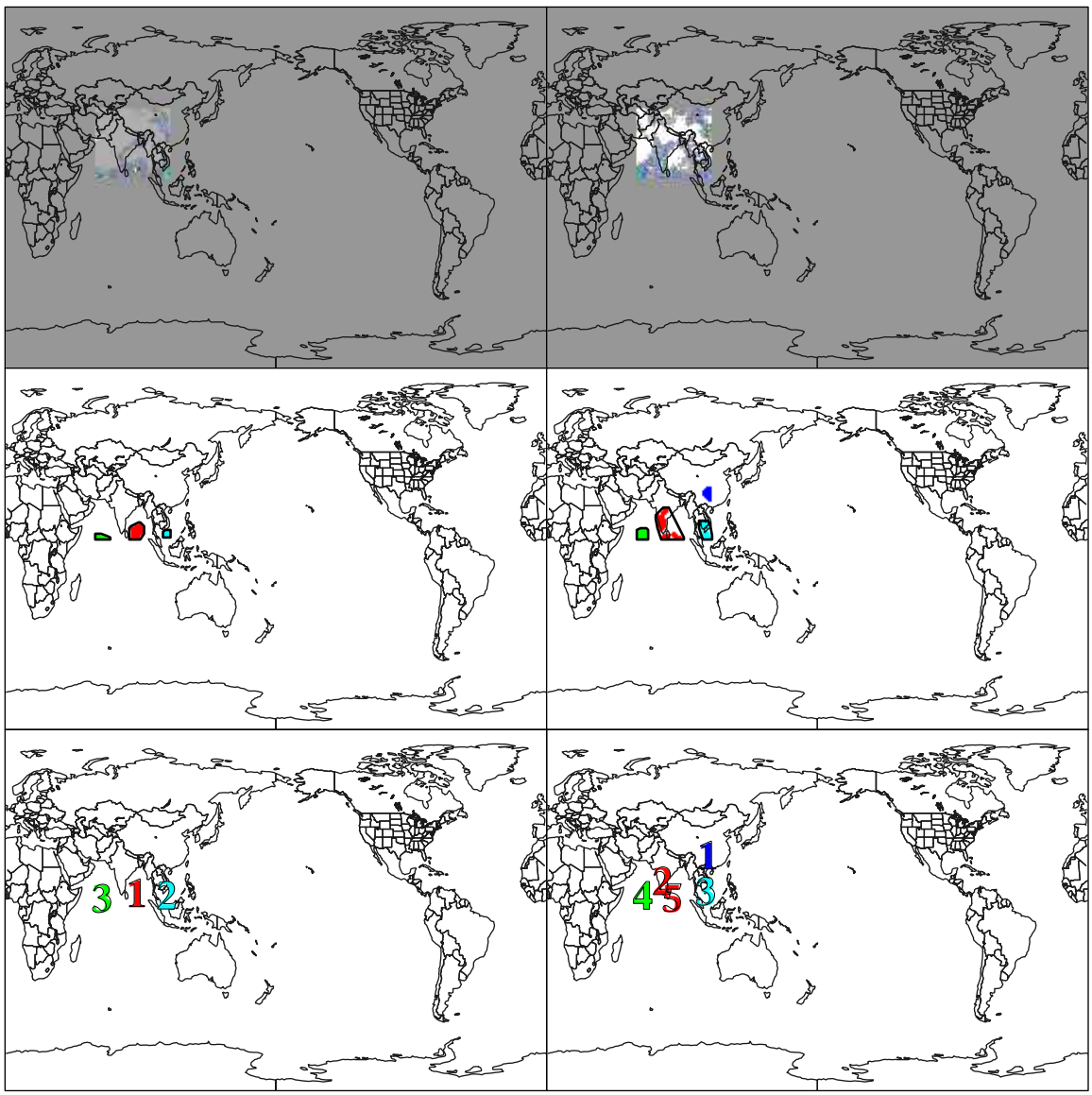
# MODE: PRECT at 20140603_000000,*,* vs precip at 0,*,*

Forecast

Observation



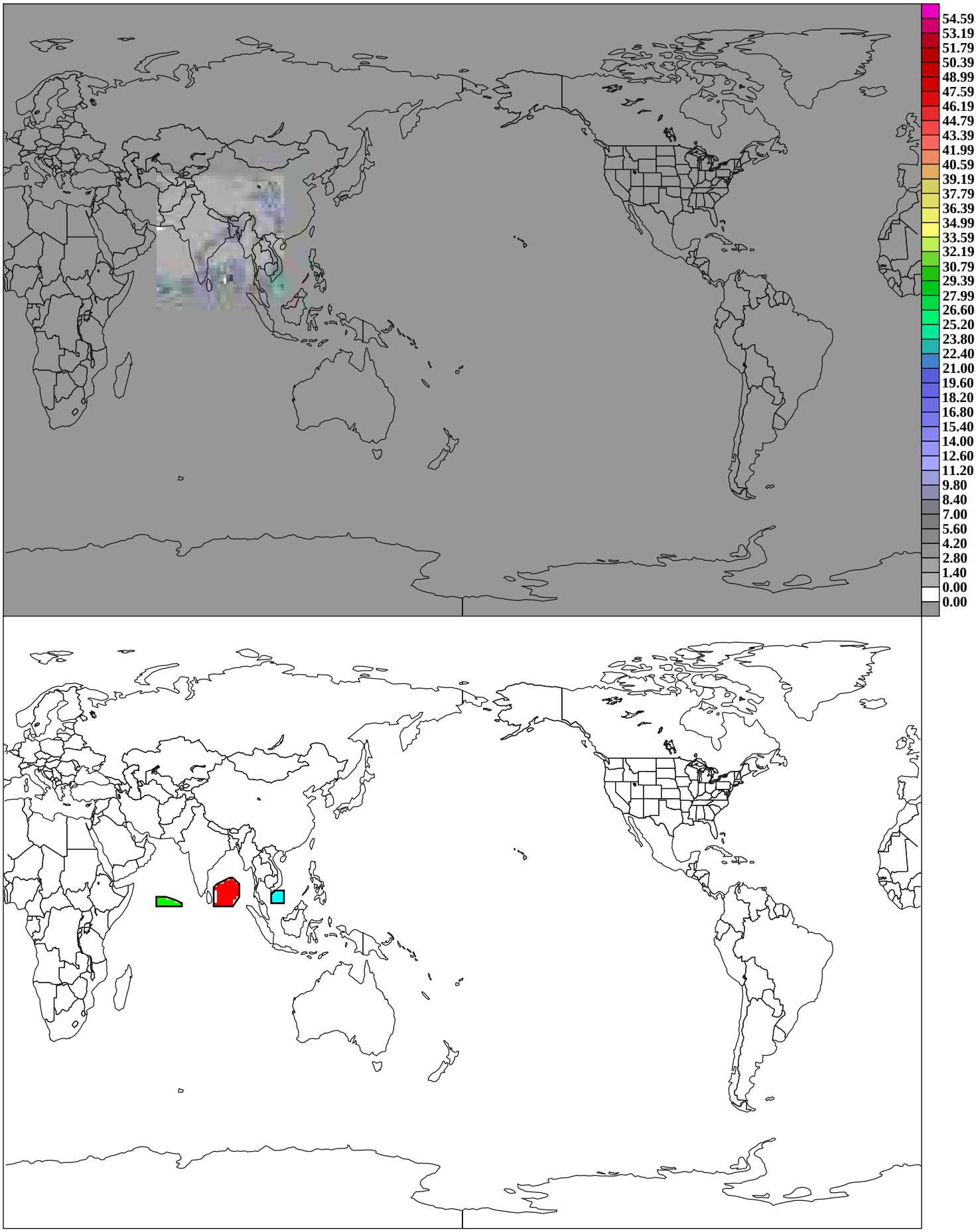

| Fcst | Obs | Interest |
|---|---|---|
| 1 | 5 | 0.8947 |
| 3 | 4 | 0.8828 |
| 2 | 3 | 0.8693 |
| 1 | 2 | 0.7817 |
| 1 | 3 | 0.7651 |
| 3 | 5 | 0.7624 |
| 1 | 4 | 0.7435 |
| 1 | 1 | 0.7416 |
| 2 | 4 | 0.6993 |
| 2 | 1 | 0.6957 |
| 3 | 3 | 0.6567 |
| 3 | 1 | 0.6558 |
| 2 | 5 | 0.6539 |
| 3 | 2 | 0.6431 |
| 2 | 2 | 0.6326 |

| | Forecast | Observation |
|---|---|---|
| **Model** | CESM | |
| **Field** | PRECT | precip |
| **Level** | 20140603_000000,*,* | 0,*,* |
| **Units** | m/s | mm/day |
| **Initial** | 2014 06 03 00:00:00 | 2014 06 02 00:00:00 |
| **Valid** | 2014 06 03 00:00:00 | 2014 06 02 00:00:00 |
| **Accum** | 00:00:00 | 00:00:00 |

| | | |
|---|---|---|
| **Centroid/Boundary** | 2.00 | 4.00 |
| **Convex Hull/Angle** | 0.00 | 1.00 |
| **Aspect/Area** | 1.00 | 1.00 |
| **Int Area/Curvature** | 2.00 | 0.00 |
| **Complexity/Intensity** | 0.00 | 0.00 |
| **Total Interest Thresh** | 0.70 | |

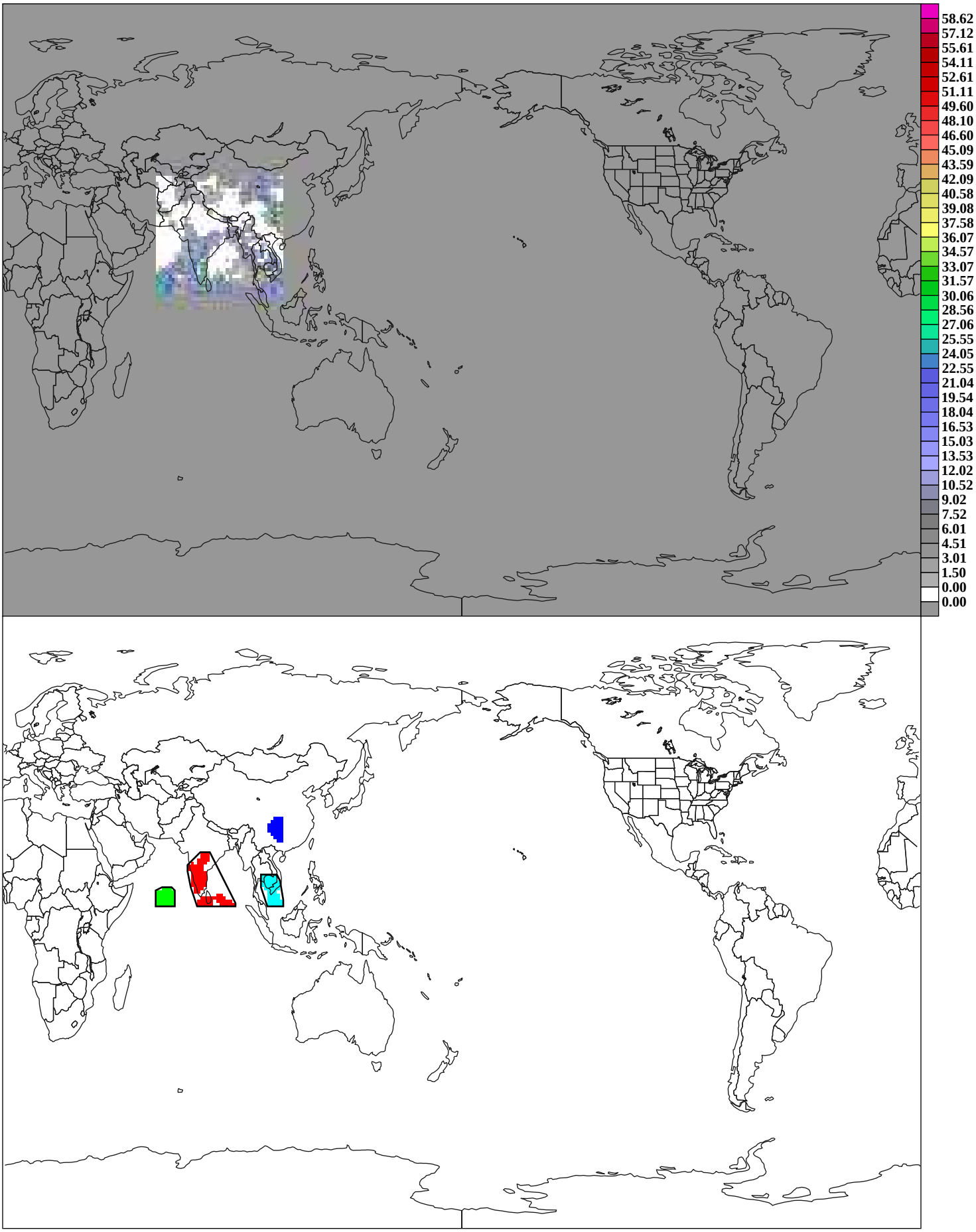
| | Forecast | Observation |
|---|---|---|
| **Mask M/G/P** | on/off/off | on/off/off |
| **Conv Radius** | 2 | 2 |
| **Conv Thresh** | >=12.0 | >=12.0 |
| **Obj Filters** | 1 | 1 |
| **Inten Perc** | p50 | |
| **Merge Thresh** | >=10.0 | >=10.0 |
| **Merging** | thresh | thresh |
| **Matching** | match/no merge | |
| **Simple/M/U** | 3/3/0 | 5/4/1 |
| **Area** | 83 | 196 |
| **Area M/U** | 83/0 | 165/31 |
| **Cluster** | 3 | 3 |
| **MMI** | 0.8828 | 0.8693 |
| **MMI (F+O)** | 0.8761 | |

# MODE: PRECT at 20140603_000000,*,* vs precip at 0,*,*
## Forecast

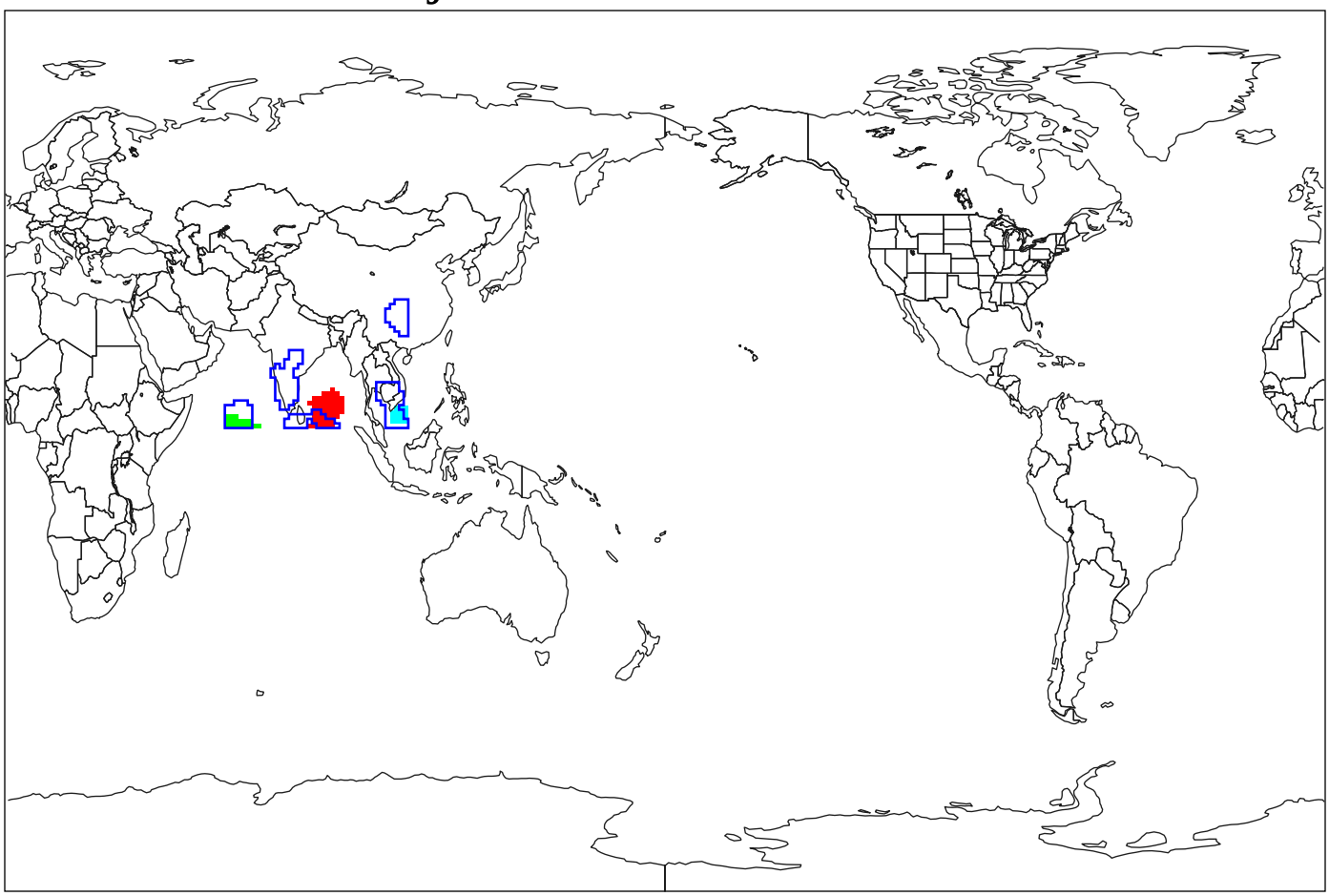


# MODE: PRECT at 20140603_000000,*,* vs precip at 0,*,*

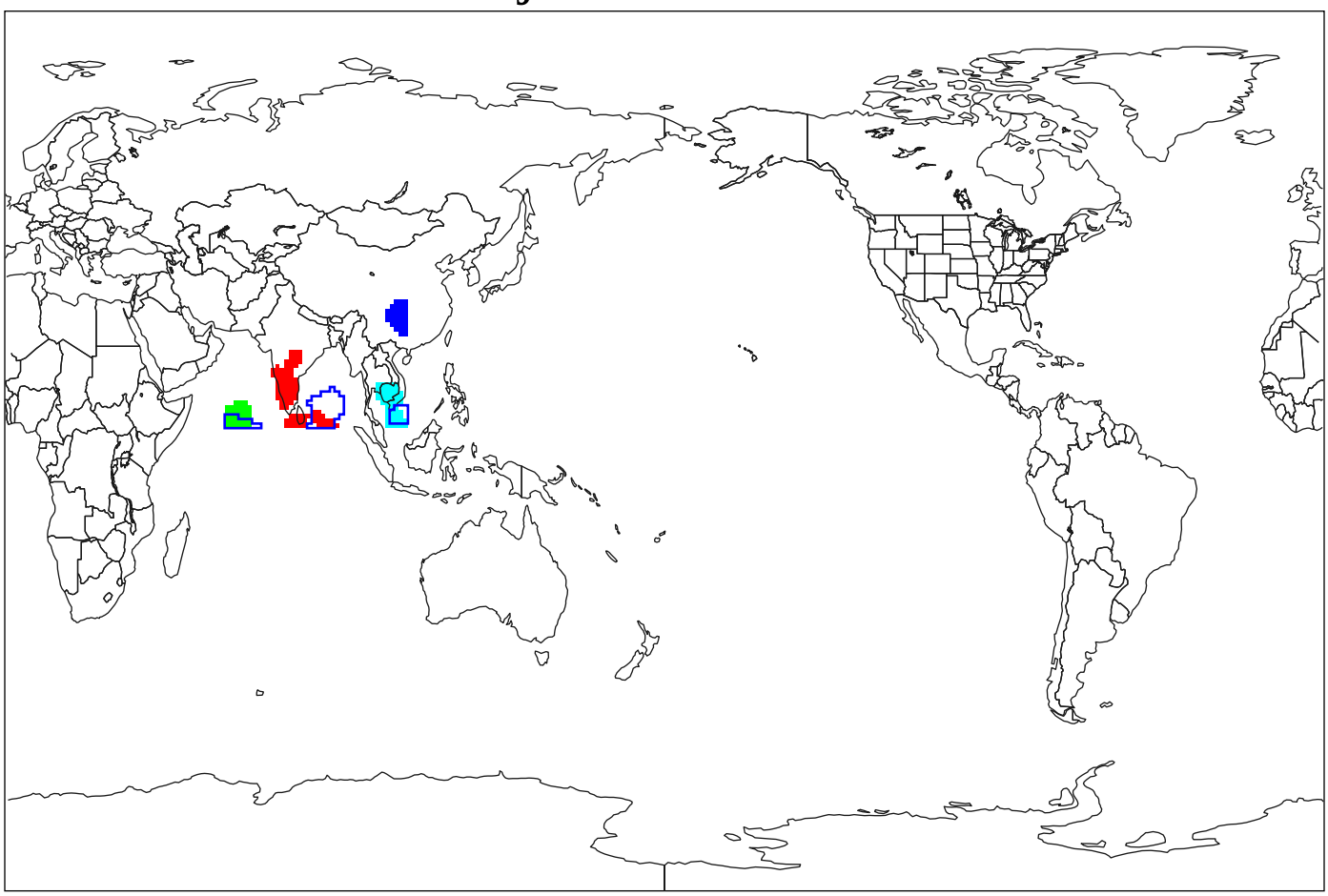
## Observation



# Forecast Objects with Observation Outlines

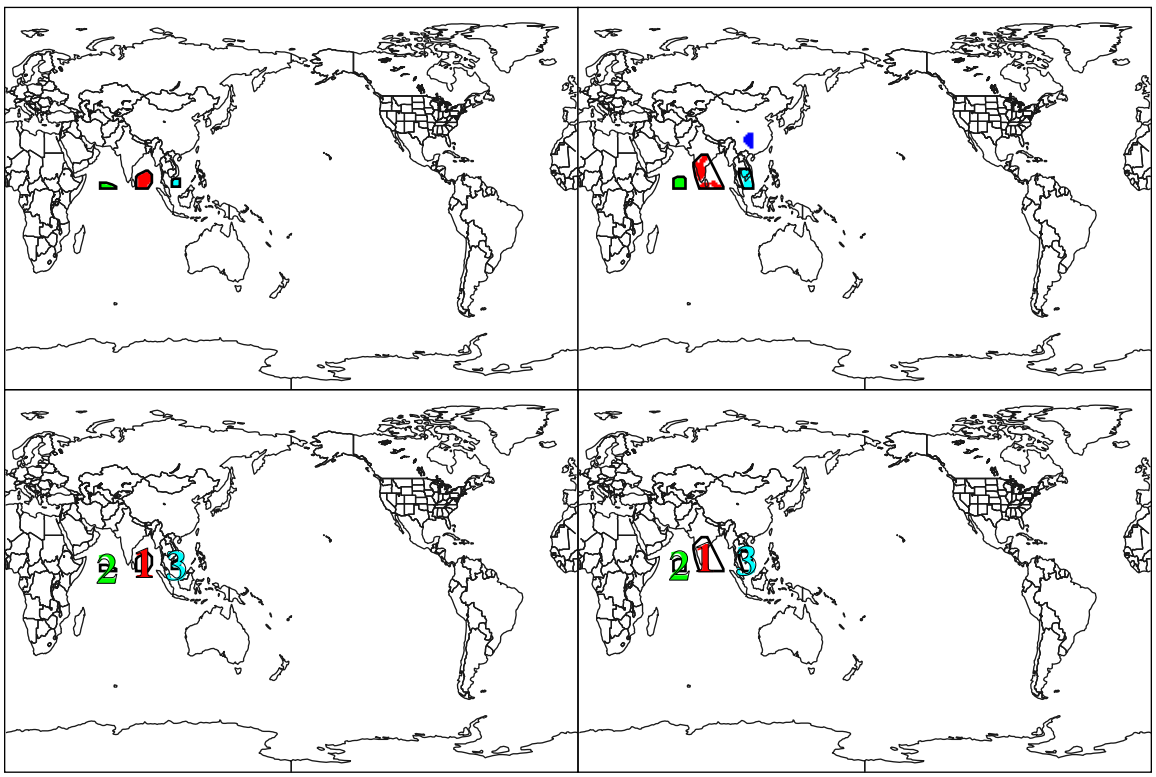


# Observation Objects with Forecast Outlines



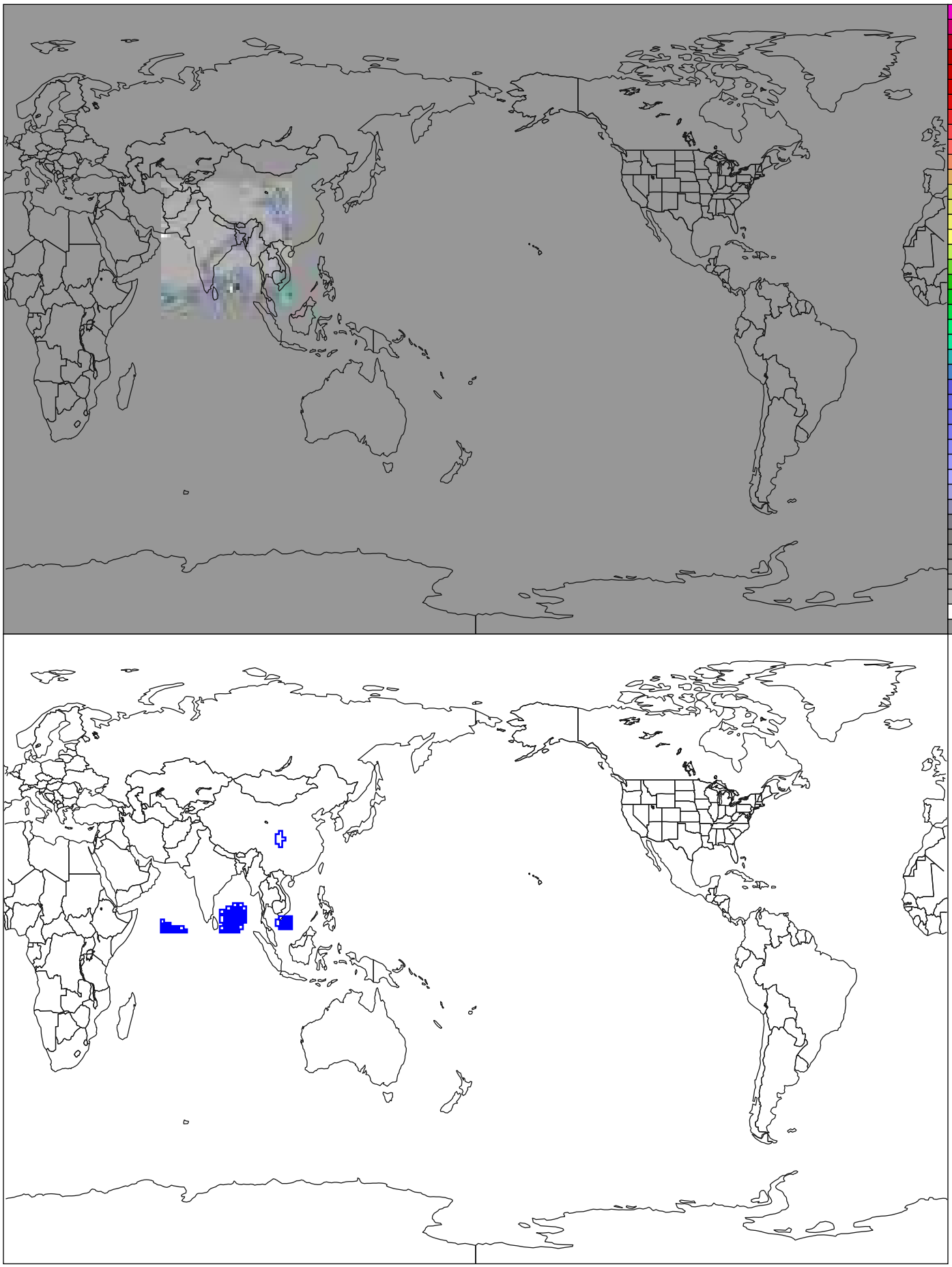
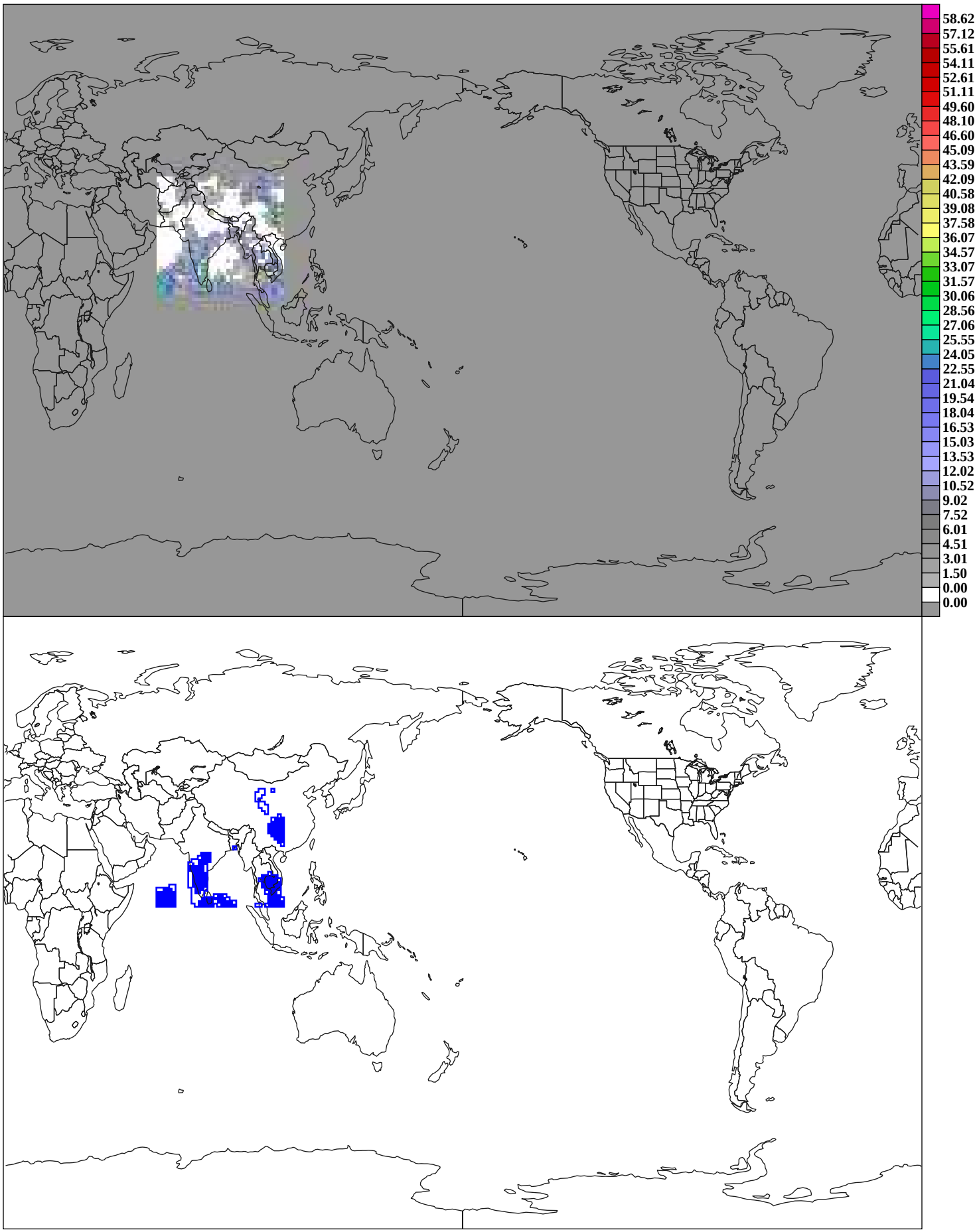
# Cluster Object Information

Forecast | Observation




| CLUS PAIR | CEN DIST | ANG DIFF | FCST AREA | OBS AREA | INTER AREA | UNION AREA | SYMM DIFF | FCST INT 50 | OBS INT 50 | FCST INT 90 | OBS INT 90 | TOT INTR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.08 | 58.48 | 51 | 84 | 14 | 121 | 107 | 23.74 | 19.78 | 43.70 | 34.20 | 0.9344 |
| 2 | 1.64 | 40.23 | 17 | 33 | 15 | 35 | 20 | 20.68 | 22.10 | 31.87 | 27.98 | 0.8828 |
| 3 | 2.72 | 63.14 | 15 | 48 | 11 | 52 | 41 | 22.71 | 17.32 | 28.04 | 38.61 | 0.8693 |

# Forecast: Threshold Merging



# Observation: Threshold Merging