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## **Precipitation Climatology over Mediterranean Basin from TRMM**

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Climatological features of mesoscale rain activities over the Mediterranean region between 5° W-35° E and 32° N-48° N are examined using the Tropical Rainfall Measuring Mission (TRMM) 3B42 and 2A25 rainrate products. The 3B42 rainrates at 3-hourly, .25° x 0.25° spatial resolution for the last 10 years (January 1998 to July 2007) are used to form and analyze 5-day mean and monthly mean climatology of rainfall. Preliminary results show that there are considerable regional and seasonal differences of rainfall over the Mediterranean Region. During rainy season (October-March), mesoscale rain systems generally propagate from west to east and from north to south over the Mediterranean region. Detailed analysis of moisture transport associated with the mesoscale rain systems is currently being carried out. A poster presentation will summarize main results of this study at the EGU meeting.