



Spatial and Temporal Land Surface Temperature Analysis of Kashmir Valley (India)

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Abstract: The present study was undertaken to compute the normal maximum and minimum temperature in seven districts of Kashmir namely, Anantnag, Pulwama, Srinagar, Budgam, Baramulla Kulgam and Kupwara during 1980-2016. The normals were then used to study the weather extremes like heat waves and cold waves in the region. All the districts experienced heat waves of moderate intensity during summer. However, the cold waves in all the districts were of moderate to severe intensity. The district Baramulla was most severely affected by cold waves while district Srinagar was most affected district by heat waves.

Keywords: Temperature, Normal, Heat waves, Cold waves, Kashmir Valley
