Himawari-8/9 Satellite (140 E)

16 bands Observations

Raw data Down Link 18.1 GHz

HRIT, LRIT and Other Products

C-band 4 GHz

DVB-S2 HimawariCast Receptions (14 bands)

2.4m φ Parabolic Antenna with C-band Feeder & LNB

JMA

CTS Center

Raw data Down Link 18.1 GHz

CISCO Router & Switch

Forecaster’s Analysis PCs

HimawariCast Data Acquisition/Processing PC

DVB-S2 Satellite Receiver Unit Novra S300D

Other observation data to be used on SATAID

WMO GTS Network and/or National Network

GTS/WIS Systems

SATAID Visualization and Monitoring PC

WMO GTS Network and/or National Network

Novra S300

Parabolic Antenna with C-band Feeder & LNB

C-band 4 GHz

DVB-S2 HimawariCast Receptions (14 bands)

2.4m φ Parabolic Antenna with C-band Feeder & LNB

JCSAT-2A/B Communication Satellite (154 E)
HimawariCast Satellite Ground Reception System for Himawari 8/9 with SATAID Displaying Systems

2.4m φ Parabolic Antenna with C-band Feeder & LNB

23" TFT Monitor

DVB-S2 Satellite Receiver Unit

Coaxial Cable

S-7C-FB

Novra S300D

100baseTX Ethernet

Satellite Data Acquisition/Processing PC

23" TFT Monitor

23" TFT Monitors

23" TFT Monitor

DVI Monitor Displaying Systems

Out Door

SATCOM FAE-240 2.4m C-band Antenna
Norsat 3120F C-band LNB Converter
Sactom 13961W C-band BPF
ORI Antenna Pedestal Mast

CISCO 890 Router

Router/Gigabit Hub SW

Connection with the Internal Network at National Met Service

AC100 - 240V 50/60Hz Power Supply

1kVA UPS

AC100 - 240V 50/60Hz Power Supply

1kVA UPS x2

Forecasters’ Monitoring & Analyzing PC with SATAID

Forecasters’ Monitoring & Analyzing PC with SATAID