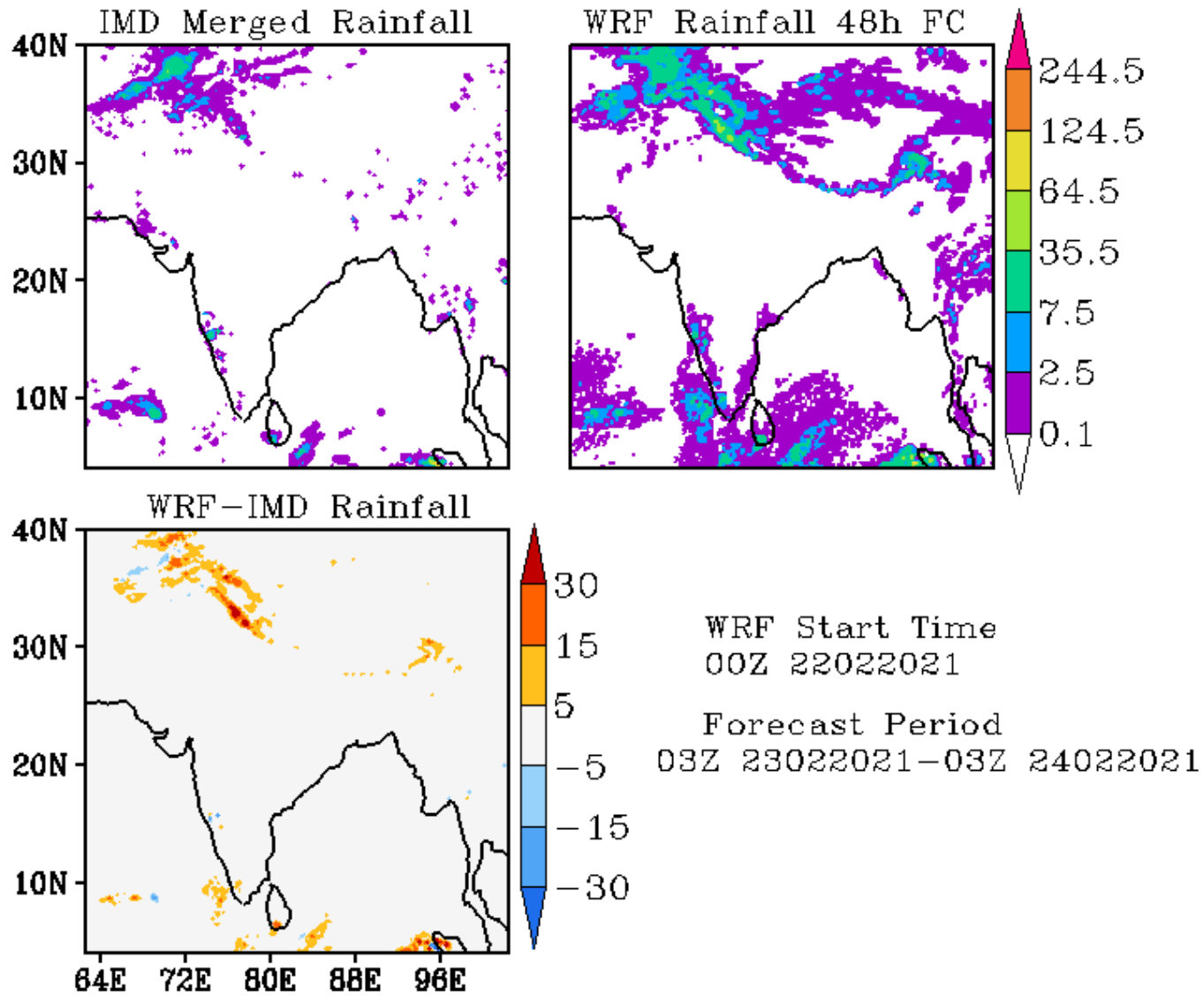


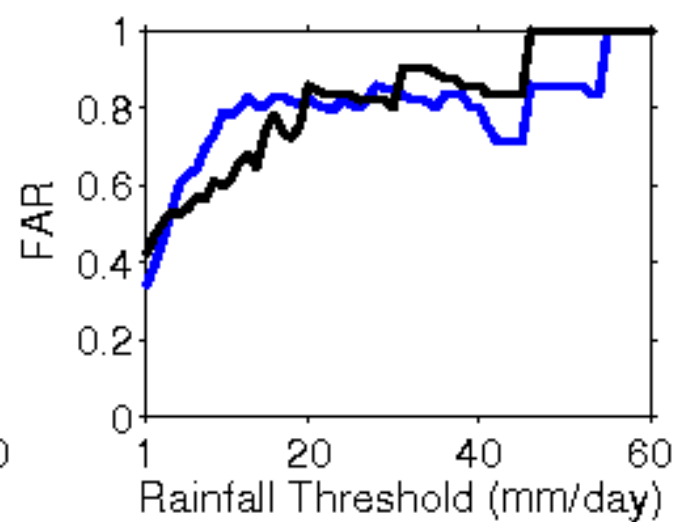
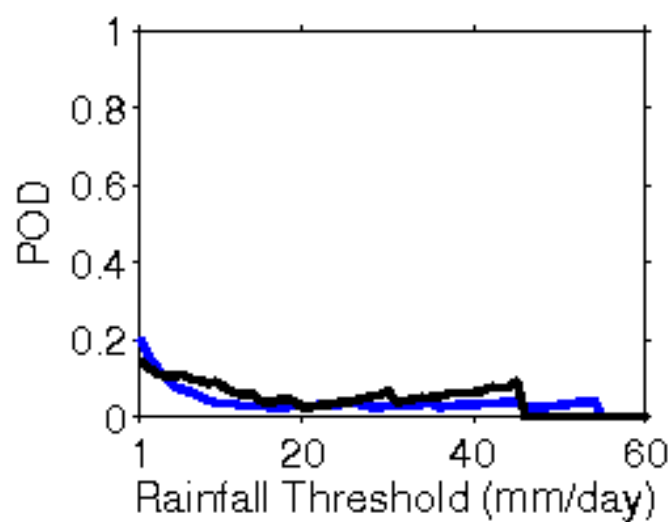
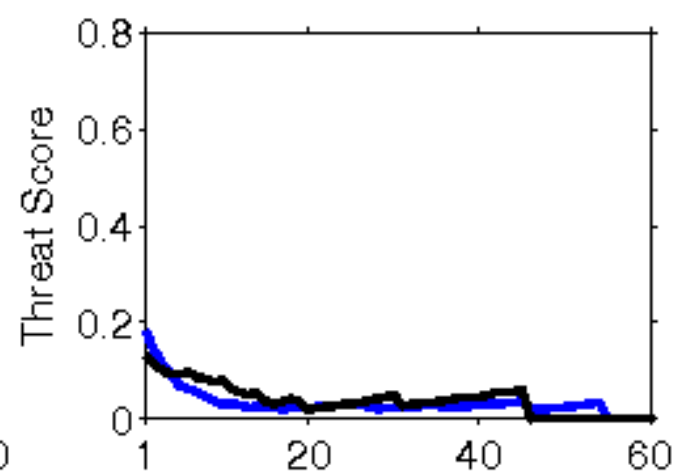
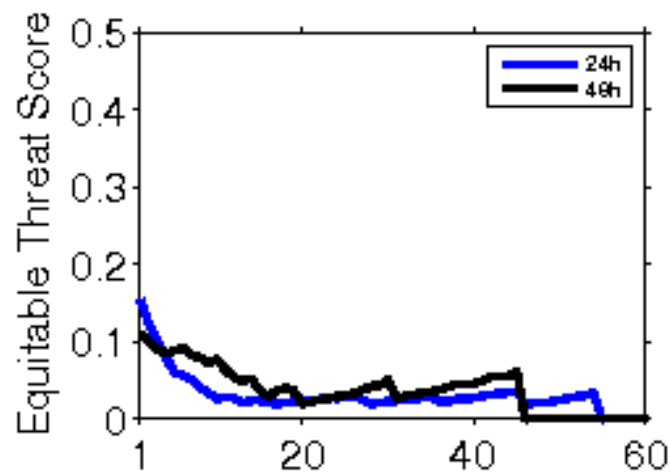


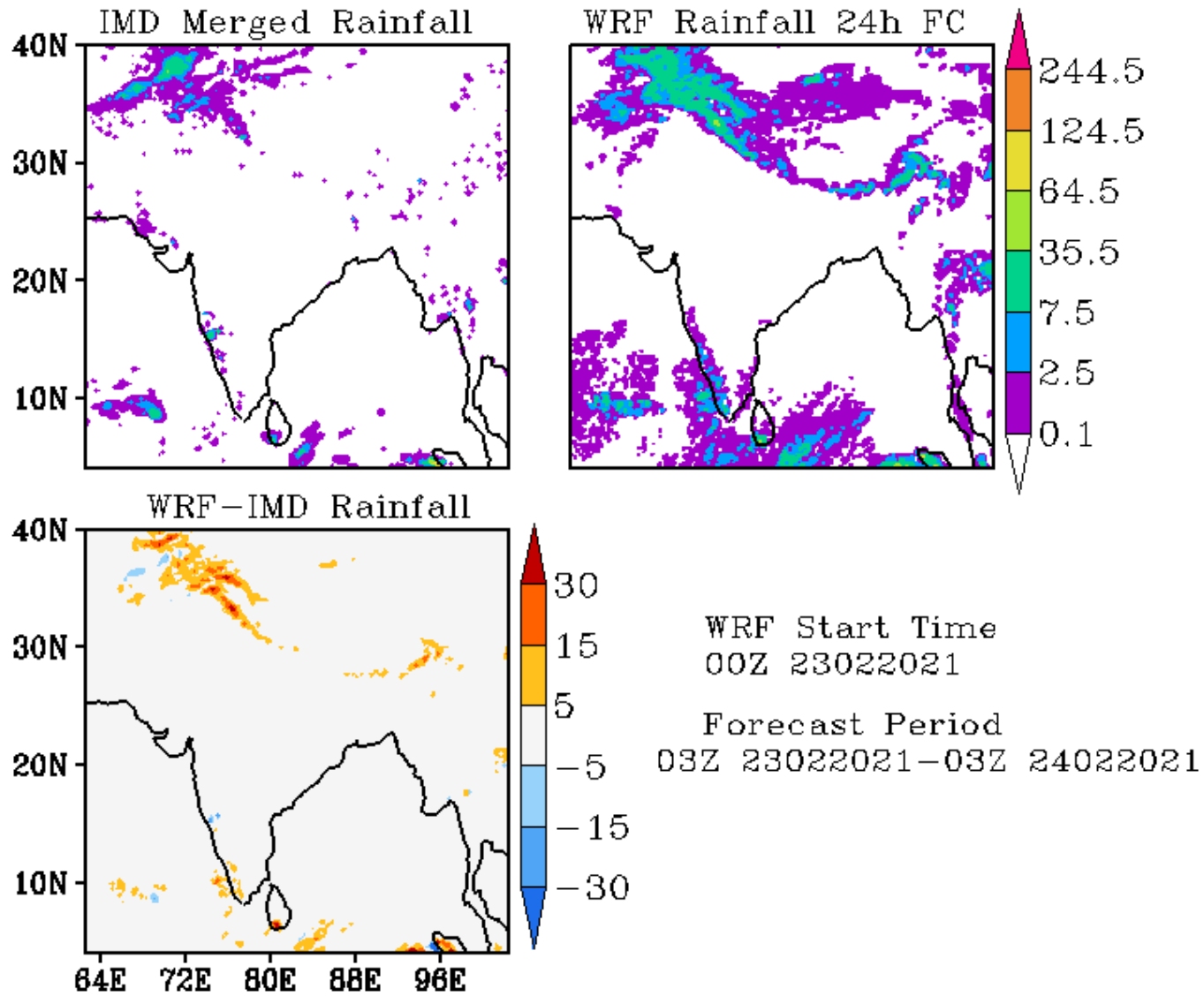


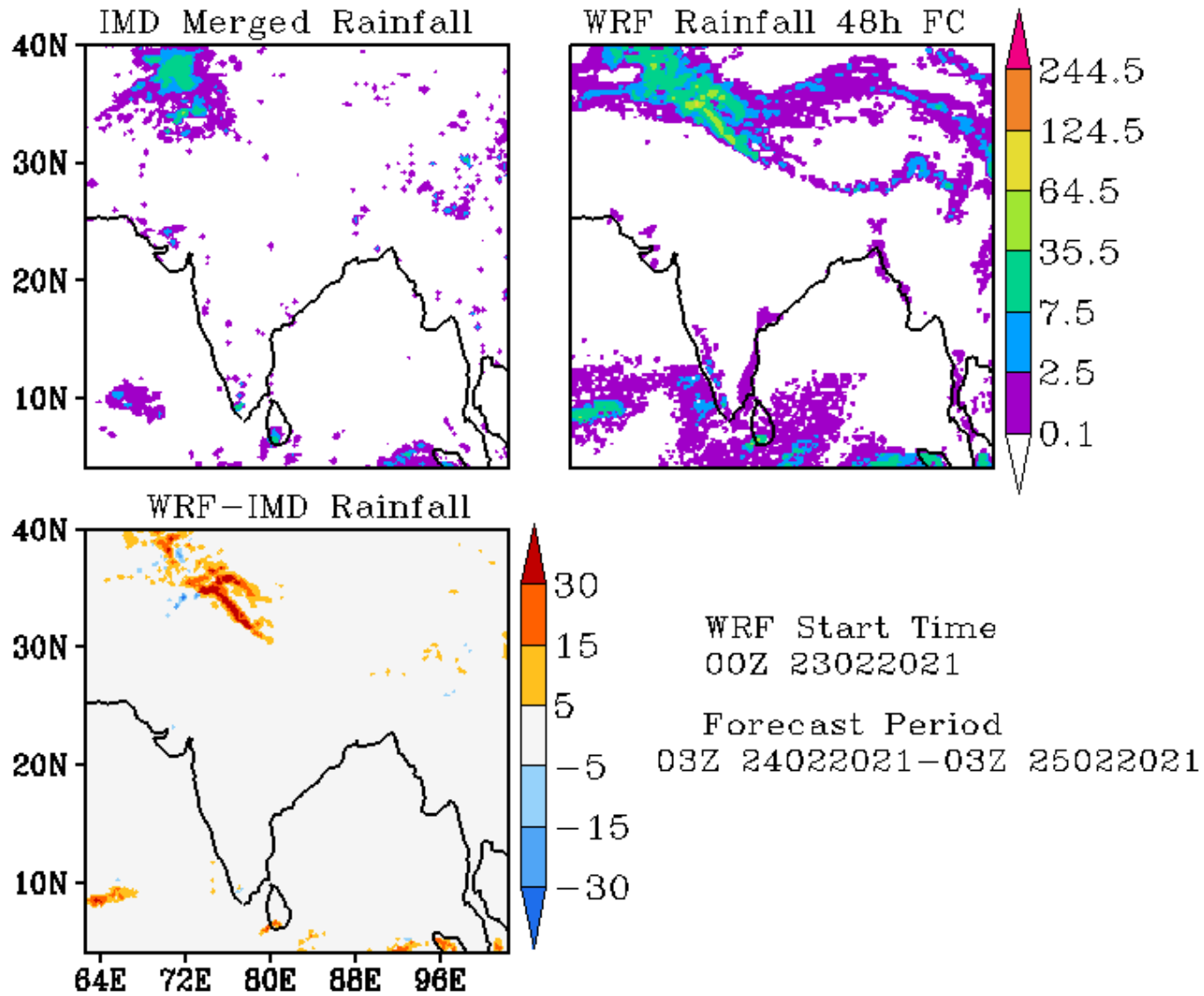


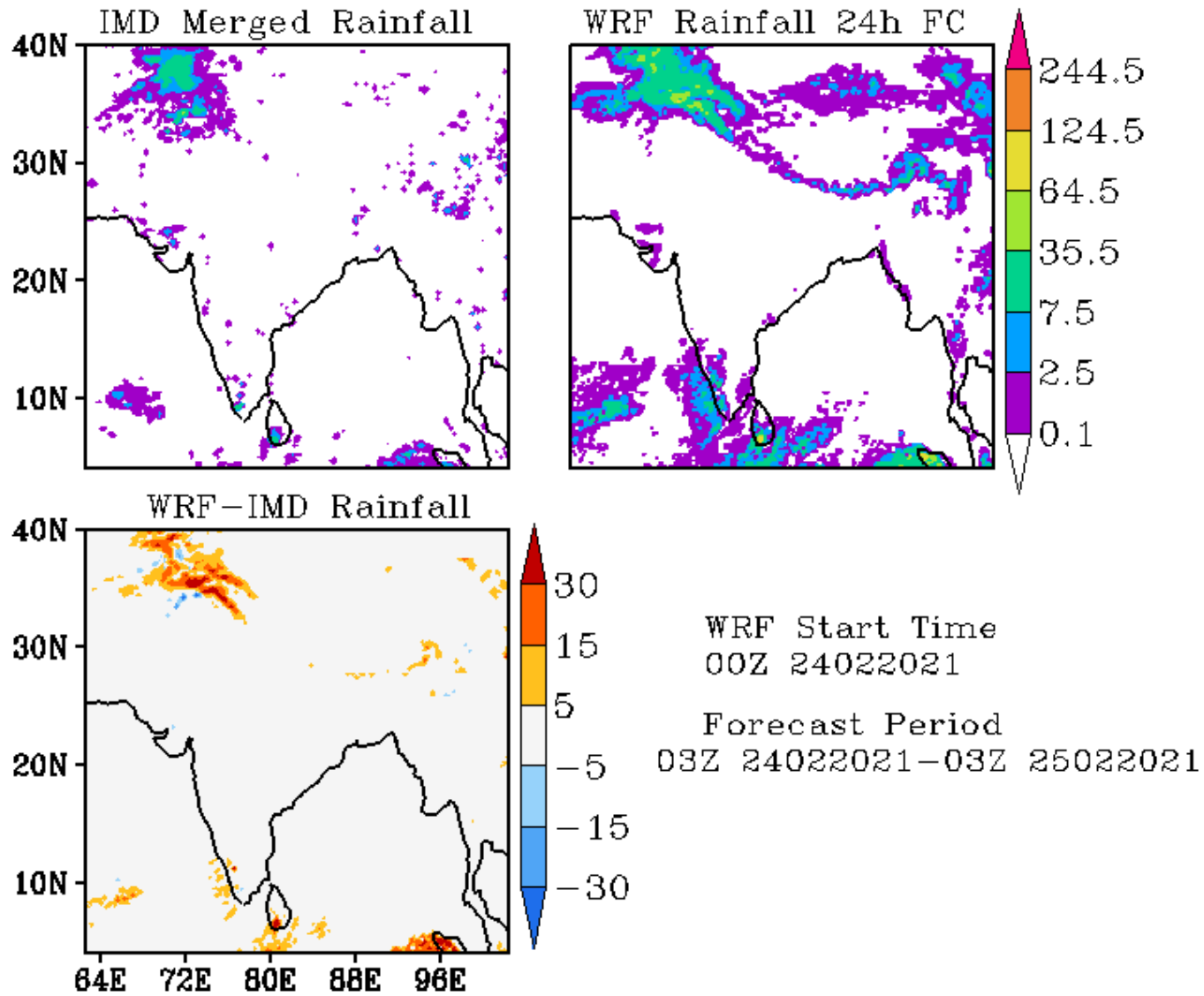


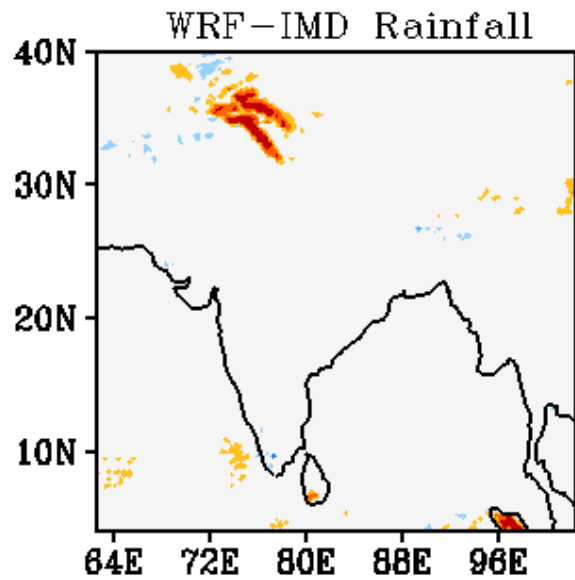
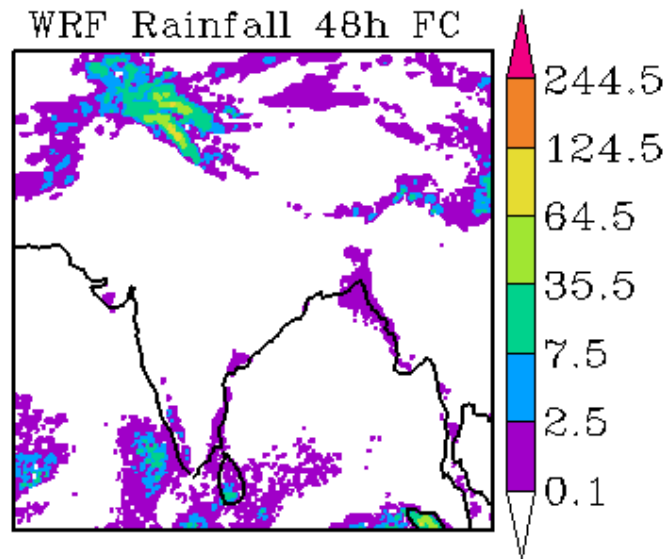
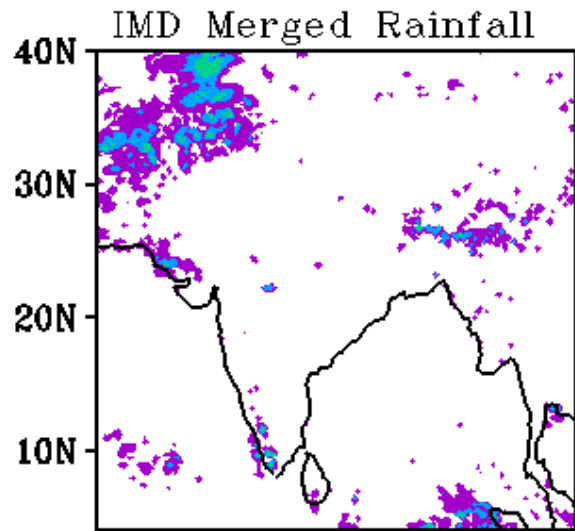






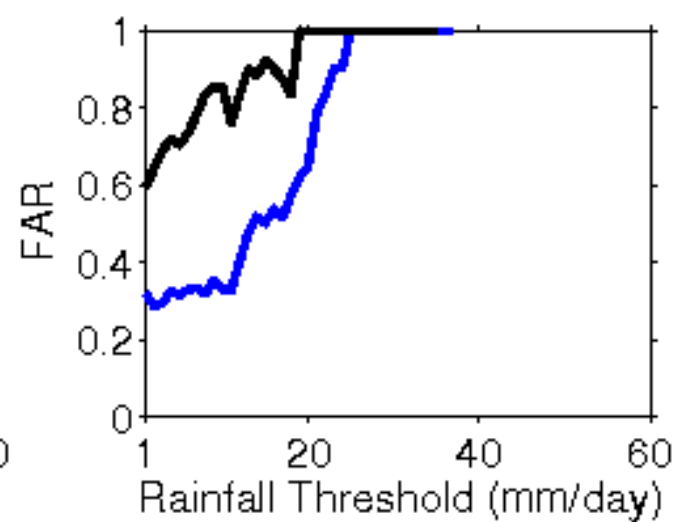
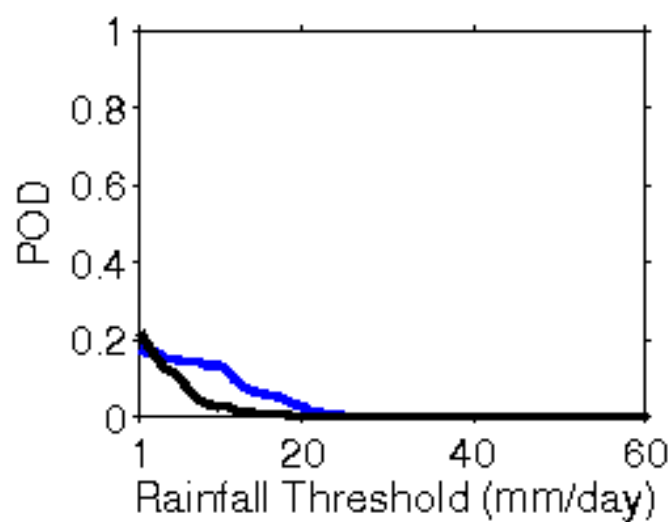
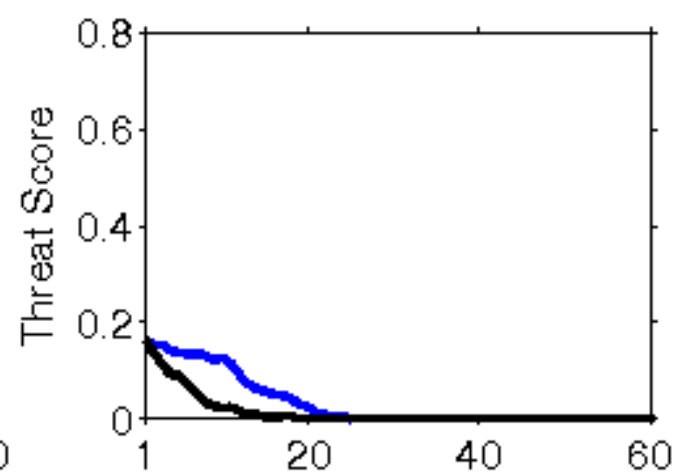
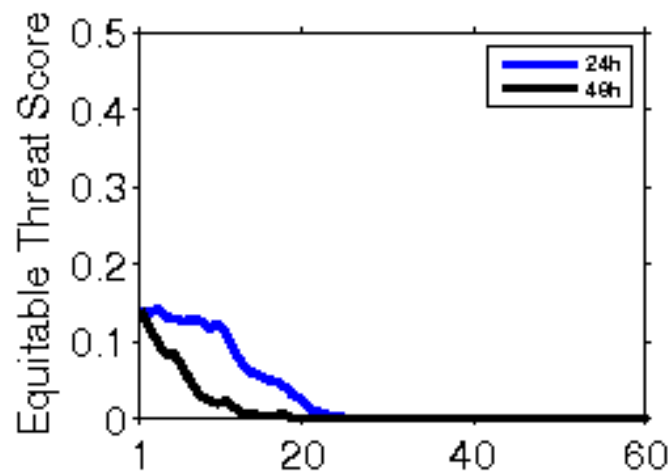


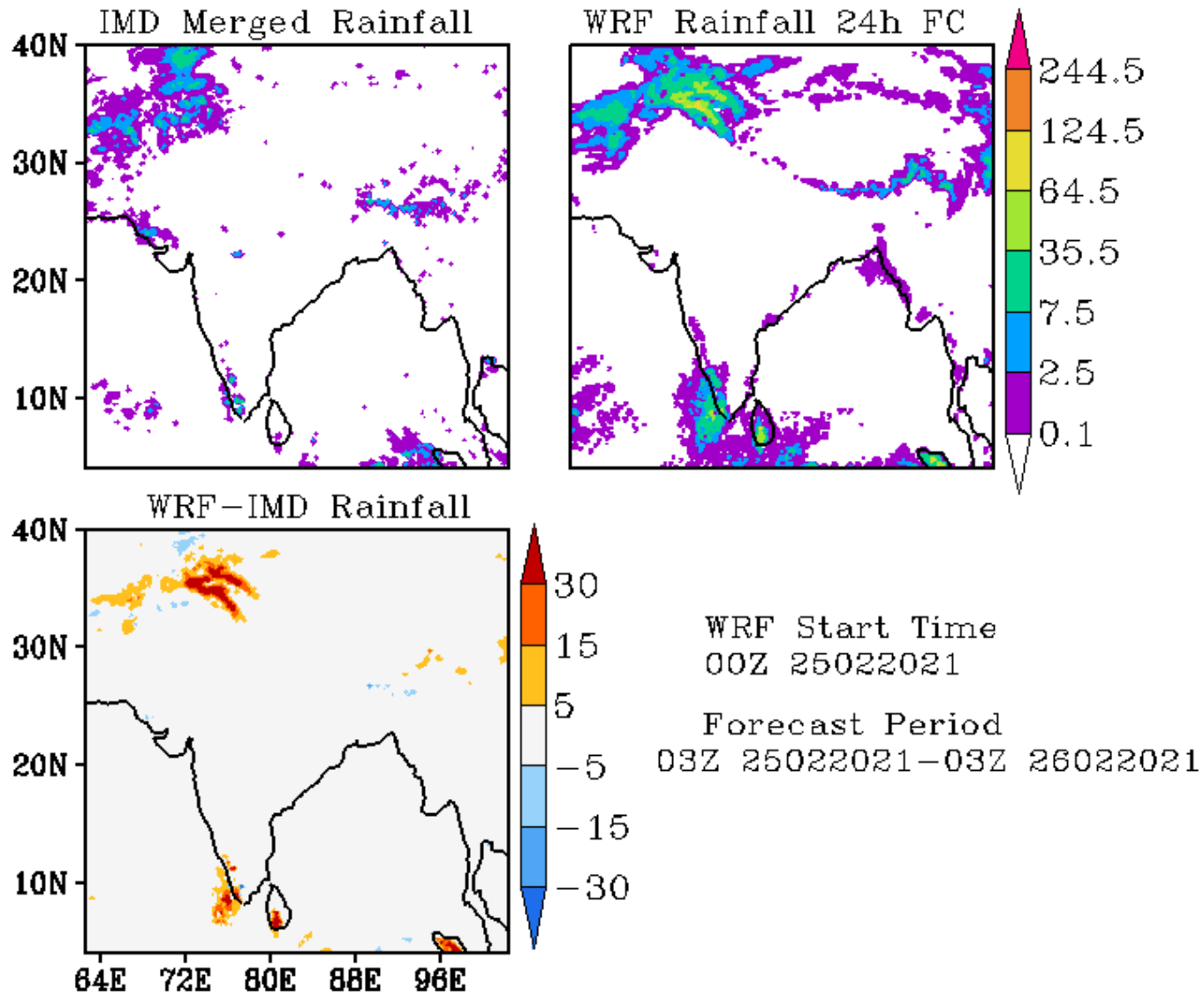


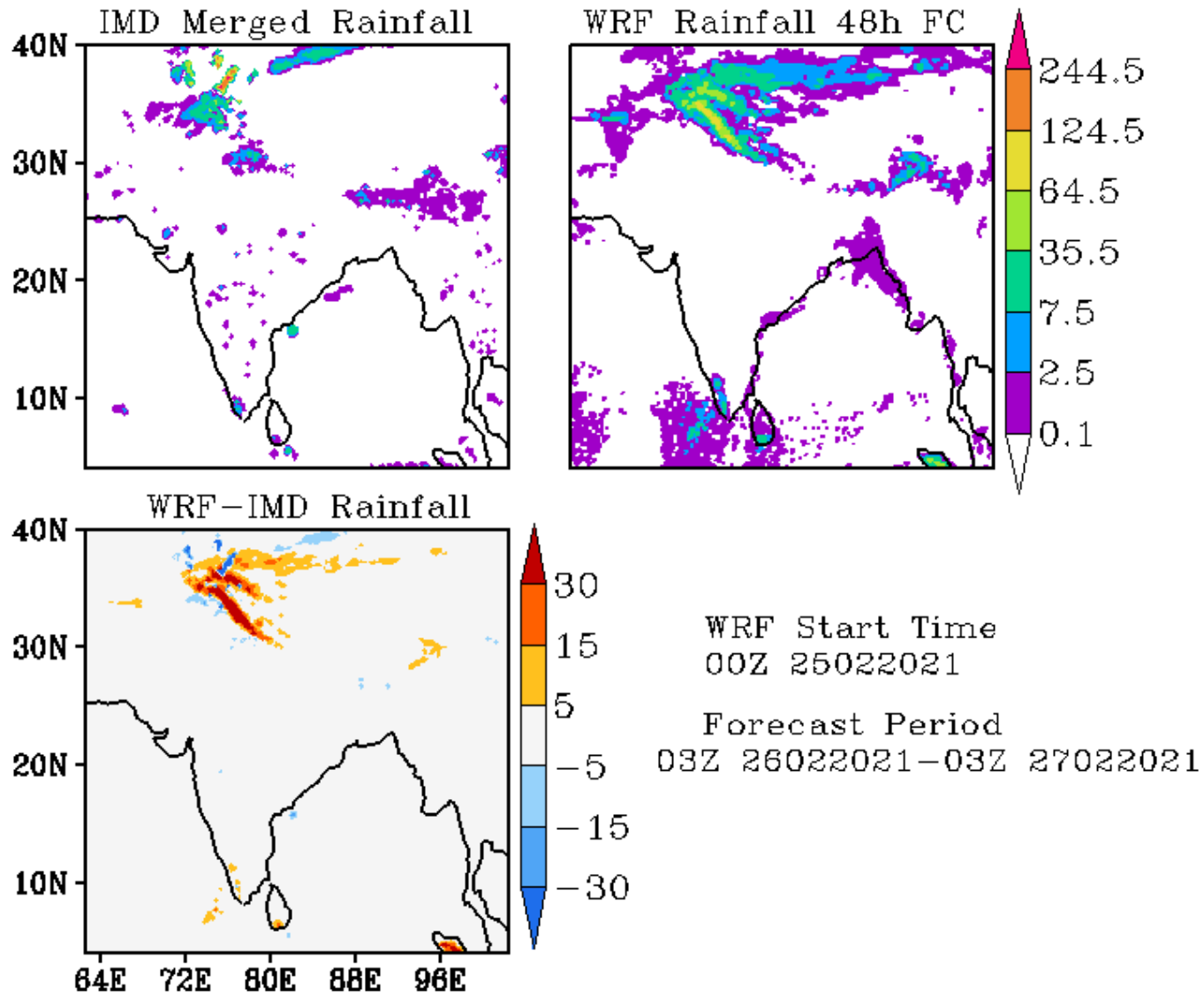


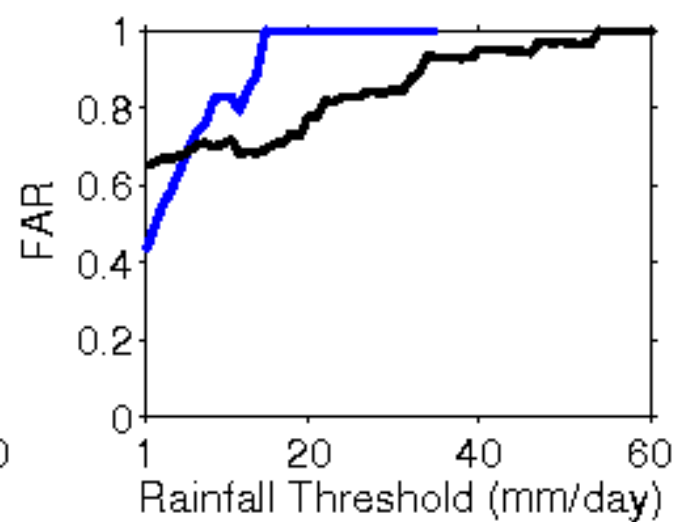
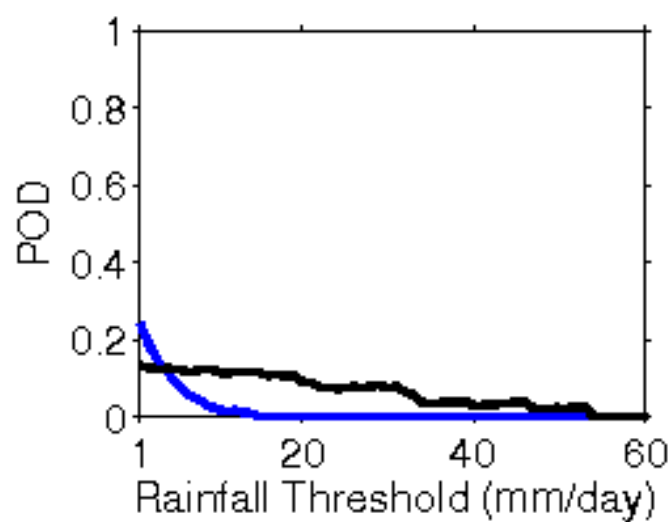
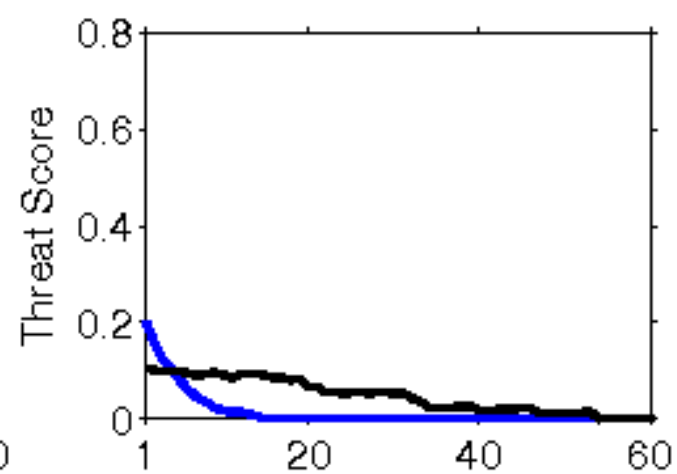
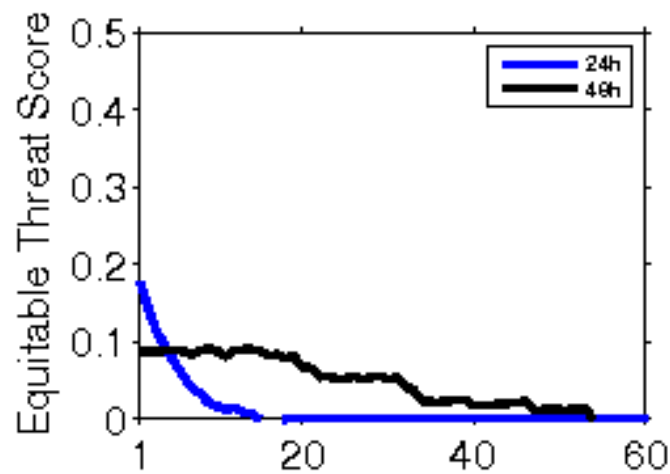
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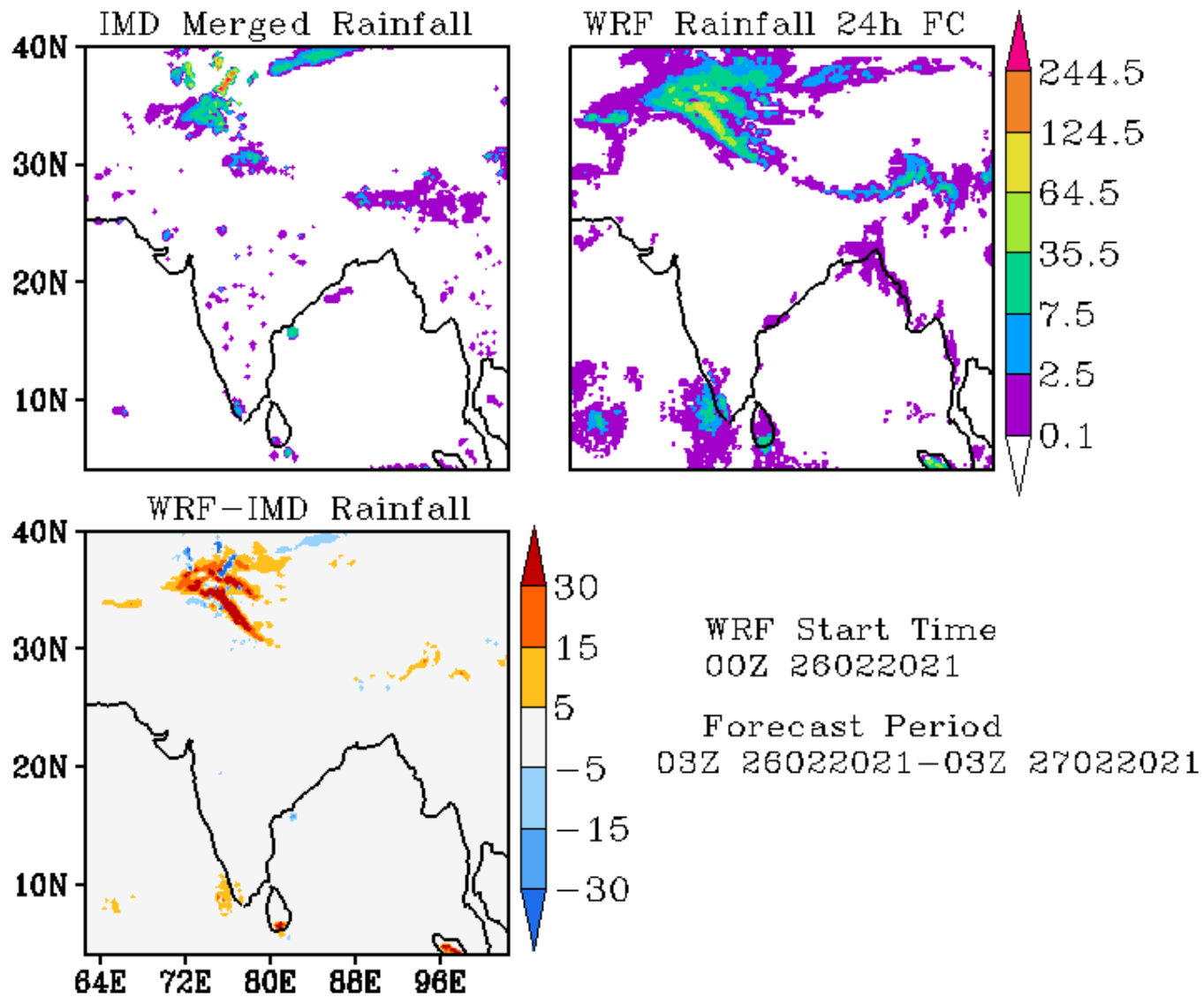
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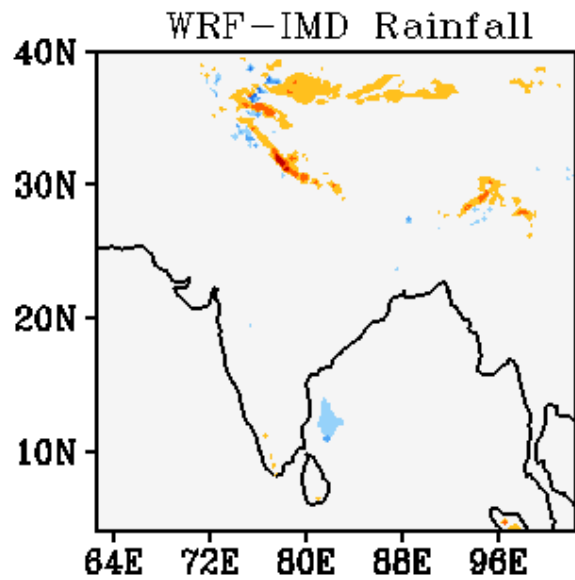
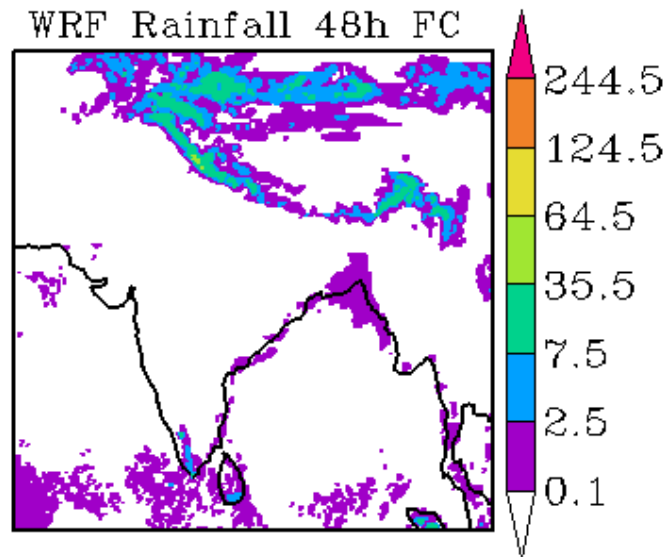
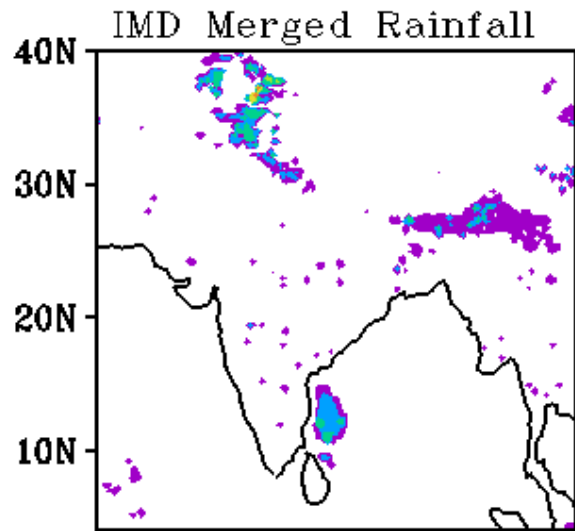






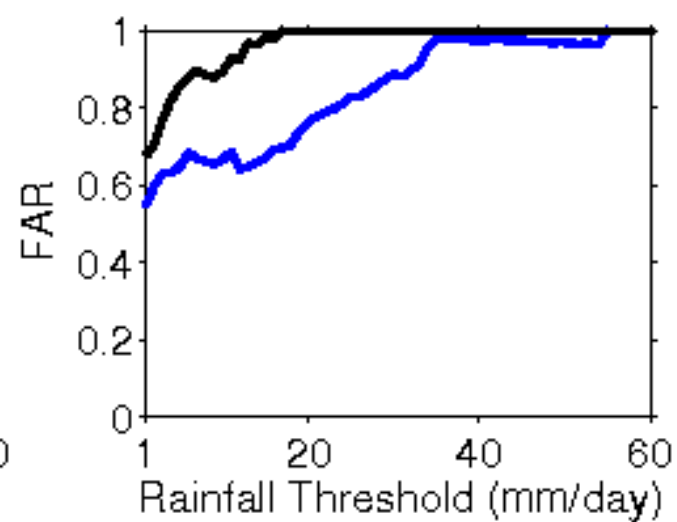
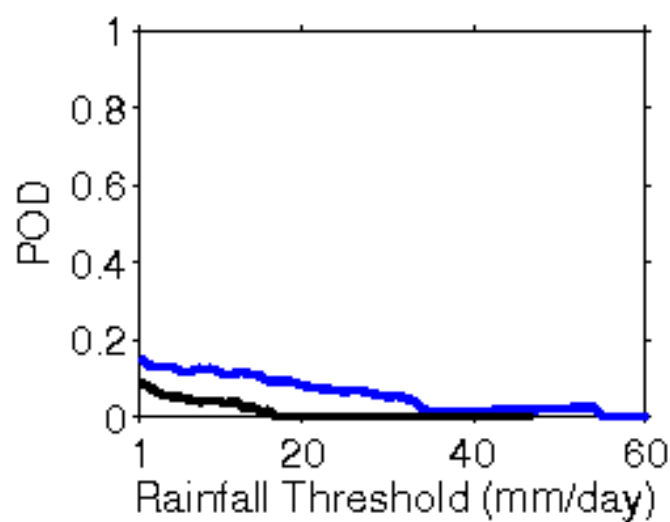
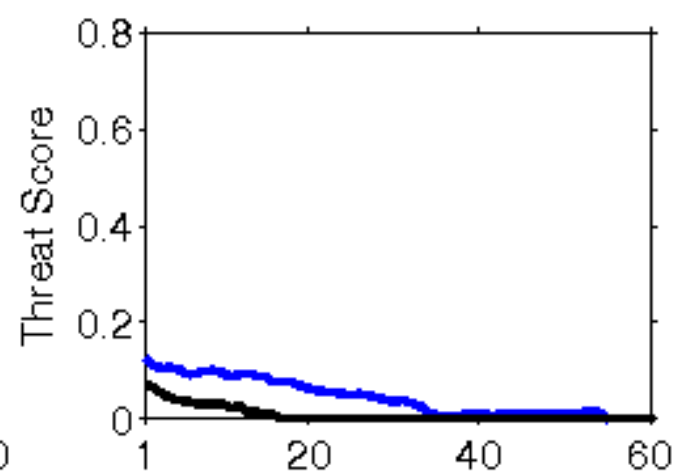
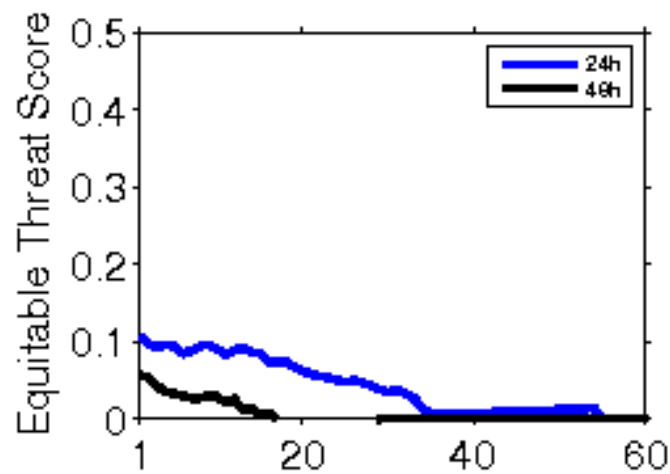


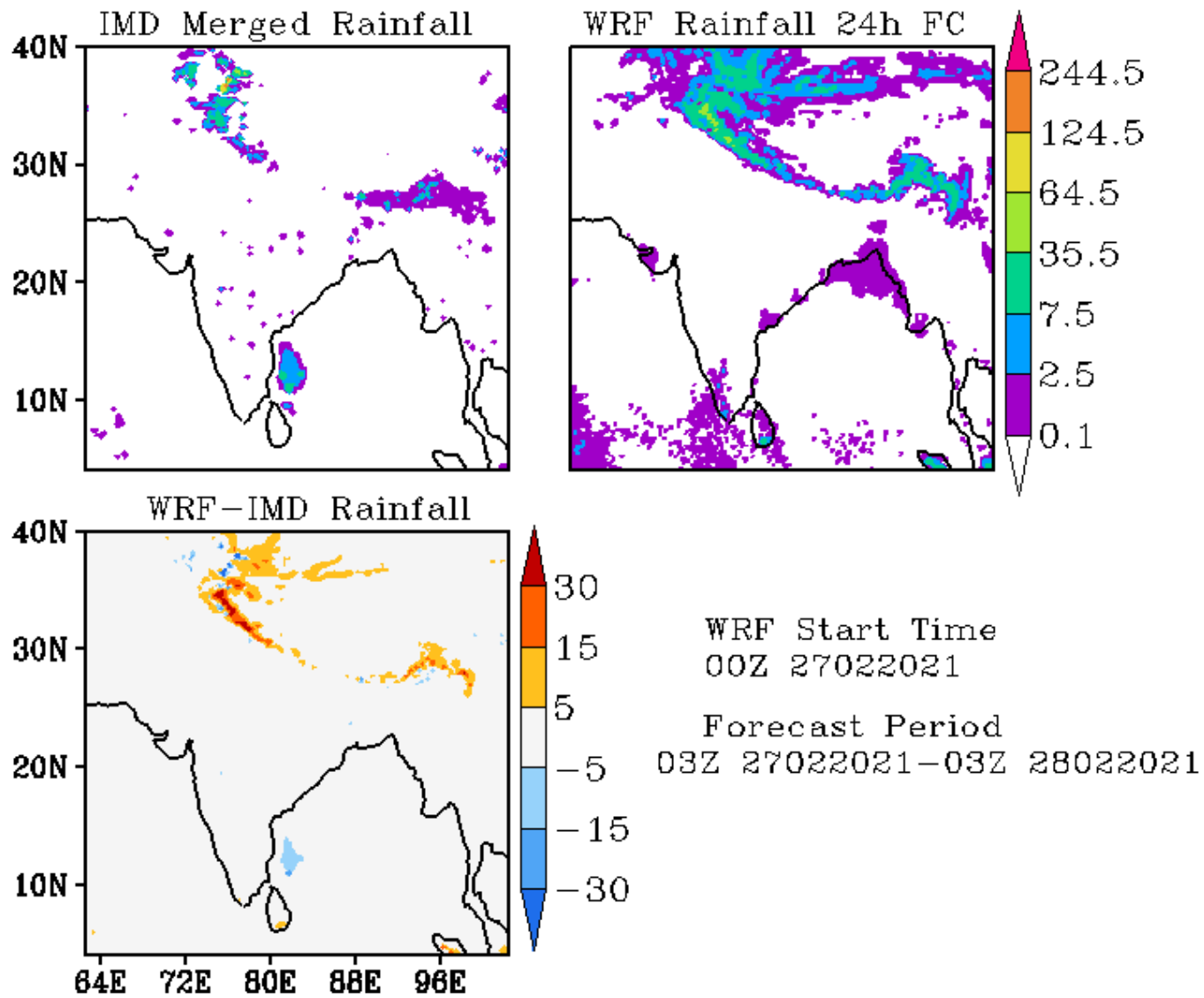


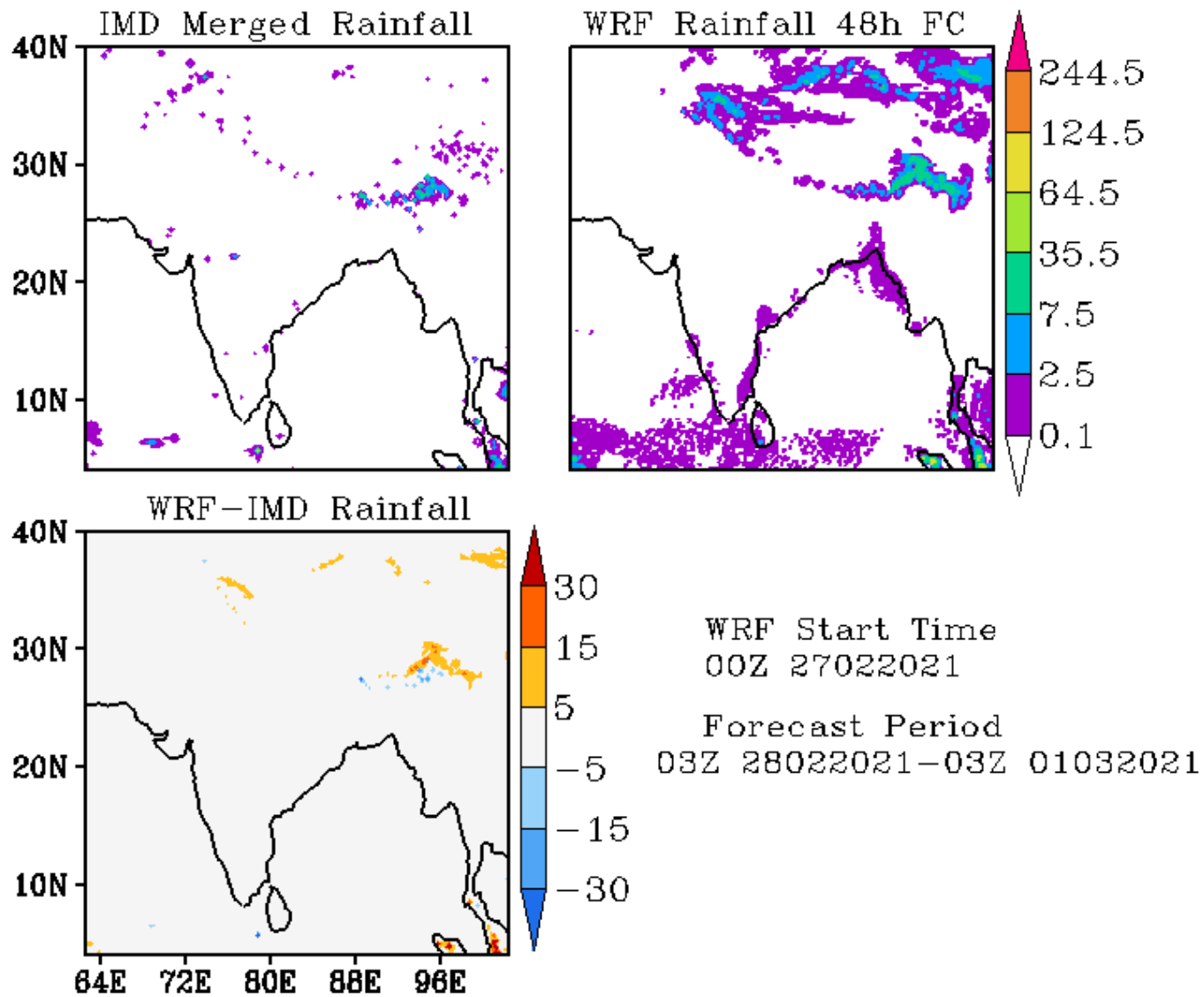


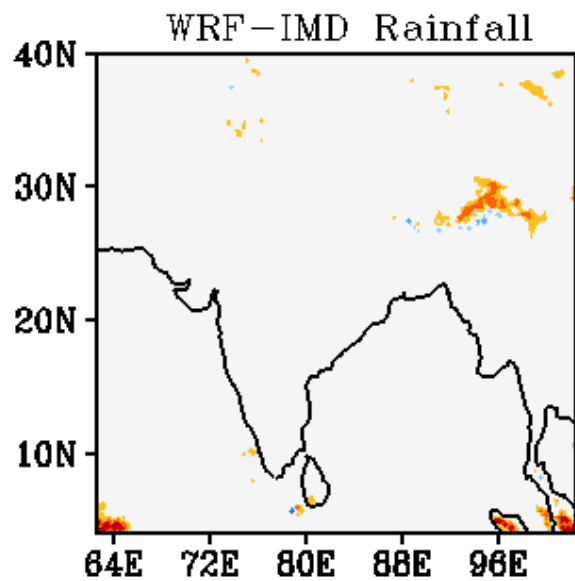
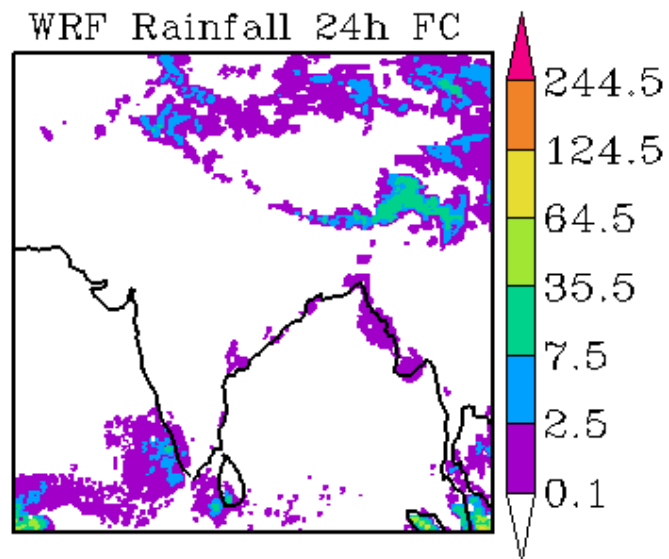
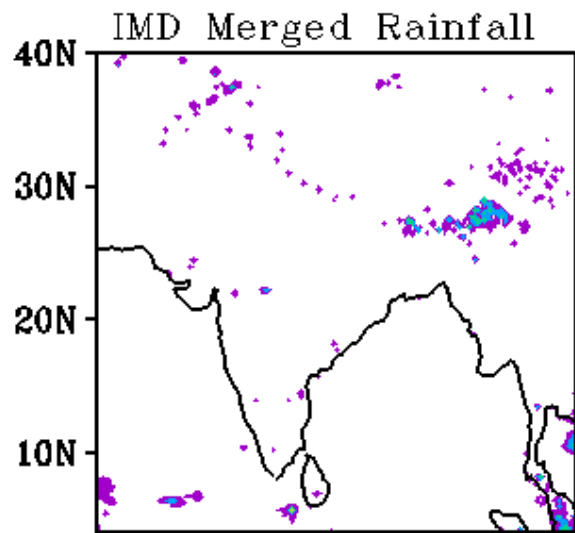
WRF Start Time
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Forecast Period
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WRF Start Time
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