

LSST PROMPT DATA PRODUCTS

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LSST is the main project in ground based survey astronomy in 2020's. It will scan ~16000 square degrees of sky using 8.4 m telescope on mount Cero Pachon approximately twice a week. There are going to be observations in six filters (ugrizy) and the depth of the single visit is going to be 24.5 and after ten years by coadding will reach 27.5 in r filter. I will review data products which will be released inside 24 hours of observations. Those products consist of alerts which will report any change (flux, position) of detected objects (60 seconds) and update of orbits of solar system objects (within 24 hours). According to the current LSST and funding agencies policies those products should be available to the whole astronomical community.