

RECORD OF TWICE-DAILY RAINFALL DATA

Agency: {e.g., State Water Data Centre, I & CAD Department, A.P. >

Sub-Division : Division :

Station Name : Station Code :

Independent River : Local River :

District : Latitude : Longitude :

Year : Month :

Date	Rainfall (mm) Observed at		Daily Rainfall (mm)	Remarks
	1730 hrs. (Previous Day)	0830 hrs.		
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Total				
No. of Rainy Days				

Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF HOURLY RAINFALL DATA

HP – MET - 03

Agency: {e.g., State Water Data Centre, I & CAD Department, A.P. >

Sub-Division :

Division :

Station Name : Station Code : Independent River : Local River : District :

Latitude : Longitude :

Year : Month :

Date	Rainfall Amounts (mm) for Clock Hours (Indian Standard Time) Ending At																								Total		
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400			
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Total																											

Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF TWICE-DAILY CLIMATIC DATA

Agency: {e.g., State Water Data Centre, I & CAD Department, A.P. >

HP – MET - 05

Sub-Division :

Division :

Station Name : Station Code : Independent River : Local River : District :

Latitude : Longitude :

Year : Month :

(OBSERVATIONS ARE AT 0830 & 1730 HRS. IST)

Date	Min. Temp. (°C)		Max. Temp. (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Rel. Humidity (%)		Inst. Wind Speed (Km/h)		Av. Wind Speed (Km/h)		Wind Direct. (16pts.)		Pan WaterTemp. (°C)		Pan Evapo. (mm)		Rainfall (mm)		Remarks		
	0830	1730	0830	1730	0830	1730	0830	1730	0830	1730	0830	1730	0830	1730	0830	1730	0830	1730	0830	1730	0830	1730			
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Av.																									

Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF HOURLY TEMPERATURE DATA

HP – MET - 07

Agency: {e.g., State Water Data Centre, I & CAD Department, A.P. >

Sub-Division :

Division :

Station Name : Station Code : Independent River : Local River : District :

Latitude : Longitude :

Year : Month :

Date	Temperature (°C) at Clock Hours (Indian Standard Time)																								Average
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
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Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF HOURLY RELATIVE HUMIDITY DATA

HP – MET - 08

Agency: {e.g., State Water Data Centre, I & CAD Department, A.P. >

Sub-Division :

Division :

Station Name : Station Code : Independent River : Local River : District :

Latitude : Longitude :

Year : Month :

Date	Relative Humidity (%) at Clock Hours (Indian Standard Time)																								Average
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
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Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF MULTIPLE TIMES A DAY STAGE DATA

<Agency: {e.g., State Water Data Centre, I & CAD Department, A.P.} >

Sub-Division : Division :

Station Name : Station Code :
 Independent River : Local River :
 District : Latitude :°'"
 Longitude :°'"

R.L. of Gauge Zero : (m+m.s.l) Year : Month :

Date	Stage (m) Observed at			Remarks
	<0800 hrs.>	<1300 hrs.>	<1800 hrs.>	
1				
2				
3				
4				
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Total				
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Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF STAGE AND TEMPERATURE DATA

<Agency: {e.g., State Water Data Centre, I & CAD Department, A.P.}>

Sub-Division : Division :

Station Name : Station Code :
 Independent River : Local River :
 District : Latitude : Longitude :

R.L. of Gauge Zero : (m+m.s.l.) Year : Month :

Date	Stage (m) Observed at			Temperatures (°C)			Remarks
	<0800 hrs.>	<1300 hrs.>	<1800 hrs.>	River Water	Min. Atm.	Max. Atm.	
				<0800 hrs.>	0830 hrs.	0830 hrs.	
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5							
6							
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Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF HOURLY STAGE DATA

<Agency: {e.g., State Water Data Centre, I & CAD Department, A.P.}>

Sub-Division :

Division :

Station Name : Station Code : Independent River : Local River : District :

Latitude : Longitude :

R.L. of Gauge Zero : (m+m.s.l.)

Year : Month :

Date	Stage (m) at Clock Hours (Indian Standard Time)																								Average		
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400			
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Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:

Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF VELOCITY MEASUREMENTS FOR STAGE-DISCHARGE OBSERVATION

<Agency: {e.g., State Water Data Centre, I & CAD Department, A.P.}>

Sub-Division : Division :

Station Name : Station Code : District :

Independent River : Local River : Latitude : Longitude :

R.L. of Gauge Zero : (m+m.s.l.) Date of Observation : Time at Start : Time at End :

General Information

Location of discharge site : Temporary Permanent Distance from permanent site : (m) U/S D/S

Mode of crossing : Method of vel. Obser. : Sounding taken with :

Sounding weight used : Units:

Condition of water : Condition of weather : River water temp. : At. temp. :

Wind direction w.r.t current : (°) Strength of wind : Average wind speed : (km/h)

Gauge Information **Current Meter Information**

	Mean Gauge Reading (m)	
	Permanent Site	Temporary Site
At Start		
At End		
Mean		

Current meter used : Rating Eq. of C.M. :

Date of last rating : Since when in use :

Rated spin : (sec.) Spin before measure: (sec.)

Spin after measure: (sec.) No. of days in use :

Mean Water Level (m+m.s.l.):

Gauging Information

Method of suspending meter : Weight used with meter: Units: No. of compartments :

Compartment No.	No. of Sections	Section No.	Observed Depth (m)	Vertical Angle (Deg.)	Airline Correction (m)	Wetline Correction (m)	Corrected Water Depth (m)	Contri. for Wetted Peri. (m)	Segmental Area (m ²)	No. of Velocity Observations	Depth of Observation Point	No. of Revolutions	Time Taken (sec.)	Point Velocity (m/sec.)	Mean Velocity (m/sec.)	Angle of Oblique. (Deg.)	Velocity Corr. for Oblique. (m/sec)	Drift Distance (m)	Time for Drift (sec.)	Drift Correction (m/sec.)	Final Mean Velocity (m/sec.)	Segmental Disch. (cumec.)	Remarks

Top Width (T) : (m) Wetted Peri. (P) : (m) Total Area (A) : (m²) Total Discharge (Q): (cumecs)

Max. Point Velocity : (m/sec.) Hyd. Radius (R=A/P) : (m) Hyd. Depth (A/T) : (m) Mean Velocity (V) : (m/sec.)

Surface Slope Observation

Distance from CGL	Difference in Distances (m)	Surface Slope Observation by Leveling				Surface Slope Observation by Staff Gauge			
		Level Reading (m)	Difference in Level Reading (m)	Slope	Mean Slope	Gauge Reading (m)	Difference in Gauge Reading (m)	Slope	Mean Slope
..... m U/S									
0 m									
..... m D/S									

Chezy's Value (C = V/(RS)^{0.5}):

Manning's Value (N = R^{1/6}/C):

Characteristics of river bed :

Class of roughness under which it falls:

Observer's remarks :

Form filled by:

Manuscript checked:

Data entered & checked by:

Primary validation done by:

Observer

Supervisor/J.E.

DPC Assistant

Assistant Hydrologist

RECORD OF SUMMARY OF STAGE-DISCHARGE OBSERVATIONS

<Agency: {e.g., State Water Data Centre, I & CAD Department, A.P.}>

Sub-Division : Division :
 Station Name : Station Code : District :
 Independent River : Local River : Latitude : Longitude :
 R.L. of Gauge Zero : (m+m.s.l.) Year: Month(s):

Date	Av. Time of Observation	Observation No.	Mean Gauge Reading (m)	Mean Water Level (m+m.s.l.)	Discharge (cumec.)	Observed/Computed	Area (m ²)	Surface Slope	Top Width (m)	Wetted Perimeter (m)	Hydraulic Radius (m)	Mean Velocity (m/sec.)	Manning's N	Gradient (m/day)	Fall (m)	Mode of Crossing	Method of Velocity Observation	No. of Verticals/Float Compt.	Max. Velocity (m/sec.)	Weather Condition	Wind Velocity (km/h)	Wind Direction (16 pts.)	Remarks

Observer's remarks :

Form filled by: Manuscript checked: Data entered & checked by: Primary validation done by:
 Observer Supervisor/J.E. DPC Assistant Assistant Hydrologist

RECORD OF SUSPENDED SEDIMENT SUMMARY DATA

Agency: Central Water Commission, C&SR, Coimbatore

Sub-Division:

Division:

Name :

Station Code :

Independent River :

Local River :

District :

Latitude :°'

Longitude :°'

R.L. of Gauge Zero : (m+m.s.l.)

Year : Month :

Date	Time of observation	Gauge Reading (m)	Water Level (m)	Total Discharge (cusec)	Suspended sediment concentration (g/l)				Remarks
					Coarse Fraction	Medium Fraction	Fine Fraction	Total	
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2									
3									
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Observer's remarks:

Form filled by:

Manuscript checked:

Data entered & checked by:

Primary validation done by:

Observer

Supervisor/J.E.

DPC Assistant

Assistant Hydrologist

RECORD OF SAMPLE IDENTIFICATION

<Agency: {e.g., State Water Data Centre, I & CAD Department, A.P.}>

Sub-Division:..... Division:.....

Sample code											
Observer					Agency			Project			
Date			Time		Station code						
Parameter code	Container				Preservation				Treatment		
	Glass	PVC	PE	Teflon	None	Cool	Acid	Other	None	Decant	Filter
(1) Gen											
(2) Bact											
(3) BOD											
(4) COD, NH ₃ ,NO ₃ ⁻											
(5) H. Metals											
(6)Tr. Organics											
Source of sample											
Waterbody		Point		Approach		Medium		Matrix			
<input type="checkbox"/> River <input type="checkbox"/> Drain <input type="checkbox"/> Canal <input type="checkbox"/> Reservoir		<input type="checkbox"/> Main current <input type="checkbox"/> Right bank <input type="checkbox"/> Left bank		<input type="checkbox"/> Bridge <input type="checkbox"/> Boat <input type="checkbox"/> Wading		<input type="checkbox"/> Water <input type="checkbox"/> Susp matter <input type="checkbox"/> Biota <input type="checkbox"/> Sediment		<input type="checkbox"/> Fresh <input type="checkbox"/> Brackish <input type="checkbox"/> Salt <input type="checkbox"/> Effluent			
Sample type		<input type="checkbox"/> Grab <input type="checkbox"/> Time-comp <input type="checkbox"/> Flow-comp <input type="checkbox"/> Depth-integ <input type="checkbox"/> Width-integ									
Sample device		<input type="checkbox"/> Weighted bottle <input type="checkbox"/> Pump <input type="checkbox"/> Depth sampler									
Field determinations											
Temp	°C	pH		EC		µmho/cm		DO	mg/L		
Odour code	(1) Odour free (2) Rotten eggs (3) Burnt sugar (4) Soapy (5) Fishy			(6) Septic (7) Aromatic (8) Chlorinous (9) Alcoholic (10) Unpleasant		Colour code	(1) Light brown (2) Brown (3) Dark brown (4) Light green (5) Green	(6) Dark green (7) Clear (8) Other (specify)			
Remarks											
Weather		<input type="checkbox"/> Sunny <input type="checkbox"/> Cloudy <input type="checkbox"/> Rainy <input type="checkbox"/> Windy									
Water vel. m/s		<input type="checkbox"/> High (> 0.5) <input type="checkbox"/> Medium (0.1-0.5) <input type="checkbox"/> Low (< 0.1) <input type="checkbox"/> Standing									
Water use		<input type="checkbox"/> None <input type="checkbox"/> Cultivation <input type="checkbox"/> Bathing & washing <input type="checkbox"/> Cattle washing <input type="checkbox"/> Melon/vegetable farming in river bed									

RECORD OF WQ SAMPLE IDENTIFICATION

<Agency: {e.g., State Water Data Centre, I & CAD Department, A.P.}>

Sub-Division:..... Division:.....

Date/Time received at lab.	Date/Time collected	Station code	Project	Collecting agency/collector	Preservation	Parameter code	Lab. Sample No.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

- Note:**
- Column (3) gives the station code conventionally followed by the monitoring agency.
 - Column (4) gives the project under which the sample is collected.
 - Column (7) corresponds to the parameter(s) code given in the sample identification form.
 - Column (8) gives the laboratory sample number assigned to the sample as it is received in the laboratory. Note that the numbering has two parts separated by a hyphen. The first part is assigned in a sequential manner as samples are received from various stations. If two samples are collected at the same time from a station for different sets of analysis, the first part of the number is the same. The second part corresponds to the parameter code.
 - The results of the analyses of all the samples having the same first part of the code would be entered in the data entry system as one sample having the same station code and time of sample collection.

