
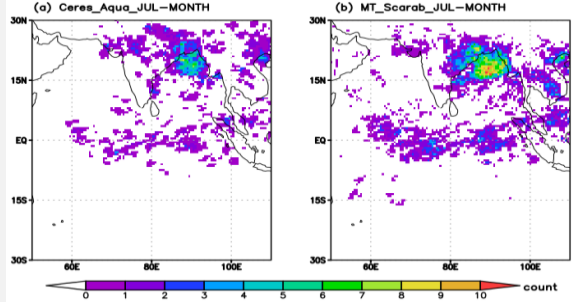


<p>Name</p> <p>Affiliation</p> <p>Qualification</p> <p>Program</p> <p>Duration</p>	<p>Mr. Mayank Mishra</p> <p>Indian Institute of Technology, Kharagpur</p> <p>M. Tech (Earth System Science & Technology)</p> <p>Advance Research Programme</p> <p>Nine months</p>	
<p>Project title</p>	<p>Long-term validation and the study on the occurrence of extreme deep convection and highly reflective clouds over the Indian region as observed by ScaRaB/Megha-Tropiques</p> <p>The instantaneous TOA flux data derived from ScaRaB radiance measurements are compared with similar data available from CERES on-board Aqua and Terra satellites during 2011-2015. Also the occurrence of extreme deep convective clouds and highly reflective clouds over the Indian region has been studied using ScaRaB during the above five year period.</p>	 <p>Occurrence (frequency per month) of deep convective clouds (LW flux $<100 \text{ Wm}^{-2}$) observed by CERES/Aqua and ScaRaB/Megha-Tropiques in July 2015.</p>