

Data Availability (Conventional / Manually measured)

Availability Catalogue for Conventional Validated Data for all Five Basins of Maharashtra..

Details of Data Type & Data Parameters:

Sr.No.	Data Type	Measurement Description	Parameters Brief	Parameter Description	Measurement Frequency
1	Hydrological (Gauge Discharge Stations - GD)	River Water Levels: Daily twice: 8.30 a.m. & 17.30 p.m. Daily Thrice : 08:30 a.m., 13:00 p.m. & 17:30 p.m. Daily Four Times: 08:30 a.m., 11:30, 14:30 p.m., & 17.30 p.m. All above records are Collected from River Gauge (GD) Site & some Daily or Hourly records are computed.	HZS	Water Levels by Staff Gauge with respect Gauge Zero (m)	Daily (3/1) Twice Daily(3/2)/ Thrice Daily(3/3)/ Daily Four Time(3/4) /Hourly (4/1)
			HZA	Water Levels by AWLR with reference to Gauge Zero (m)	Hourly (4/1)
			HHS	Daily Water Levels with reference to msl (m)	Daily (3/1) Twice Daily(3/2)/ Thrice Daily(3/3)/ Daily Four Time(3/4) /Hourly (4/1)
			HHA	Hourly Water Levels with reference to msl (m)	Hourly (4/1)
		River Discharge : Daily twice: 8.30 a.m. & 17.30 p.m. Daily Thrice : 08:30 a.m., 13:00 p.m. & 17:30 p.m. Daily Four Times: 08:30 a.m., 11:30, 14:30 p.m., & 17.30 p.m. All above records are Collected from River Gauge (GD) Site & some Daily or Hourly records are computed.	HQC	Discharge (Cumec)	Daily (3/1) Twice Daily(3/2)/ Thrice Daily(3/3)/ Daily Four Time(3/4) /Hourly (4/1)

2	Meteorological (Full Climatic Stations - FCS)	Temperature: Maximum Temperature, Minimum , Dry Bulb Temperature, Wet Bulb Temperature are measured Daily twice : 8.30 a.m. & 17.30 p.m.	MTA	Hourly Temperature (°C)	Hourly (4/1)
			MTX	Maximum Temperature (°C)	Twice Daily(3/2)
			MTN	Minimum temperature (°C)	Twice Daily(3/2)
			MTD	Dry Bulb Temperature (°C)	Twice Daily(3/2)
			MTW	Wet Bulb Temperature (°C)	Twice Daily(3/2)
		Relative Humidity: MHS is computed twice Daily and MHA is observed hourly.	MHS	Relative Humidity (%)	Twice Daily(3/2)
			MHA	Hourly Humidity (%)	Hourly (4/1)
		Wind Speed & Wind Direction: Both are measured twice : 8:30 a.m. & 17:30 p.m.	MWS	Average Wind Speed (Km/hr)	Twice Daily(3/2)
			MWI	Instant Wind Speed (Km/hr)	Twice Daily(3/2)
			MW1	Wind Direction (16 Pts-Alpha)	Twice Daily(3/2)
Sunshine Duration: It is measured Hourly	MSD	Sunshine Duration (Hours)	Hourly (4/1)		
Pan Water Temperature & Evaporation: Both are measured twice: 8:30 a.m. & 17:30 p.m.	MTP	Pan Water Temperature (°C)	Twice Daily(3/2)		
	MEP	Pan Water Evaporation (mm)	Twice Daily(3/2)		
3	Daily Rainfall (Standard Raingauge Stations - SRG)	Daily Rainfall: It is Collected from Standard Rain Gauge (SRG) at 8:30 a.m. & 17:30 p.m.	MPS	Daily Rainfall (mm)	Daily (3/1)/ Twice Daily (3/2)
4	Hourly Rainfall (Autographic Raingauge Stations - ARG)	Hourly Rainfall: It is Collected from Autographic Rain Gauge (ARG).	MPA	Hourly Rainfall (mm)	Hourly (4/1)
5	Sediment	Sediment Data: It is collected from GD Sites where Water Quality Level-I Labs are established	SCC	Coarse Suspended Sediment Concentration (gm/lit)	Twice Daily (3/2)
			SCM	Medium Suspended Sediment Concentration (gm/lit)	
			SCF	Fine Suspended Sediment Concentration (gm/lit)	
			SS	Sand Silt (gm/lit)	
			TSS	Total Suspended Solids (gm/lit)	