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m.miryaghoobzadeh@gmail.com :

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³AVHRR ²NOAA
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¹-GEOS:Geostationary operational Envisat
¹-NOAA: National Oceanic & Atmospheric Administration
²-AVHRR: Advanced very High Resolution Radiometer
³-TIROS

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AVHRR (/ μm)

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¹HRPT NOAA

HRPT

HRPT

AVHRR

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³TM ²MSS

⁴HRV

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- ¹-HRPT: High Resolution picture Transmission
 - ²-MSS: Multi Spectral Scanner
 - ³-TM: Thematic Mapper
 - ⁴-HRV: High Resolution Vision

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The Satellites with usage in Snow and Ice Monitoring

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Abstract

Remote sensing imagery is very high usage in hydrologic studies such as snow and ice. One of usable remote sensing imagery for snow and ice monitoring is Modis and AVHRR imagery. Remote sensing imagery is one of important entry variable for snow and ice studies. This extent that is result from frequency of imagery is particular trait of. Because of high temporal separitibility of AVHRR and MODIS imagery can provide one of important entry for hydrologic models.

Key words: remote sensing, snow and ice, NOAA, AVHRR, MODIS