



भारत सरकार
जल शक्ति मंत्रालय
Government of India
Ministry of Jal Shakti

केंद्रीय जल आयोग
के अंतर्गत
भारत के मौसम विज्ञान के प्रेक्षण स्थल
(1 जनवरी 2025 के अनुसार)

METEOROLOGICAL OBSERVATION STATIONS IN INDIA
UNDER
CENTRAL WATER COMMISSION
(As on 01st January 2025)

केंद्रीय जल आयोग
नई दिल्ली



(APRIL , 2025)

CENTRAL WATER COMMISSION
NEW DELHI



FOREWARD



Shri Anupam Prasad

**Member (River Management)
Central Water Commission
Department of WR, RD, & GR
Ministry of Jal Shakti**

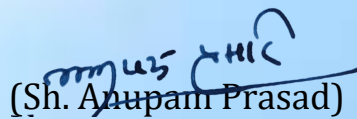
Reliable Meteorological data can be transformed into useful information by skilled end-users, not just to study global warming in the long run, but also for mid or short-term application, such as calculation of crop water needs, planning and management of hydrological resources, or renewable energies etc.

Central Water Commission (CWC) is the apex organization in the country dealing with collection and compilation of river discharge on rivers across India. There are 1525 hydrological observation (H.O.) sites, distributed among 14 regional offices headed by Chief Engineers. I hope this booklet would be found useful to data indenters and stakeholders, who are in the planning and development of Water Resources in the country.

CWC is observing selected Meteorological parameters at 1252 locations. In addition to the above, CWC observes Meteorological parameters exclusively at 74 locations. This data is being utilized by CWC for flood forecasts to issue advance warning to the state authorities during high flood situations besides planning and development of water resources projects in the country by various State Governments, Public Sector Undertakings and Research Institutions.

I would like to express my appreciation for work done by all field Chief Engineers, Sh. Davendra Pratap Mathuria, Chief Engineer (P&DO), and the work carried out by Shri Pankaj Kumar Sharma, Director, RDC-II Directorate, as well as the dedicated efforts of all officers of RDC-II Directorate in compiling & publishing this meta data book.

I hope this book would prove to be useful by all officers of CWC, state governments and other Agencies involved in the planning and development of Water Resources in the country.


(Sh. Anupam Prasad)

Member (River Management)





Shri Davendra Pratap Mathuria

**Chief Engineer (P&DO)
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Ministry of Jal Shakti**

Central Water Commission (CWC) has been doing the publication on 'Meteorological observation stations in India under Central Water Commission since the last 12 years. Today, CWC has a well-established network of Meteorological observation stations, covering 1326 locations. Out of which, 1252 stations are already on existing hydrological observation stations and remaining 74 are exclusive Meteorological observation stations. Various Meteorological parameters such as sunshine, rainfall, wind velocity, evaporation, humidity etc. are observed at these stations, based on the defined guidelines of World Meteorological Organisation. The data thus collected by CWC, is being utilized for issuing flood forecasts and for issuing advance warning to the state authorities during high flood situation.

The first book containing the details of Meteorological observation stations in India under CWC was published in the year 2012. During that time, CWC was collecting Meteorological data from 852 H.O. stations and 76 exclusive Meteorological stations. The second edition was published in 2020, the third edition in 2021 & the fourth edition in 2023. The present 2025 edition is the fifth one in the series. In earlier publications, telemetry-sensor based Meteorological observation sites were also published in the Meteorological book. In this edition, only the manually observed stations have been included.

I would like to express my appreciation towards Shri Altaf Hussain, Deputy Director, RDC-II Directorate and his team of officers in compiling & publishing this meta data book.

I am sure that this book shall be a very useful reference for diverse users, like, various Central Ministries and State Governments and their various line of departments, research Institutes involved in natural resources management in the country.

(Sh. Davendra Pratap Mathuria)

Chief Engineer(Planning & Development)



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1. Abbreviation and Notations for Meteorological Observation Stations

In the table depicting details of Meteorological Observation Stations, the different columns indicate as under:

- i. Column No. 1 gives the serial number of sites.
- ii. Column No. 2 gives name of the site.
- iii. Column No. 3 gives name of the State / Union Territory.
- iv. Column No. 4 'District' indicates the name of the district in which the site is located.
- v. Column No. 5 indicates the site type i.e HO (Hydrological Observation), FF (Flood Forecasting) and HOIW (Hydrological observation & Investigation works)
- vi. Column No. 6 indicates the name of the river / tributary / sub-tributary.
- vii. Column No. 7 indicates the Latitude(°N) of the site.
- viii. Column No. 8 indicates the Longitude(°E) of the site.
- ix. Column No. 9 indicates the type of Meteorological parameters (Met Para) measured at a station.

Rf	Rainfall
Mt	Max/Min Temperature or Air Temperature
Hu	Humidity
Ss	Sunshine
Pe	Pan-evaporation
Wv	Wind speed and Wind direction
Ar	Automatic Raingauge/SRRF (Self recording rain gauge)
Sf	Snow fall
FCS	Full Climate station/Automatic weather station

- x. Column No. 10 indicates the date of start of observation in the same order as mentioned under the 'Met Para' column.

Station Code for Stations / Sites of different agencies for WIMS platform

- i. **1st & 2nd position of code will be two alphabets representing Agency.**

e.g., for Central Water Commission: CW

S. NO	Implementing Agency	Code
<i>Central agencies</i>		
1	CGWB	CB
2	CPCB	CP
3	CWPRS	CS
4	CWC	CW
5	MOWR	MO
6	NIH	NI
7	NRSC	NR
8	SOI	SO
<i>Other agencies</i>		
9	BBMB	BB
10	DVC	DV
<i>State / Union Territory agencies</i>		
11	Delhi	DL
12	Puducherry	PY
13	Andhra Pradesh	AP
14	Assam	AS
15	Bihar	BR
16	Chhattisgarh	CG
17	Goa	GA
18	Gujarat	GJ
19	Himachal Pradesh	HP
20	Haryana	HR
21	Jharkhand	JH
22	Karnataka	KA
23	Kerala	KL
24	Maharashtra	MH
25	Meghalaya	ML
26	Manipur	MN
27	Madhya Pradesh	MP
28	Mizoram	MZ
29	Nagaland	NL
30	Odisha	OD
31	Punjab	PB
32	Rajasthan	RJ
33	Sikkim	SK
34	Tamil Nadu	TN
35	Tripura	TR
36	Telangana	TS
37	Uttar Pradesh	UP
38	Uttarakhand	UK
39	West Bengal	WB

- ii. **3rd position of code will be one letter representing type of station i. e Surface Water, Ground Water & Telemetry (only).**

e.g. for Surface Water Station: 1

Station type Name	Code
Surface Water Station (Exclusive Manual)	1
Ground Water Station (Exclusive Manual)	2
Telemetry Surface Water Station (Exclusive)	3
Telemetry Ground Water Station (Exclusive)	4
Surface Water Meteorological and Hydrological Station both (Manual)	5
Meteorological station (Exclusive)	6
Surface Water Station (Manual & Telemetry)	7

- iii. **4th to 6th position of code will be three alphabets representing River Sub Basin.**

e.g. For Yamuna Upper Sub Basin: YAU

S. No	SBCODE	SUB-BASIN	S. No	SBCODE	SUB-BASIN
1	ARA	Above Ramganga Confluence Sub Basin	34	GDL	Godavari Lower Sub Basin
2	BAI	Baitarni Sub Basin	35	GDM	Godavari Middle Sub Basin
3	BAN	Banas Sub Basin	36	GDU	Godavari Upper Sub Basin
4	BAR	Barak Sub Basin	37	GOM	Gomti Sub Basin
5	BAM	Barmer Sub Basin	38	IMP	Imphal and others Sub Basin
6	BEA	Beas Sub Basin	39	IND	Indravati Sub Basin
7	BHA	Bhadar and other west flowing rivers Sub Basin	40	JHE	Jhelum Sub Basin
8	BHG	Bhagirathi and others (Ganga Lower) Sub Basin	41	KAS	Kali Sindh and others up to Confluence with Parbati Sub Basin
9	BHT	Bhatsol and others Sub Basin	42	KPO	Karnaphuli and Others Sub Basin
10	BHL	Bhima Lower Sub Basin	43	KOS	Kosi Sub Basin
11	BHU	Bhima Upper Sub Basin	44	KRL	Krishna Lower Sub Basin
12	BRA	Brahmani Sub Basin	45	KRM	Krishna Middle Sub Basin
13	BRL	Brahmaputra Lower Sub Basin	46	KRU	Krishna Upper Sub Basin
14	BRU	Brahmaputra Upper Sub Basin	47	KYN	Kynchiang and other south flowing rivers Sub Basin
15	CAL	Cauvery Lower Sub Basin	48	LIN	Lower Indus Sub Basin
16	CAM	Cauvery Middle Sub Basin	49	LUL	Luni Lower Sub Basin
17	CAU	Cauvery Upper Sub Basin	50	LUU	Luni Upper Sub Basin
18	CHL	Chambal Lower Sub Basin	51	MAL	Mahanadi Lower Sub Basin
19	CHU	Chambal Upper Sub Basin	52	MAM	Mahanadi Middle Sub Basin
20	CHA	Chautang and others Sub Basin	53	MAU	Mahanadi Upper Sub Basin
21	CHE	Chenab Sub Basin	54	MHL	Mahi Lower Sub Basin
22	CHR	Churu Sub Basin	55	MHU	Mahi Upper Sub Basin
23	DAM	Damodar Sub Basin	56	MEN	Mengpui Lui and others Sub Basin
24	DAN	Drainage Area of Andaman and Nicobar Islands Sub Basin	57	MAJ	Manjra Sub Basin
25	DAL	Drainage Area of Lakshadweep Islands Sub Basin	58	MHO	Muhury and Others Sub Basin
26	RAN	Drainage of Ran Sub Basin	59	NAG	Nagvati and other Sub Basin
27	GTK	East flowing rivers between Krishna and Godavari Sub Basin	60	NAO	Naochchara and others Sub Basin
28	KTP	East flowing rivers between Krishna And Pennar Sub Basin	61	NAL	Narmada Lower Sub Basin
29	GAN	Gandak and others Sub Basin	62	NAM	Narmada Middle Sub Basin
30	GHO	Ghaghar and others Sub Basin	63	NAU	Narmada Upper Sub Basin
31	GHA	Ghaghara Confluence to Gomti confluence Sub Basin	64	NET	Netravali and others Sub Basin
32	GHG	Ghaghara Sub Basin	65	PAL	Palar and other Sub Basin
33	GIL	Gilgit Sub Basin	66	PAM	Pamba and others Sub Basin

S. No	SBCODE	SUB-BASIN	S. No	SBCODE	SUB-BASIN
67	PEL	Pennar Lower Sub Basin	85	TAL	Tapi Lower Sub Basin
68	PEU	Pennar Upper Sub Basin	86	TAM	Tapi Middle Sub Basin
69	PAR	Periyar and others Sub Basin	87	TAU	Tapi Upper Sub Basin
70	PON	Ponnaiyar and other Sub Basin	88	TON	Tons Sub Basin
71	PRA	Pranhita and others Sub Basin	89	TUL	Tungabhadra Lower Sub Basin
72	RAM	Ramganga Sub Basin	90	TUU	Tungabhadra Upper Sub Basin
73	RAV	Ravi Sub Basin	91	UIN	Upper Indus Sub Basin
74	SAL	Sabarmati Lower Sub Basin	92	UGO	Upstream of Gomti confluence to Muzaffarnagar Sub Basin
75	SAU	Sabarmati Upper Sub Basin	93	VAI	Vaippar and others Sub Basin
76	SAR	Saraswati Sub Basin	94	VAM	Vamsadhara and other Sub Basin
77	SHK	Shaksgam Sub Basin	95	VAR	Varrar and others Sub Basin
78	SHE	Shetranjuli and other east flowing rivers Sub Basin	96	VAS	Vasishtiand others Sub Basin
79	SHY	Shyok Sub Basin	97	WAR	Wardha Sub Basin
80	SON	Sone Sub Basin	98	WEI	Wainganga-Pranhita Sub Basin
81	SUB	Subarnarekha Sub Basin	99	YAL	Yamuna Lower Sub Basin
82	SUM	Sulmar Sub Basin	100	YAM	Yamuna Middle Sub Basin
83	SUL	Sutlej Lower Sub Basin	101	YAU	Yamuna Upper Sub Basin
84	SUU	Sutlej Upper Sub Basin			

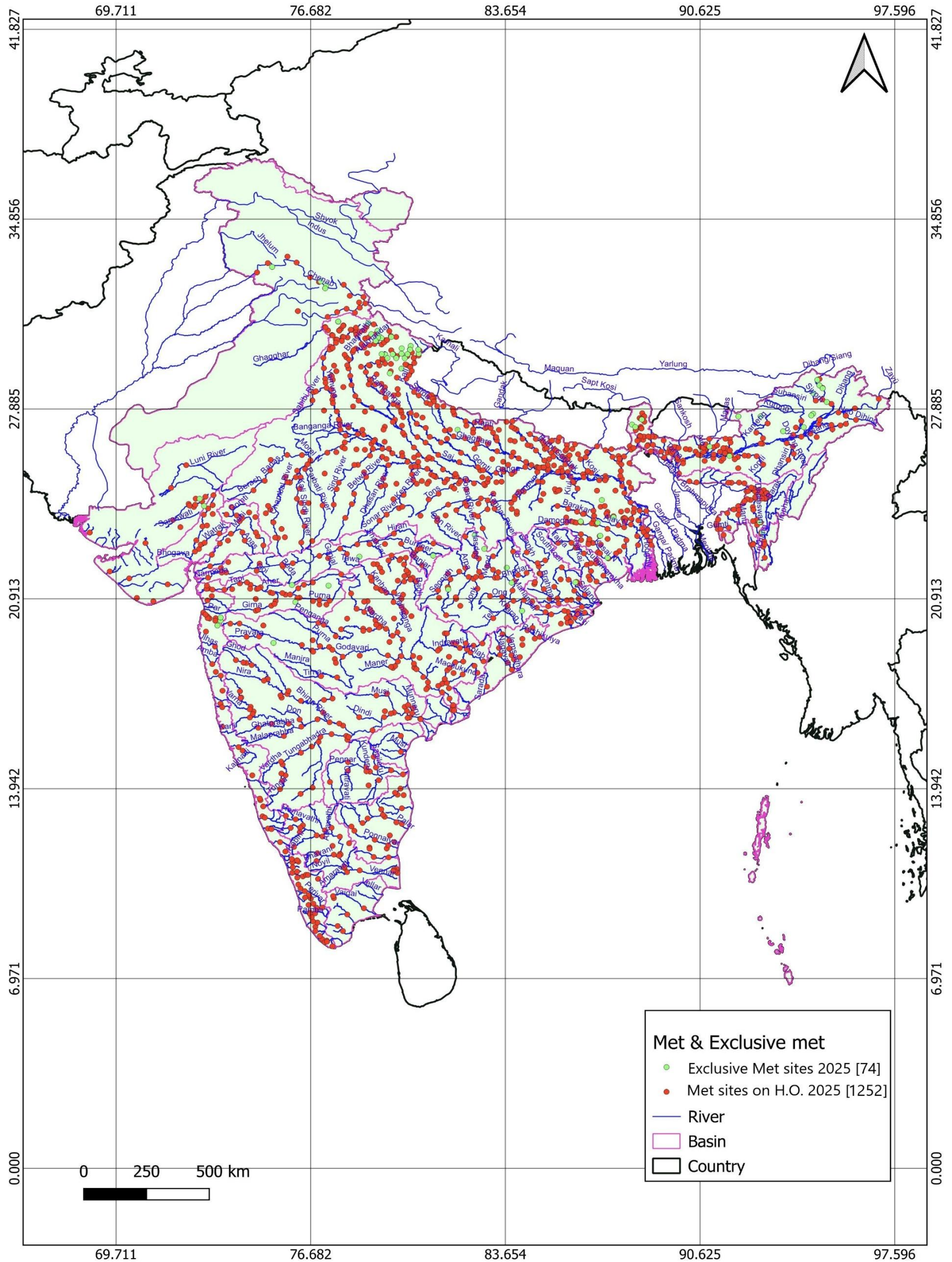
- iv. 7th to 13th position of code will be six numeric values and the 6-digit code will be as per date of establishment of station i.e., from first opened station 000000 to 999999

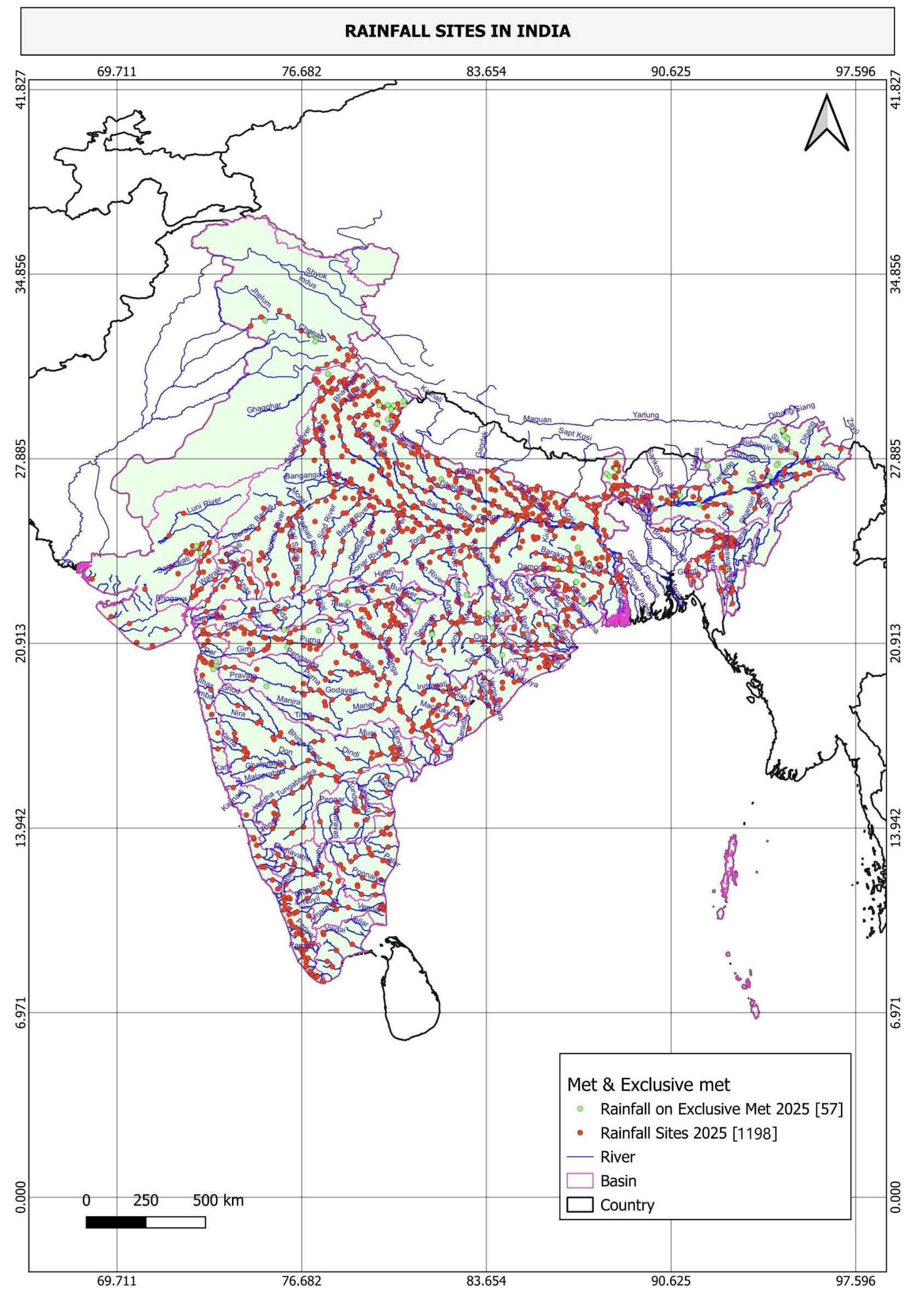
0	0	0	0	0	1
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Example: Proposed sample WIMS code for a CWC surface water station in Yamuna Upper Sub-basin opened first.

CW1YAU000001

METEOROLOGICAL STATIONS IN INDIA





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1152	Sholmari	35	1207	Swampatna	105
1153	Shukratal	167	1208	Swaroopganj	124
1154	Sibapur	45	1209	T. Bekuppe	139
1155	Sibbari	48	1210	T.K.Halli	140

Sl. No.	Name of H.O Site	Page No.	Sl. No.	Name of H.O Site	Page No.
1211	T.Narasipur	140	1271	Tuini (Pabar)	202
1212	T.Ramapuram	78	1272	Tuini (Tons)	202
1213	Tadipatri	56	1273	Tuipui 'D'	50
1214	Taibpur	91	1274	Tuirial	45
1215	Tajewala/ Hathnikund Barrage	202	1275	Tulargram	44
1216	Takli	83	1276	Tumnar	74
1217	Tal	188	1277	Tumri	188
1218	Talaswada	128	1278	Tunganath	169
1219	Talcher	105	1279	Turtipar	174
1220	Talikot	141	1280	Tusuma	153
1221	Talnar	74	1281	Tuting	38
1222	Tandi	68	1282	Udaipur	40
1223	Tantloi	152	1283	Udaipur	69
1224	Tarabari	35	1284	Udharbond	45
1225	Tarapur	114	1285	Udi	195
1226	Targaon	83	1286	Ujjain	188
1227	Tarinipur	160	1287	Ukai Dam	128
1228	Tawanagar	146	1288	Ukhimath	169
1229	Tejam (Sobla)	197	1289	Umroi	48
1230	TELKOI	106	1290	Una	124
1231	Temni	136	1291	Unnao Balaji	195
1232	Tendui	101	1292	Upper Indravati Dam	75
1233	Tenughat Dam	152	1293	Upper Kolab Dam	75
1234	Teska	128	1294	Urachikottai	62
1235	Tezpur	40	1295	Uskabazar	174
1236	Tezu	38	1296	Uttarkashi	167
1237	Thakraha	91	1297	Vadapalli (Atreyapuram)	75
1238	Thakurmunda	109	1298	Valamuru	75
1239	Thal	174	1299	Valigonda	78
1240	Tharnam	136	1300	Vandiperiyar	60
1241	Thengudi	53	1301	Vapi	129
1242	Thengumarahada	61	1302	Varanasi	101
1243	Theni	63	1303	Vautha	122
1244	Therriaghat	48	1304	Vazhavachanur	55
1245	Thettatanagar	114	1305	Veerlapalem	78
1246	Thevur	62	1306	Velda (Nizar)	128
1247	Thirunavalur	55	1307	Vellaikadavu	60
1248	Thiruvalam	55	1308	Verupakshapuram	55
1249	Thiruvarambu	60	1309	Vijay Raghavgarh	101
1250	Thiruvattar	60	1310	Vijayawada	78
1251	Thoothibari	174	1311	Vikkiralapeta	78
1252	Thoppur	62	1312	Villupuram	55
1253	Thottathinkadavu	60	1313	Wadakbal	83
1254	Thumpamon	60	1314	Wadenapally	78
1255	Tighara	195	1315	Wairagarh	136
1256	Tikarapara	115	1316	Wanakbori	120
1257	Tilaiya Dam	153	1317	Waraseoni	136
1258	Tilga	106	1318	Warunji	83
1259	Tilpara Mihirlal Barrage	153	1319	Watrak Dam	122
1260	Titang	69	1320	Yadgir	78
1261	Titawi	202	1321	Yashwant Nagar	202
1262	Tlabung	49	1322	Yelli	80
1263	Tlawng HEP	49	1323	Yennehole	57
1264	Todarpur	181	1324	Yingkiong	39
1265	Tonk	188	1325	Yingkiong	41
1266	Trimohinighat	174	1326	Zari	80
1267	Triveni	91			
1268	Tufanganj	157			
1269	Tuichang	50			
1270	Tuichawng	49			

3. Basin wise details of Meteorological sites

S.No	Basin	Total Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Barak & other Basin	49	49	28	-	-	-	-	-	-	-
2	Brahmani & Baitarni Basin	24	23	23	-	3	-	-	1	1	3
3	Brahmaputra Basin	104	82	50	-	1	-	-	-	-	-
4	Cauvery Basin	31	30	31	-	29	-	-	24	-	19
5	EFR Between Krishna & Pennar	1	1	1	1	1	-	-	-	-	-
6	EFR Between Mahanadi & Godavari	18	18	18	-	4	-	-	-	-	1
7	EFR between Pennar and Cauvery	21	21	11	-	15	-	-	8	-	2
8	EFR south of Cauvery	8	8	8	-	8	-	-	8	-	7
9	Ganga Basin	526	512	426	-	-	-	-	110	-	20
10	Godavari Basin	125	121	112	1	8	-	-	2	1	3
11	Indus (Up to Border) Basin	17	16	12	-	-	6	-	12	-	-
12	Krishna Basin	61	57	58	20	44	-	3	21	3	7
13	Mahanadi Basin	55	55	52	-	25	-	-	23	-	24
14	Mahi Basin	17	17	1	-	1	-	-	1	-	2
15	Minor Rivers Draining into Bangladesh	4	4	1	-	-	-	-	-	-	-
16	Minor Rivers Draining into Myanmar	5	5	-	-	-	-	-	-	-	-
17	Narmada Basin	26	26	19	-	19	-	-	19	-	12
18	Pennar Basin	12	12	9	-	9	-	-	9	-	1
19	Sabarmati Basin	13	13	-	-	-	-	-	-	-	-
20	Subernarekha Basin	15	15	15	-	1	-	-	-	-	-
21	Tapi Basin	36	36	13	2	13	-	-	12	-	10
22	WFR of Kutch and Saurashtra including Luni Basin	18	18	-	-	-	-	-	-	-	-
23	WFR South of Tapi	66	59	48	2	33	-	-	23	2	9
Grand Total		1252	1198	936	26	214	6	3	273	7	120

Basin wise details of Exclusive Meteorological sites

S.No.	Basin	Total Exclusive Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Barak & other Basin	2	2	1	-	1	-	-	-	-	1
2	Brahmani & Baitarni Basin	1	1	-	-	-	-	-	-	-	-
3	Brahmaputra Basin	16	16	2	-	2	-	-	2	2	2
4	Ganga Basin	34	17	11	15	9	13	-	11	9	9
5	Godavari Basin	1	1	-	-	-	-	-	-	-	-
6	Indus (Up to Border) Basin	4	4	3	-	-	4	-	1	-	-
7	Mahanadi Basin	6	6	5	-	-	-	-	4	-	1
8	Mahi Basin	2	2	-	-	-	-	-	-	-	-
9	Narmada Basin	2	2	-	-	-	-	-	-	-	-
10	Tapi Basin	2	2	-	-	-	-	-	-	-	-
11	WFR South of Tapi	4	4	-	-	-	-	-	-	-	-
Grand Total		74	57	22	15	12	17	0	18	11	13

4. State / Union Territory wise details of Meteorological sites

S.No.	State/UT	Total Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Andhra Pradesh	44	44	34	9	20		1	10	1	2
2	Arunachal Pradesh	11	11	-	-	-	-	-	-	-	-
3	Assam	83	63	37	-	1	-	-	-	-	-
4	Bihar	98	98	81	-	-	-	-	51	-	-
5	Chhattisgarh	42	39	41	-	17	-	-	14	-	15
6	D&NH & D&D	3	3	1	-	-	-	-	-	-	-
7	Delhi	3	3	2	-	-	-	-	-	-	-
8	Goa	2	1	2	-	2	-	-	2	-	-
9	Gujarat	48	48	6	-	7	-	-	6	-	7
10	Haryana	10	10	8	-	-	-	-	-	-	-
11	Himachal Pradesh	21	20	15	-	-	4	-	8	-	-
12	Jammu & Kashmir	4	4	4	-	-	2	-	4	-	-
13	Jharkhand	34	32	13	-	1	-	-	-	-	-
14	Karnataka	42	38	41	4	28	-	-	14	-	14
15	Kerala	38	36	27	1	19	-	-	9	1	3
16	Madhya Pradesh	104	104	85	-	19	-	-	20	-	13
17	Maharashtra	100	94	82	2	34	-	1	31	2	8
18	Manipur	1	1	-	-	-	-	-	-	-	-
19	Meghalaya	8	8	5	-	-	-	-	-	-	-
20	Mizoram	13	13	2	-	-	-	-	-	-	-
21	Odisha	82	81	73	-	14	-	-	10	1	13
22	Puducherry	3	3	3	-	3	-	-	3	-	1
23	Rajasthan	36	36	22	-	-	-	-	-	-	1
24	Sikkim	8	7	2	-	-	-	-	-	-	-
25	Tamil Nadu	45	45	38	1	40	-	-	30	1	22
26	Telangana	29	29	24	9	9	-	1	2	1	3
27	Tripura	13	13	9	-	-	-	-	-	-	-
28	Uttar Pradesh	178	176	162	-	-	-	-	49	-	18
29	Uttarakhand	67	63	64	-	-	-	-	10	-	-
30	West Bengal	82	75	53	-	-	-	-	-	-	-
	Grand Total	1252	1198	936	26	214	6	3	273	7	120

State / Union Territory wise details of Exclusive Meteorological sites

S.No.	State/UT	Total Exclusive Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Arunachal Pradesh	8	8	2	-	2	-	-	2	2	2
2	Assam	5	5	-	-	-	-	-	-	-	-
3	Chhattisgarh	3	3	2	-	-	-	-	2	-	-
4	Gujarat	1	1	-	-	-	-	-	-	-	-
5	Himachal Pradesh	5	5	5	-	-	5	-	3	-	-
6	Jammu & Kashmir	1	1	-	-	-	1	-	-	-	-
7	Jharkhand	2	2	-	-	-	-	-	-	-	-
8	Madhya Pradesh	2	2	-	-	-	-	-	-	-	-
9	Maharashtra	7	7	-	-	-	-	-	-	-	-
10	Mizoram	2	2	1	-	1	-	-	-	-	1
11	Odisha	4	4	3	-	-	-	-	2	-	1
12	Rajasthan	1	1	-	-	-	-	-	-	-	-
13	Sikkim	3	3	-	-	-	-	-	-	-	-
14	Uttar Pradesh	1	1	-	-	-	-	-	-	-	-
15	Uttarakhand	25	8	9	15	9	11	-	9	9	9
16	West Bengal	4	4	-	-	-	-	-	-	-	-
	Grand Total	74	57	22	15	12	17	0	18	11	13

5. Organization wise details of Meteorological sites

S.No.	Organisation	Total Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Barak & Other Basins Organisation, Shillong	58	58	29	-	-	-	-	-	-	-
2	Brahmaputra Basin Organisation, Guwahati	69	50	22	-	1	-	-	-	-	-
3	Cauvery & Southern Rivers Organisation, Coimbatore	109	106	85	2	77	-	-	56	2	31
4	Indus Basin Organisation, Chandigarh	17	16	12	-	-	6	-	12	-	-
5	Krishna and Godavari Basin Organisation, Hyderabad	120	112	104	22	50	-	3	27	4	6
6	Lower Ganga Basin Organisation, Patna	154	154	112	-	-	-	-	53	-	-
7	Mahanadi & Eastern River Basin Organisation, Bhubaneswar	112	111	108	-	33	-	-	24	1	28
8	Mahi & Tapi Basin Organisation, Gandhinagar	98	98	17	2	17	-	-	15	-	15
9	Monitoring Central Organisation, Nagpur	60	60	60	-	-	-	-	-	-	-
10	Monitoring South Organisation, Bengaluru	27	22	27	-	19	-	-	11	-	10
11	Narmada Basin Organisation, Bhopal	21	21	18	-	17	-	-	18	-	10
12	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata	114	103	58	-	-	-	-	-	-	-
13	Upper Ganga Basin Organisation, Lucknow	141	141	140	-	-	-	-	57	-	18
14	Yamuna Basin Organisation, New Delhi	152	146	144	-	-	-	-	-	-	2
Grand Total		1252	1198	936	26	214	6	3	273	7	120

Organization wise details of Exclusive Meteorological sites

S.No.	Organisation	Total Exclusive Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Barak & Other Basins Organisation, Shillong	2	2	1	-	1	-	-	-	-	1
2	Brahmaputra Basin Organisation, Guwahati	13	13	2	-	2	-	-	2	2	2
3	Indus Basin Organisation, Chandigarh	6	6	5	-	-	6	-	3	-	-
4	Krishna and Godavari Basin Organisation, Hyderabad	1	1	-	-	-	-	-	-	-	-
5	Mahanadi & Eastern River Basin Organisation, Bhubaneswar	7	7	5	-	-	-	-	4	-	1
6	Mahi & Tapi Basin Organisation, Gandhinagar	8	8	-	-	-	-	-	-	-	-
7	Narmada Basin Organisation, Bhopal	2	2	-	-	-	-	-	-	-	-
8	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata	9	9	-	-	-	-	-	-	-	-
9	Upper Ganga Basin Organisation, Lucknow	19	2	9	15	9	9	-	9	9	9
10	Yamuna Basin Organisation, New Delhi	7	7	-	-	-	2	-	-	-	-
Grand Total		74	57	22	15	12	17	0	18	11	13

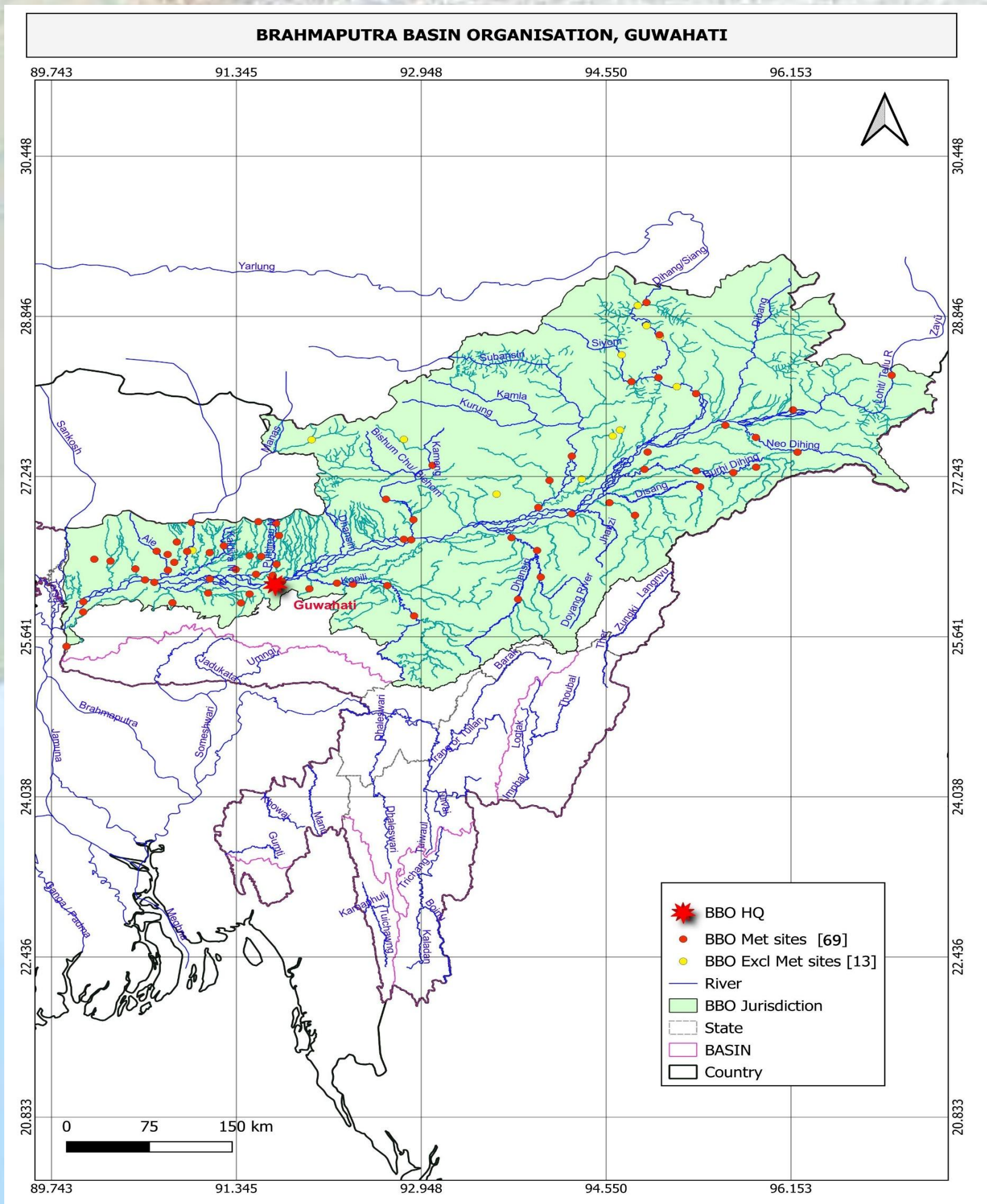
6. Division wise details of Meteorological sites

S.No.	Division	Total Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Cauvery Division, Bengaluru	27	22	27	-	19	-	-	11	-	10
2	Chambal Division, Jaipur	34	34	34	-	-	-	-	-	-	-
3	Chenab Division, Jammu	4	4	4	-	-	2	-	4	-	-
4	Damodar Division, Asansol	49	49	-	-	-	-	-	-	-	-
5	Eastern River Division, Bhubaneswar	57	56	56	-	8	-	-	1	1	4
6	Himalayan Ganga Division, Dehradun	32	32	31	-	-	-	-	-	-	-
7	Hydrology Division, Chennai	40	40	27	-	31	-	-	24	-	7
8	Lower Brahmaputra Division, Jalpaiguri	32	29	31	-	-	-	-	53	-	-
9	Lower Ganga Division/I, Patna	60	60	55	-	-	-	-	-	-	-
10	Lower Ganga Division/II, Patna	42	42	32	-	-	-	-	-	-	-
11	Lower Ganga Division/III, Behrampore	27	19	27	-	-	-	-	-	-	-
12	Lower Godavari Division, Hyderabad	38	35	27	-	-	-	-	-	-	-
13	Lower Krishna Division, Hyderabad	31	31	28	21	20	-	2	1	2	2
14	Lower Yamuna Division, Agra	66	66	64	-	-	-	-	-	-	2
15	Mahanadi Division, Burla	55	55	52	-	25	-	-	23	-	24
16	Mahi Division, Gandhinagar	47	47	-	-	-	-	-	-	-	1
17	Meghna Division, Silchar	27	27	16	-	-	-	-	-	-	-
18	Meghna Investigation Division, Shillong	20	20	13	-	-	-	-	-	-	-
19	Middle Brahmaputra Division, Guwahati	38	19	22	-	1	-	-	-	-	-
20	Middle Ganga Division/I, Lucknow	49	49	49	-	-	-	-	-	-	9
21	Middle Ganga Division/II, Lucknow	60	60	60	-	-	-	-	57	-	9
22	Middle Ganga Division/III, Varanasi	52	52	25	-	-	-	-	-	-	-
23	Narmada Division, Bhopal	21	21	18	-	17	-	-	18	-	10
24	NEID/II Aizawl	11	11	-	-	-	-	-	-	-	-
25	P&ID, Faridabad	6	4	4	-	-	-	-	-	-	-
26	Sikkim Investigation Division	6	6	-	-	-	-	-	-	-	-
27	Snow Hydrology Division, Shimla	13	12	8	-	-	4	-	8	-	-
28	Southern River Division, Coimbatore	22	22	22	-	22	-	-	20	-	16
29	Southern Western River Division, Kochi	47	44	36	2	24	-	-	12	2	8
30	Tapi Division, Surat	51	51	17	2	17	-	-	15	-	14
31	Upper Brahmaputra Division, Dibrugarh	31	31	-	-	-	-	-	-	-	-
32	Upper Godavari Division, Hyderabad	27	26	25	1	8	-	-	2	1	3
33	Upper Krishna Division, Pune	24	20	24	-	22	-	1	24	1	1
34	Upper Yamuna Division, New Delhi	46	42	42	-	-	-	-	-	-	-
35	Wainganga Division, Nagpur	60	60	60	-	-	-	-	-	-	-
Grand Total		1252	1198	936	26	214	06	03	273	7	120

7. Division wise details of Exclusive Met sites

S.No.	Division	Total Exclusive Met Sites	Rf	Mt	Ar	Wv	Sf	FCS	Hu	Ss	Pe
1	Chenab Division, Jammu	1	1	-	-	-	1	-	-	-	-
2	Damodar Division, Asansol	6	6	-	-	-	-	-	-	-	-
3	Eastern River Division, Bhubaneswar	1	1	-	-	-	-	-	-	-	-
4	Himalayan Ganga Division, Dehradun	10	-	7	8	7	7	-	7	7	7
5	Mahanadi Division, Burla	6	6	5	-	-	-	-	4	-	1
6	Mahi Division, Gandhinagar	2	2	-	-	-	-	-	-	-	-
7	Middle Brahmaputra Division, Guwahati	2	2	-	-	-	-	-	-	-	-
8	Middle Ganga Division/I, Lucknow	5	2	2	3	2	2	-	2	2	2
9	Middle Ganga Division/II, Lucknow	4	-	-	4	-	-	-	-	-	-
10	Narmada Division, Bhopal	2	2	-	-	-	-	-	-	-	-
11	NEID/II, Aizawl	2	2	1	-	1	-	-	-	-	1
12	NEID/III, Itanagar	2	2	2	-	2	-	-	2	2	2
13	P&ID, Faridabad	7	7	-	-	-	2	-	-	-	-
14	Sikkim Investigation Division, Gangtok	3	3	-	-	-	-	-	-	-	-
15	Snow Hydrology Division, Shimla	5	5	5	-	-	5	-	3	-	-
16	Tapi Division, Surat	6	6	-	-	-	-	-	-	-	-
17	Upper Brahmaputra Division, Dibrugarh	9	9	-	-	-	-	-	-	-	-
18	Upper Godavari Division, Hyderabad	1	1	-	-	-	-	-	-	-	-
Grand Total		74	57	22	15	12	17	0	18	11	13

BRAHMAPUTRA BASIN ORGANISATION





UDAIPUR SITE ON RIVER TIRAP



BHOMORAGURI SITE ON RIVER BRAHMAPUTRA



GAUGE & FF SITE TEZPUR ON RIVER BRAHMAPUTRA

Details of the Meteorological Observations on HO/FF Stations	
Region	Brahmaputra Basin Organisation, Guwahati
Circle	Hydrological Observation & Investigation Circle, Guwahati
Division	Middle Brahmaputra Division, Guwahati
TOTAL NUMBER OF SITES - 38	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Aie N.H.Xing	Assam	Barpeta	HO	Aie	26.4975	90.6547	Rf Hu	16/12/1991 16/12/1991
2.	Bahalpur	Assam	Barpeta	HO	Champamati	26.3182	90.4695	Rf Hu	01/01/1992 01/01/1992
3.	Beki Road Bridge	Assam	Barpeta	HO/FF	Beki	26.4941	90.9162	Rf Mt Hu	01/01/1971 01/01/1971 16/06/2003
4.	Chaklagaon	Assam	Bongaigaon	HO	Manas	26.3852	90.8065	Rf	08/06/2019
5.	Changsari	Assam	Kamrup(R)	HO	Brahmaputra	26.2548	91.6602	Mt	24.07.2014
6.	Dharamtul	Assam	Morigaon	HO/FF	Kopili	26.1662	92.3554	Rf	15/05/1981 15/01/2004
7.	DRF	Assam	Baksa (BTAD)	HO	Puthimari	26.775	91.6892	Rf Hu	05/01/1972 05/01/1972
8.	Dhubri	Assam	Barpeta	HO/FF	Brahmaputra	26.0167	89.9903	Rf	24/05/1905
9.	Dudhnoi	Assam	Goalpara	HO	Dudhnoi	25.9806	90.7906	Mt Hu	15/05/1989 01/07/1989
10.	Goalpara	Assam	Goalpara	HO/FF	Brahmaputra	26.2042	90.5814	Rf Hu	05/01/1971 05/01/1971
11.	Guwahati D.C Court	Assam	Kamrup (Metro)	HO/FF	Brahmaputra	26.19027	91.745	Rf	15/05/2019
12.	Jagibhakatgaon	Assam	Morigaon	HO	Kopili	26.1771	92.2176	Rf	01/05/2012

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
13.	Kakripara	Assam	South Salmara	HO	Jinjiram	25.5118	89.8723	Rf	12/06/2019 31/10/2019 18/11/2019
14.	Kampur	Assam	Nagaon	HO/FF	Kopili	26.1528	92.6536	Rf	01/05/1980 16/01/2004
15.	Kheronighat	Assam	West Karbi Anglong	HO/FF	Kopili	25.8483	92.8883	Rf	15/05/1981 15/01/2004
16.	Khudrakhowa	Assam	Barpeta	HO	Manas	26.3069	90.7511	Rf	08/06/2019
17.	Kokrajhar	Assam	Kokrajhar	HO/FF	Gaurang	26.3964	90.2544	Rf Mt Wv	01/01/1985 01/01/1985 21/08/1971
18.	Kulsi	Assam	Kamrup (Rural)	HO	Kulsi	25.9792	91.3858	Mt	15/05/1990
19.	Kusumbil	Assam	Kokrajhar	HO	Tipkai	26.4164	90.1132	Rf	07/06/2019
20.	Malibari	Assam	Kamrup(R)	HO	Jaljali	26.0774	91.1003	Mt	25/09/2016
21.	Manas N.H.Xing	Assam	Bongaigaon	HO/FF	Manas	26.4645	90.7494	Rf Mt Wv Hu	01/01/1976 27/11/2003 27/11/2003 27/11/2003
22.	Mathunguri	Assam	Baksha	HO/FF	Beki	26.7819	90.9572	Rf Hu	01/01/1976 01/01/1976
23.	Matunga	Assam	Baska (B.T.A.D.)	HO	Kalanadi	26.7917	91.5356	Rf Hu	15/05/1978 15/05/1978
24.	Nona	Assam	Nalbari	HO	Nona	26.4436	91.56004	Mt	23/09/2016
25.	Pagladiya	Assam	Nalbari	HO/FF	Pagladiya	26.4508	91.4603	Rf Hu	15/05/1971 15/05/1971
26.	Pahumara	Assam	Barpeta	HO	Pahumara	26.48195	91.1137	Rf	14/06/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
27.	Panbari	Assam	Chirang	HO	Burisuti	26.5917	90.829	Rf Hu	01/01/1979 01/01/1979
28.	Pancharatna	Assam	Goalpara	HO	Brahmaputra	26.2094	90.5533	Rf Mt Wv Hu	01/12/1990 18/07/1976 21/02/1979 21/02/1979
29.	Pandu	Assam	Kamrup (Metro)	HO	Brahmaputra	26.1753	91.6694	Mt Wv	05/01/1999 05/01/1999
30.	Patacharkuchi	Assam	Barpeta	HO	Kalodiya	26.5503	91.2365	Mt	22/12/2016
31.	Puthimari	Assam	Kamrup(R)	HO/FF	Puthimari	26.3667	91.6533	Rf Hu	15/05/1973 15/05/1973
32.	Ramdia	Assam	Kamrup(R)	HO	Barsali	26.2653	91.5155	Mt	23/09/2016
33.	Satpokhali	Assam	Kamrup(R)	HO	Koa	26.06786	91.4593	Mt	28/07/2014
34.	Sholmari	Assam	Nalbari	HO	Chaulkhoa	26.3138	91.3395	Mt	23/09/2016
35.	Sonapur	Assam	Kamrup (Rural)	HO	Digaru	26.1204	91.9784	Rf Mt Wv Hu	01/07/1989 01/07/1989 01/07/1989 01/07/1989
36.	South Salmara	Assam	South Salmara	HO	Brahmaputra	25.8884	90.0167	Rf	11/06/2019 18/11/2019
37.	Tarabari	Assam	Barpeta	HO	Brahmaputra	26.2185	91.1148	Rf	08/06/2019 18/11/2019
38.	Suklai	Assam	Baska (B.T.A.D.)	HO	Suklai	26.6539	91.7153	Mt Hu	05/01/1978 05/01/1978

Details of the Exclusive Meteorological Observation Stations	
Region	Brahmaputra Basin Organisation, Guwahati
Circle	Hydrological Observation & Investigation Circle, Guwahati
Division	Middle Brahmaputra Division, Guwahati
TOTAL NUMBER OF SITES-2	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1	MSD Barpeta Road	Assam	Barpeta	Met	Ganga / Brahmaputra	26.504	90.964	RF	1989
2	CWC Campus, Guwahati	Assam	Kamrup (Metro)	Met	Ganga / Brahmaputra	26.160	91.680	RF	06/04/2019

Details of the Exclusive Meteorological Observation Stations	
Region	Brahmaputra Basin Organization, Guwahati
Circle	Hydrological Observation & Investigation Circle, Guwahati
Division	North Eastern Investigation Division-III, Itanagar
TOTAL NUMBER OF SITES: 02	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Chimpu	Arunachal Pradesh	Papum Pare	Met	Ganga /Brahmaputra	27.0675	93.60055556	Rf Mt Wv Pe Ss Hu	01/06/2013
2.	Jang	Arunachal Pradesh	Tawang	Met	Ganga /Brahmaputra	27.611327	91.997583	Rf Mt Wv Pe Ss Hu	03/01/2017

Details of the Meteorological Observations on HO/FF Stations	
Region	Brahmaputra Basin Organisation, Guwahati
Circle	Hydrological Observation & Investigation Circle, Guwahati
Division	Upper Brahmaputra Division, Dibrugarh
TOTAL NUMBER OF SITES: 31	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bhalukpong	Arunachal Pradesh	West Kameng	HO	Kameng	27.016814	92.642169	Rf	01/01/1997
2.	Kabu Basti	Arunachal Pradesh	Upper Siang	HO	Siyum	28.192778	94.770278	Rf	31/08/1995
3.	Kibithu	Arunachal Pradesh	Anjaw	HO	Lohit	28.257222	97.025833	Rf	16/10/2007
4.	Miao	Arunachal Pradesh	Changlang	HO	Noa/Dehing	27.486944	96.209444	Rf	15/07/1977
5.	Namsai	Arunachal Pradesh	Namsai	HO	Noa/Dehing	27.6355	95.848	Rf	15/05/1971
6.	Pasighat	Arunachal Pradesh	East Siang	HO/FF	Siang	28.0732	95.33	Rf	01/05/1973
7.	Seppa	Arunachal Pradesh	East Kameng	HO	Kameng	27.3558	93.0452	Rf	01/05/1973
8.	Tezu	Arunachal Pradesh	Lohit	HO	Lohit	27.9108	96.1705	Rf	19/05/1973
9.	Tuting	Arunachal Pradesh	UpperSiang	HO	Brahmaputra/Siang	28.9849	94.9003	Rf	01/06/2007
10.	Pangin	Arunachal Pradesh	Siang	HO	Siang	28.2336	95.0026	Rf	06/03/2017

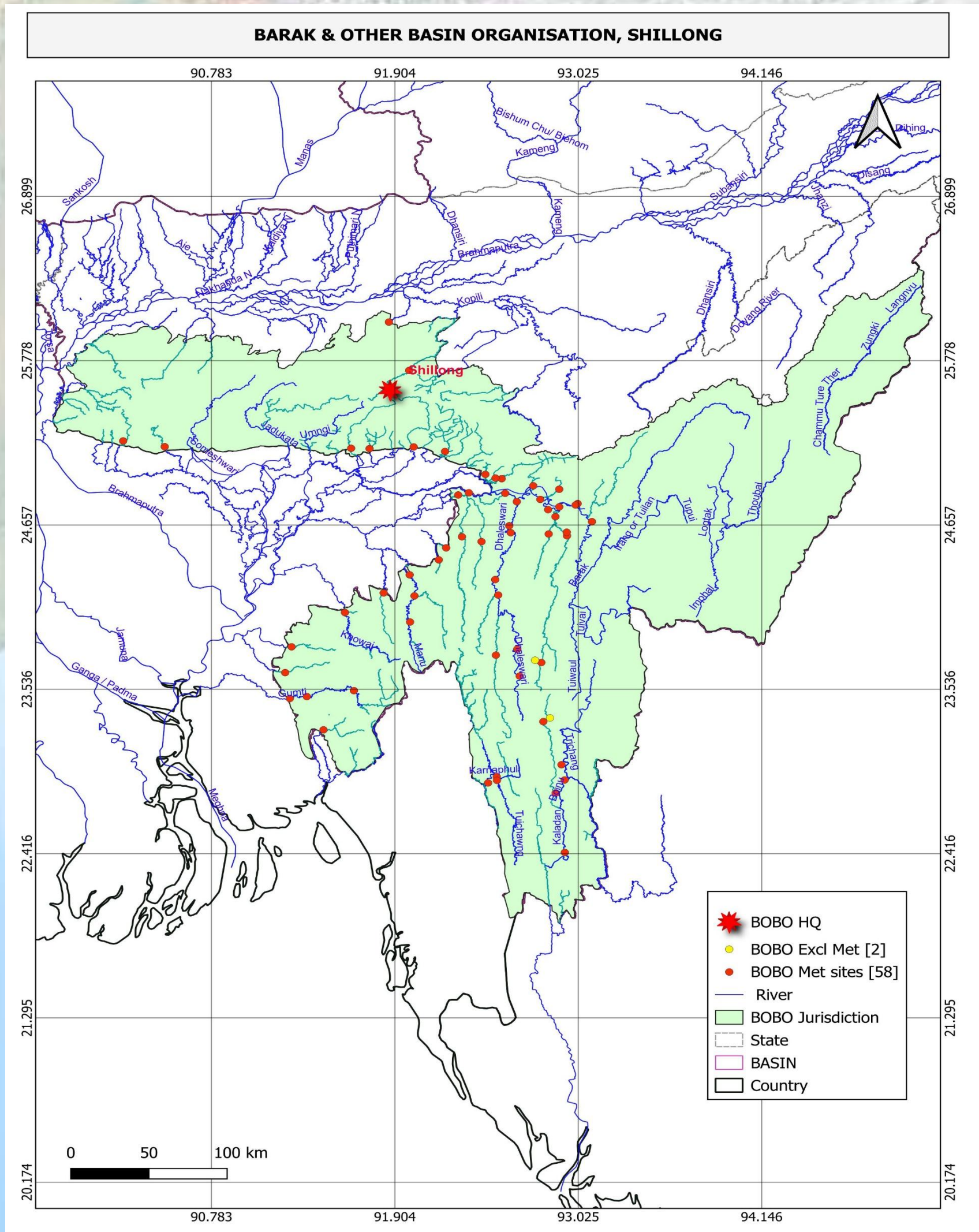
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Yingkiong	Arunachal Pradesh	Upper Siang	HO/FF	Siang	28.66179	95.01284	Rf	01/06/2020
12.	Badatighat	Assam	Lakhimpur	HO/FF	Subansiri	26.9347	93.9622	Rf	01/05/1978
13.	Bhomoraguri	Assam	Sonitpur	HO	Brahmaputra	26.6102	92.8602	Rf	01/04/2010
14.	Bihubar	Assam	Sivasagar	HO	Dikhow	26.8558	94.8005	Rf	15/05/1976
15.	Bokajan	Assam	East Karbi Anglong	HO	Dhansiri(S)	26.0161	93.7872	Rf	15/05/1978
16.	Chenimari	Assam	Dibrugarh	HO/FF	Buri/Dehing	27.3158	94.8825	Rf	30/04/1973
17.	Chouldhowaghat	Assam	Lakhimpur	HO/FF	Subansiri	27.4475	94.2527	Rf	01/05/1978
18.	Dhola	Assam	Tinsukia	HO	Lohit	27.7566	95.5838	Rf	17/05/1971
19.	Dibrugarh	Assam	Dibrugarh	HO/FF	Brahmaputra	27.4884	94.91	Rf	16/05/1974
20.	Dillighat	Assam	Dibrugarh	HO	Desang	27.14	95.3658	Rf	14/02/1997
21.	Gelabil	Assam	Golaghat	HO	Doyang	26.2375	93.9836	Rf	30/04/2014
22.	Golaghat	Assam	Golaghat	HO/FF	Dhansiri (S)	26.5033	93.9519	Rf	15/05/1976

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Jiabharali NT Road X/ing	Assam	Lakhimpur	HO/FF	Jiabharali	26.8113	92.8797	Rf	01/11/1989
24.	Margherita	Assam	Tinsukia	HO	Buri/Dehing	27.2836	95.6527	Rf	16/05/1971
25.	Naharkatia	Assam	Dibrugarh	HO/FF	Buri/Dehing	27.3005	95.3308	Rf	01/01/1975
26.	Nematighat	Assam	Jorhat	HO/FF	Brahmaputra	26.87	94.2522	Rf	01/06/1976
27.	Numaligarh	Assam	Golaghat	HO/FF	Dhansiri(S)	26.6311	93.7308	Rf	01/05/1977
28.	Ranganadi NT/Road crossing	Assam	Lakhimpur	HO/FF	Brahmaputra/Ranganadi	27.2042	94.0596	Rf	01/06/2005
29.	Sivasagar	Assam	Sivasagar	HO/FF	Dikhow	26.9817	94.579	Rf	01/01/1995
30.	Tezpur	Assam	Sonitpur	HO/FF	Brahmaputra	26.6155	92.7966	Rf	15/05/1976
31.	Udaipur	Assam	Tinsukia	HO	Tirap	27.3372	95.8502	Rf	01/01/2014

Details of the Exclusive Meteorological Observation Stations	
Region	Brahmaputra Basin Organisation, Guwahati
Circle	Hydrological Observation & Investigation Circle, Guwahati
Division	Upper Brahmaputra Division, Dibrugarh
TOTAL NUMBER OF SITES: 9	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/ Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bille	Arunachal Pradesh	West Siang	Met & FF	-	28.4608333	94.685	Rf	22/04/2007
2.	Routang	Arunachal Pradesh	East Siang	Met & FF	-	28.1425	95.163056	Rf	20/04/2007
3.	Kane (Magigaon)	Arunachal Pradesh	West Siang	Met & FF	-	27.7086	94.67055	Rf	01/06/2007
4.	Ningguing	Arunachal Pradesh	Upper Siang	Met & FF	-	28.955278	94.824722	Rf	01/10/2007
5.	Bamdo	Arunachal Pradesh	Upper Siang	Met & FF	-	28.753611	94.900833	Rf	07/06/2007
6.	Yingkiong	Arunachal Pradesh	Upper Siang	Met & FF	-	28.64361	95.016944	Rf	27/09/2007
7.	Basudevthan	Assam	Lakhimpur	Met & FF	-	27.218056	94.338889	Rf	26/04/2007
8.	Kangkoo Basti	Assam	Dhemaji	Met & FF	-	27.649722	94.60805	Rf	27/04/2007
9.	Neriwalm	Assam	Sonitpur	Met & FF	-	27.615555	92.79666	Rf	12/09/2017

BARAK AND OTHER BASIN ORGANISATION





TERABONIA SITE ON RIVER JURI



TUIRIAL SITE, NEID-II ON RIVER TUIRIAL



NEID-II OFFICE CAMPUS, AIZAWL

Details of the Meteorological Observations on HO/FF Stations	
Region	Barak and Other Basins Organisation, Shillong
Circle	Meghna Circle, Silchar
Division	Meghna Division, Silchar
TOTAL NUMBER OF SITES-27	
Basin: Barak & Other Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Anipur	Assam	Karimganj	HO	Meghna / Singla	24.54397	92.43356	Rf Mt	18/11/2008 01/01/1989
2.	Monierkhal	Assam	Cachar	HO	Meghna / Sonai	24.58361	92.95583	Rf Mt	01/03/2001 08/12/1988
3.	Tulargram	Assam	Cachar	HO	Sonai	24.71443	92.88499	Rf Mt	01/01/1997 01/01/1989
4.	Borkhola	Assam	Cachar	HO	Jatinga	24.92467	92.74971	Rf	01/10/2021
5.	Chiripool	Assam	Cachar	HO	Chiri	24.80352	93.02099	Rf	11/09/2021
6.	Kalain	Assam	Cachar	HO	Kakrakhal	24.9731	92.5568	Rf	11/09/2021
7.	Katigora	Assam	Cachar	HO	Katakhal	24.81653	92.64918	Rf	02/09/2021
8.	Lala	Assam	Hailakandi	HO	Katakhal	24.60466	92.61216	Rf Mt	09/02/2021 09/02/2021
9.	Neairgram	Assam	Cachar	HO	Barak	24.76222	92.84028	Rf Mt	14/09/2021 14/09/2021
10.	Patharkandi	Assam	Karimganj	HO	Longai	24.57701	92.31392	Rf	02/09/2021

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Sibapur	Assam	Cachar	HO	Barak	24.78085	92.90868	Rf	09/07/2021
12.	Udharbond	Assam	Cachar	HO	Madhura	24.9012	92.9084	Rf	14/09/2021
13.	Sairang	Mizoram	Aizawl	HO	Meghna / Dhaleswari	23.8107	92.65229	Rf Mt	01/07/2004 08/09/1992
14.	Tuirial	Mizoram	Aizawl	HO	Meghna / Tuirial	23.71944	92.79917	Rf Mt	01/07/1998 01/06/2002
15.	Amarpur	Tripura	Gomati	HO	Meghna / Gumti	23.52746	91.6538	Rf	03/05/2014
16.	Gajaria	Tripura	Sepahijala	HO	Meghna/Burima/Bijoy	23.65049	91.23369	Rf Mt	01/03/1988 01/04/1986
17.	Haora	Tripura	West Tripura	HO	Meghna / Haora	23.8264	91.27292	Rf Mt	18/04/1986 01/01/2017
18.	Kailashahar	Tripura	Unakoti	HO / FF	Manu	24.31727	91.99451	Rf Mt	01/04/1986 02/07/1993
19.	Kamalpur	Tripura	North Tripura	HO	Meghna / Dhalai	24.19409	91.83578	Rf Mt	01/07/1993 07/01/1985
20.	Khowai	Tripura	West Tripura	HO	Meghna / Khowai	24.06026	91.59908	Rf Mt	01/01/1992 01/01/2017
21.	Kumarghat	Tripura	Unakoti	HO	Meghna / Manu	24.1739	92.02379	Rf Mt	01/10/1993 01/03/1991
22.	Manughat	Tripura	Dhalai	HO	Manu	23.99569	91.99695	Rf	12/05/2014

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Nutanbazar	Tripura	North Tripura	HO	Juri	24.41952	92.17225	Rf Mt	01/07/1993 01/01/1984
24.	Sonamura	Tripura	Sepahijala	HO / FF	Meghna / Gumti	23.47393	91.26227	Rf Mt	01/04/1992 01/01/1984
25.	Kadamtala	Tripura	North Tripura	HO	Talgang	24.50122	92.2175	Rf	02/09/2021
26.	Sonamura/II	Tripura	Sepahijala	HO	Gumti	23.48717	91.36608	Rf	01/09/2021
Basin: Minor Rivers Draining into Myanmar and Bangladesh									
27.	Belonia	Tripura	South Tripura	HO	Muhari	23.26007	91.46786	Rf Mt	01/05/1986 11/06/1985

Details of the Meteorological Observations on HO/FF Stations	
Region	Barak and Other Basins Organisation, Shillong
Circle	Meghna Circle, Silchar
Division	Meghna Investigation Division, Shillong
TOTAL NUMBER OF SITES- 20	
Basin: Barak & Other Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Amraghat	Assam	Cachar	HO	Sonai	24.60786	92.95428	Rf	01/05/1973
2.	Anna Purna Ghat	Assam	Cachar	HO / FF	Meghna	24.83183	92.7927	Rf Mt	01/05/1972 01/06/2000
3.	Badarpur ghat	Assam	Karimganj	HO / FF	Barak	24.87362	92.57789	Rf Mt	04/01/1998 04/01/1998
4.	Dholai	Assam	Cachar	HO	Barak / Rukni	24.596	92.8441	Rf Mt	01/05/1973 01/06/1999
5.	Fakirabazar	Assam	Karimganj	HO	Kushiyara / Longai	24.86186	92.29102	Rf Mt	01/01/1991 01/06/1999
6.	Fulertal	Assam	Cachar	HO	Barak	24.79358	93.00839	Rf Mt	01/05/1972 01/07/2000
7.	Gharmura	Assam	Hailakandi	HO	Dhaleswari	24.28487	92.51728	Rf	01/05/1973
8.	Gumrabazar	Assam	Cachar	HO	Meghna / Surma /Gumra	24.97745	92.51901	Rf Mt	06/01/1999 06/01/1999
9.	Karimganj	Assam	Karimganj	HO / FF	Kushiyara	24.87686	92.35615	Rf	01/05/1992
10.	Matijuri	Assam	Hailakandi	HO / FF	Barak / Katakhal / Dhaleshwari	24.6518	92.60283	Rf Mt	01/01/1995 01/07/1999

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Chotabekra	Manipur	Jiribam	HO	Barak	24.68011	93.10825	Rf	01/05/1972
12.	Dawki	Meghalaya	Jaintia Hills	HO	Meghna / Umngot	25.18463	92.02173	Rf Mt	03/08/2011 01/06/2001
13.	Dimapara	Meghalaya	South Garo Hills	HO	Meghna / Bugi	25.23048	90.24362	Rf Mt	15/06/1982 01/06/2000
14.	Sibbari	Meghalaya	South Garo Hills	HO	Meghna / Dareng	25.19127	90.49778	Rf Mt	11/06/1982 01/06/2000
15.	Therriaghat	Meghalaya	East Khasi Hills	HO	Umsohrynkiew	25.17822	91.74921	Rf Mt	01/06/1982 01/06/2000
16.	Byrnihat	Meghalaya	Ri/Bhoi	HO	Umtru	26.04139	91.86746	Rf	01/10/2021
17.	Kharkhana	Meghalaya	West Jaintia Hills	HO	Myntdu / Meghna	25.15891	92.21077	Rf Mt	01/03/1997 01/07/2000
18.	Shella	Meghalaya	East Khasi Hills	HO	Umiew	25.18042	91.63672	Rf	01/07/2021
19.	Umroi	Meghalaya	Ri/ Bhoi	HO	Umiam	25.71122	91.99132	Rf	01/07/2021
20.	Jalalpur	Assam	Cachar	HO	Boleswar/Surma/Meghna	25.00252	92.45722	Rf Mt	08/06/2019 09/06/2019

Details of the Meteorological Observations on HO/FF Stations	
Region	Barak and Other Basins Organisation, Shillong
Circle	North Eastern Investigation Circle, Shillong
Division	NEID-II, Aizawl
TOTAL NUMBER OF SITES-11	
Basin: Barak & Other Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bairabi	Mizoram	Kolasib	HO	Tlawng	24.1797	92.5355	Rf	01/05/2017
2.	Dapchhuah	Mizoram	Mamit	HO	Tut	23.7694	92.5214	Rf	01/05/2019
3.	Tlawng HEP	Mizoram	Aizwal	HO	Tlawng	23.6269	92.6666	Rf	01/01/2017

Basin: Minor Rivers Draining into Bangladesh

4.	Mateswari	Mizoram	Lunglei	HO	Deh	22.9403	92.5265	Rf	25/07/2013
5.	Tlabung	Mizoram	Lunglei	HO	Karnaphuli	22.8983	92.4738	Rf	06/09/2013
6.	Tuichawng	Mizoram	Lunglei	HO	Tuichawng	22.9153	92.528	Rf	08/11/2019

Basin: Minor Rivers Draining into Myanmar

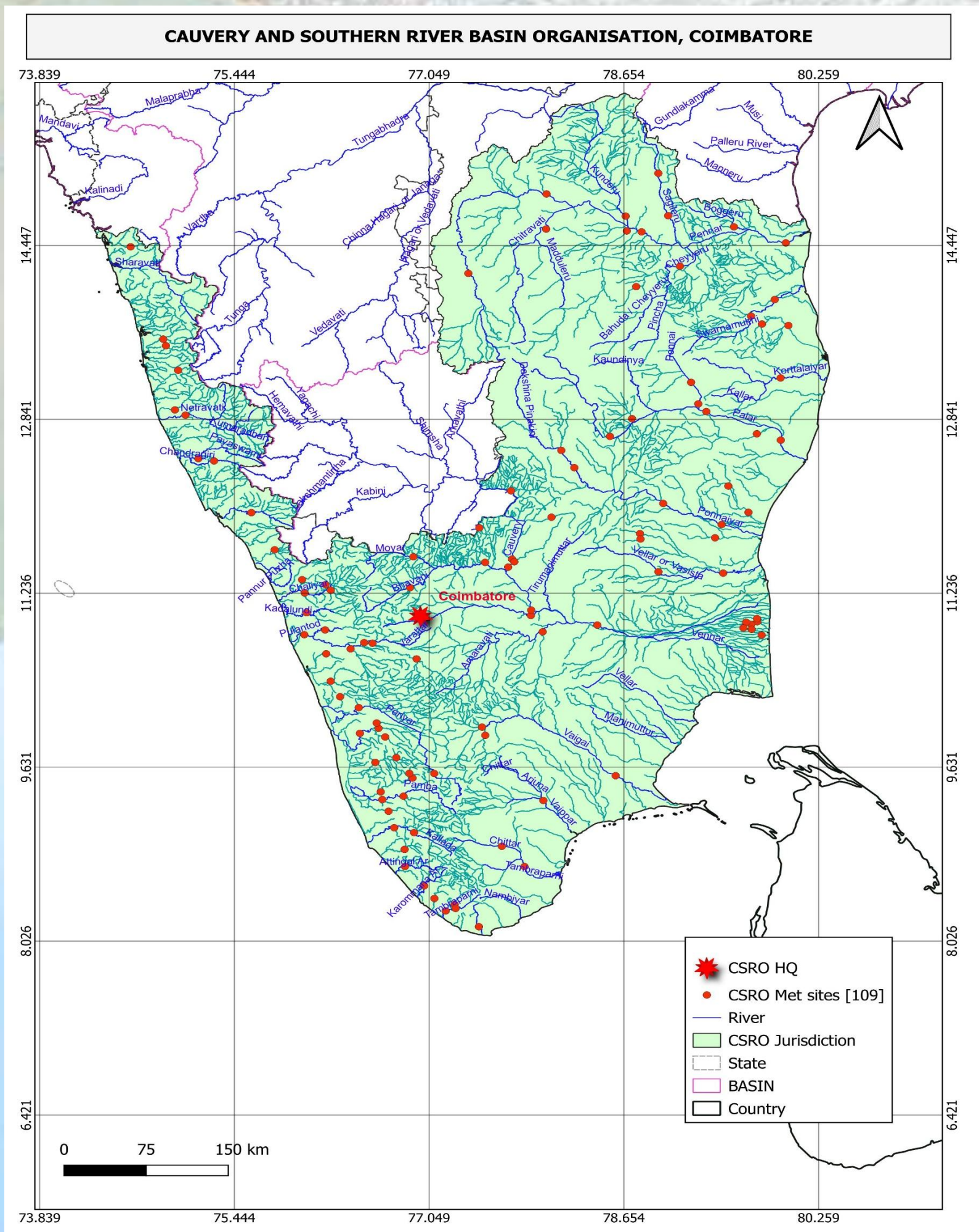
7.	Mat Sekawi	Mizoram	Lunglei	HO	Mat	22.8294	92.8866	Rf	01/07/2010
8.	Mat/1	Mizoram	Sechip	HO	Mat	23.3162	92.8111	Rf	23/09/2013

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
9.	Sihltlangpui	Mizoram	Lawngtlai	HO	Kolodyne	22.4236	92.9426	Rf	01/01/2013
10.	Tuichang	Mizoram	Lunglei	HO	Tuichang	23.02234	92.92209	Rf	05/06/2015
11.	Tuipui 'D'	Mizoram	Lunglei	HO	Kolodyne	22.9181	92.9413	Rf	22/06/2013

Details of the Exclusive Meteorological Observations Stations	
Region	Barak and Other Basins Organisation, Shillong
Circle	North Eastern Investigation Circle, Shillong
Division	NEID-II, Aizawl
TOTAL NUMBER OF SITES-02	
Basin: Barak & Other Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/ Tributary/ Sub-Tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	NEID II Aizawal	Mizoram	Aizawl	HO	-	23.7347	92.7608	Rf Mt Wv Pe	01/10/1992 12/01/2003 12/01/2003 12/01/2003
2.	MISD	Mizoram	Serchhip	HO	-	23.3414	92.8522	Rf	2014

CAUVERY & SOUTHERN RIVERS ORGANISATION





SITE MUSIRI UNDER SRD, CWC, COIMBATORE ON RIVER CAUVERY



NEERWALAM, CWC, OFFICE AT CHENNAI



SITE BILIGUNDULU UNDER SRD, CWC, COIMBATORE ON RIVER CAUVERY

Details of the Meteorological Observations on HO/FF Stations	
Region	Cauvery & Southern Rivers Organization, Coimbatore
Circle	Cauvery & Southern Rivers Circle, Bengaluru
Division	Hydrology Division, Chennai
TOTAL NUMBER OF SITES-40	
Basin: Cauvery	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Annavasal	Puducherry	Karaikal	HO	Cauvery/Nattar	10.97496	79.75374	Rf Mt Wv Hu Pe	28/11/2007 01/06/2002 01/10/2006 01/06/2006 05/05/2019
2.	Gopurajapuram	Tamil Nadu	Nagapattinam	HO	Cauvery/ Puravidaianar	10.85043	79.78953	Rf Mt Wv Hu	18/05/2013 01/06/2002 06/10/2006 01/02/2003
3.	Menangudi	Tamil Nadu	Thiruvarur	HO	Cauvery/Noolar	10.94895	79.70354	Rf Mt Wv Hu	17/08/2018 01/07/1997 10/04/2007 01/01/2002
4.	Nallathur	Puducherry	Karaikal	HO	Cauvery/Nandalar	11.00235	79.75147	Rf Mt Wv Hu	13/08/2018 01/08/2008 01/10/2008 01/06/2008
5.	Peralam	Tamil Nadu	Thiruvarur	HO	Cauvery/Vanjiyar	10.96943	79.66159	Rf Mt Wv Hu Pe	03/05/2013 01/09/2002 01/12/2005 01/06/2002 23/04/2019
6.	Porakudi	Tamil Nadu	Nagapattinam	HO	Cauvery/Arasalar	10.90361	79.70722	Rf Mt Wv Hu Pe	01/06/2001 20/06/2001 30/07/2004 20/06/2001 23/07/2004
7.	Thengudi	Tamil Nadu	Thiruvarur	HO	Cauvery/ Thirumalairajanar	10.91622	79.6392	Rf Mt Wv Hu Pe	01/06/2001 20/06/2001 30/07/2004 20/06/2001 29/04/2019
Basin: EFR between Pennar and Cauvery									
8.	Arcot	Tamil Nadu	RaniPEt	HO	Palar	12.91389	79.33333	Rf Mt Wv Hu	01/07/2018 20/09/1979 01/09/2022 09/02/2023

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
9.	Chengalpet	Tamil Nadu	ChengalPEt	HO	Palar	12.65	79.94722	Rf Mt Wv Hu	26/07/2006 01/10/1978 01/07/2008 20/12/2013
10.	Kalpadai	Tamil Nadu	Kallakurichi	HO	Vellar/Gomukhi Nadi(N)	11.78722	78.78658	Rf Wv	13/03/2021 01/02/2022
11.	Kudalaiyathur	Tamil Nadu	Cuddalore	HO	Vellar	11.42222	79.47222	Rf Mt	02/07/2019 01/11/1989
12.	Kumarapalayam	Puducherry	Puducherry	HO	Varahanadhi	11.98333	79.68056	Rf Mt Wv Hu	20/07/2019 01/11/2001 01/02/2022 01/04/2022
13.	Magaral	Tamil Nadu	KanchPEeuraM	HO	Palar/Cheyvar	12.70833	79.75	Rf Mt Wv Hu	01/09/1978 25/11/1971 01/07/2008 01/01/2015
14.	Maniyampattu	Tamil Nadu	Villupuram	HO	varahanadhi	12.2263	79.5148	Rf	12/01/2021
15.	Mayambadi	Tamil Nadu	Kallakurichi	HO	Vellar/Gomukhi Nadi(S)	11.73736	78.79105	Rf Wv	23/01/2021 01/02/2022
16.	Melkalpoondi	Tamil Nadu	Cuddalore	HO	Vellar/Vashista River	11.43522	78.93879	Rf Wv	11/11/2021 11/11/2021
17.	Monnavedu	Tamil Nadu	Thirvallur	HO	Kosasthalaiyar	13.22373	79.94528	Rf Wv	01/11/2021 01/02/2022
18.	NaiduPEt	Andhra Pradesh	Nellore	HO	Swarnamukhi	13.94722	79.89722	Rf Mt Wv Hu	01/03/1985 01/11/1985 01/07/2008 01/07/2008
19.	NarasingarayamPEt	Andhra Pradesh	Chittoor	HO	Palar/Poiny	13.18339	79.20792	Rf	11/06/2021
20.	Nariyampattu	Tamil Nadu	Vellore	HO	Palar/ Malattar	12.84778	78.72111	Rf Wv	24/11/2020 01/04/2022

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
21.	Pallamala	Andhra Pradesh	Chittoor	HO	Kalangi	13.72135	79.79213	Rf	21/12/2021
22.	Penneswaramadam	Tamil Nadu	Krishnagiri	HO	Ponnaiyar	12.39575	78.24591	Rf Mt Wv	22/01/2021 02/02/2022 01/02/2022
23.	SullurPEt	Andhra Pradesh	Nellore	HO	Kalingi	13.70778	80.01	Rf Mt Wv Hu	01/11/1989 01/11/1988 01/07/2008 01/04/2015
24.	Thirunavalur	Tamil Nadu	Kallakurichi	HO	Gadilam	11.74841	79.40538	Rf Mt Wv	13/11/2020 01/02/2022 01/02/2022
25.	Thiruvalam	Tamil Nadu	Vellore	HO	Palar/Poiny	12.98477	79.26721	Rf	23/11/2021
26.	Vazhavachanur	Tamil Nadu	Thiruvannamalai	HO	Ponnaiyar	12.06583	78.97806	Rf Mt Wv Hu Pe	12/01/1990 21/07/1978 06/08/1981 01/06/2015 01/01/2017
27.	Verupakshapuram	Andhra Pradesh	Chittoor	HO	Swarnamukhi	13.79456	79.70218	Rf	9/16/2024
28.	Villupuram	Tamil Nadu	Villupuram	HO	Ponnaiyar	11.87056	79.45944	Rf Mt Wv Hu Pe	01/07/1994 18/07/1971 01/07/2008 05/01/2015 01/08/2021
Basin: Pennar									
29.	Alladupalli	Andhra Pradesh	Kadapa	HO	Pennar/Kunderu	14.71722	78.66861	Rf Mt Wv Hu	01/11/1988 05/07/1986 01/03/2009 01/03/2009
30.	Chennur	Andhra Pradesh	Kadapa	HO	Pennar	14.57222	78.8	Rf Mt Wv Hu Pe	19/07/1989 18/07/1989 18/07/1989 01/01/2004 08/07/2003
31.	Dipuru	Andhra Pradesh	Nellore	HO	Pennar/Boggeru	14.61864	79.5609	Rf	01/01/2021

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
32.	Kalasapadu	Andhra Pradesh	Kadapa	HO	Pennar/Sagileru	15.11266	78.93803	Rf	15/12/2021
33.	Kamalapuram	Andhra Pradesh	Kadapa	HO	Pennar/Papagani	14.580556	78.677778	Rf Mt Wv Hu	01/02/1991 01/02/1991 01/03/2004 05/03/2004
34.	Nagalamedike	Karnataka	Tumkur	HO	Pennar	14.18889	77.37222	Rf Mt Wv Hu	01/01/1987 01/08/1979 03/05/1987 08/08/2014
35.	Nandalur	Andhra Pradesh	Annamaiah	HO	Pennar/Cheyyeru	14.25484	79.1164	Rf Mt Wv Hu	01/08/2013 01/04/2013 25/07/2015 01/07/2018
36.	Nandipalli	Andhra Pradesh	Kadapa	HO	Pennar/Sagileru	14.72111	79.01889	Rf Mt Wv Hu	01/02/1993 18/06/1990 01/02/1993 01/08/2008
37.	Nellore	Andhra Pradesh	Nellore	HO	Pennar	14.47028	79.98889	Rf Mt Wv Hu	03/11/1988 14/08/1987 03/11/1988 08/08/2014
38.	Rayachoti	Andhra Pradesh	Kadapa	HO	Pennar/Cheyyeru/ Mandavya	14.06667	78.75527	Rf	01/03/2022
39.	Singavaram	Andhra Pradesh	Anantapur	HO	Pennar/Chitravathi	14.59778	78.01333	Rf Mt Wv Hu	01/08/1984 06/11/1979 15/05/1984 09/08/2014
40.	Tadipatri	Andhra Pradesh	Anantapur	HO	Pennar	14.92194	78.01639	Rf Mt Wv Hu	01/09/1978 01/09/1978 01/09/1978 07/01/2014

Details of the Meteorological Observations on HO/FF Stations	
Region	Cauvery & Southern Rivers Organisation, Coimbatore
Circle	Cauvery & Southern Rivers Circle, Bengaluru
Division	South Western Rivers division, Kochi
TOTAL NUMBER OF SITES-47	
Basin: WFR between South of Tapi	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Addoor	Karnataka	Dakshina Kannada	HO	Gurupur	12.92889	74.95389	Mt	22/09/2002
2.	Aruvippuram	Kerala	Thiruvanantha puram	HO	Neyyar	8.42	77.0925	Rf Mt	16/10/2020 28/11/2020
3.	Avershe	Karnataka	Udupi	HO	Sita	13.52139	74.88	Rf Mt Wv Pe	20/06/2000 01/04/2003 01/04/2003 01/07/2005
4.	Bantwal	Karnataka	Dakshina Kannada	HO	Netravathi	12.88083	75.04111	Rf Mt Pe Wv Hu	01/03/1989 01/06/2006 01/08/2006 01/09/2007 01/06/2014
5.	Manakkad	Kerala	Idukki	HO	Thodupuzha	9.91027	76.68656	Rf	16/01/2021
6.	Yennehole	Karnataka	Udupi	HO	Swarna	13.29417	74.98083	Rf Mt Pe Wv	08/02/1990 02/02/2002 07/11/2000 09/09/2002
7.	Arakannur	Kerala	Kollam	HO	Ithikkara	8.8725	76.84667	Rf Mt	18/12/2020 12/03/2021
8.	Ashramam	Tamil Nadu	Kanyakumari	HO	Pazhayar	8.15917	77.45889	Rf Mt Ar Wv Hu Pe Ss	01/06/2000 15/06/2001 06/12/2001 21/09/1999 16/07/2004 06/12/2001 16/07/2004
9.	Ayilam	Kerala	Thiruvanantha puram	HO	Vamanapuram	8.715	76.85	Rf Mt Wv	10/05/2021 18/12/1978 18/12/1978
10.	Chakkalakuth	Kerala	Malappuram	HO	Kuthirapuzha	11.26417	76.23833	Rf Mt	20/04/2021 10/04/2021

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Erinjipuzha	Kerala	Kasargod	HO	Payaswani	12.47917	75.14722	Rf Mt Hu	17/12/2019 25/06/1985 07/09/2015
12.	Halady	Karnataka	Udupi	HO	Haladi	13.58167	74.85778	Rf Mt Pe Wv Hu	01/04/2003 21/12/1985 01/04/2003 21/12/1985 01/04/2003
13.	Kalampur	Kerala	Ernakulam	HO	Muvattupuzha/ Kaliyar	9.99056	76.63222	Rf Mt Hu	01/01/2023 27/09/1986 04/11/2013
14.	Kalathukadavu	Kerala	Kottayam	HO	Meenachil	9.71963	76.77835	Rf	09/11/2020
15.	Kallooppara	Kerala	Pathanamthitta	HO	Pampa/Manimala	9.40361	76.65028	Rf Mt Wv	05/05/2000 19/06/1985 19/06/1985
16.	Karathodu	Kerala	Malappuram	HO	Kadalundi	11.05694	76.03944	Rf Mt Wv	07/07/2021 01/06/1988 01/06/1988
17.	Kondazhy	Kerala	Thrissur	HO	Gayathri	10.72337	76.40194	Rf	22/11/2020
18.	Kottapuram	Kerala	Thrissur	HO	Keechery/ Aloor	10.67783	76.2005	Rf	15/05/2021
19.	Kumbidi	Kerala	Palakkad	HO & FF	Bharathapuzha	10.85444	76.02	Rf Mt Hu Wv	01/06/2019 04/04/2000 01/06/2014 05/02/2014
20.	Kuniyil	Kerala	Malappuram	HO	Chaliyar	11.23944	76.02333	Rf Te Wv	07/06/2019 02/07/1978 14/01/1989
21.	Kuttyadi	Kerala	Kozhikode	HO	Kuttyadi	11.63802	75.77628	Rf Mt Hu Wv	04/06/2021 13/03/2000 01/04/2014 13/03/2000
22.	Kuzhithurai	Tamil Nadu	Kanyakumari	HO	Tamarabarani	8.30527	77.18555	Rf Mt Wv	01/07/2000 01/11/2000 01/11/2000

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Madamon	Kerala	Pathanamthitta	HO & FF	Pamba	9.36389	76.83778	Rf Wv	09/12/2020 16/01/2018
24.	Malakkara	Kerala	Pathanamthitta	HO & FF	Pamba	9.3325	76.66306	Rf Mt Wv	19/06/1985 19/06/1985 19/06/1985
25.	Manikal	Kerala	Kottayam	HO	Manimala/Nedumthodu	9.53114	76.91218	Rf	01/04/2022
26.	Mankara	Kerala	Palakkad	HO & FF	Bharathapuzha	10.78098	76.51342	Rf Mt Pe Wv Hu	01/08/1989 01/04/1985 01/02/1989 01/12/1985 01/09/2016
27.	Neeleeswaram	Kerala	Ernakulam	HO & FF	Periyar	10.18104	76.46932	Rf Ar Mt Pe Wv Hu Ss	01/06/1987 01/09/2000 16/03/1971 01/09/2009 16/03/1971 01/09/2000 01/09/2000
28.	Arangaly	Kerala	Thrissur	HO	Periyar/Chalakudy	10.28139	76.31528	Rf Mt Wv Hu	27/06/1990 27/04/1978 27/04/1978 27/08/1982
29.	Kidangoor	Kerala	Kottayam	HO	Meenachil	9.67556	76.60555	Te Wv	09/08/1986 09/08/1986
30.	Nellipally	Kerala	Kollam	HO	Kallada	9.02778	76.92472	Rf Mt	22/12/2020 22/06/2021
31.	Palakadavu	Kerala	Thrissur	HO	Karuvannur	10.425	76.23777	Rf Mt	25/09/2020 16/03/2021
32.	Pallippady	Kerala	Ernakulam	HO	Muvattupuzha/ Kothamangalam	10.03944	76.61666	Rf	09/11/2020
33.	Pattazhy	Kerala	Kollam	HO	Kallada	9.07278	76.76111	Rf Mt Wv	01/06/1988 20/04/1978 20/04/1978
34.	Perumannu	Kerala	Kannur	HO	Valapattanam	11.98083	75.58416	Rf Mt Wv Hu	21/07/1989 15/03/1986 22/03/2006 16/10/2014
35.	Peruvampadam	Kerala	Malappuram	HO	Kuruvanpuzha	11.31611	76.19583	Rf Mt	10/05/2021 17/04/2021

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
36.	Pookkayam	Kerala	Kasargod	HO	Chandragiri	12.45806	75.27639	Rf	07/05/2021
37.	Pudur	Kerala	Palakkad	HO	Bharathapuzha/ Kannadipuzha	10.77529	76.58272	Mt Wv	02/09/1985 02/09/1985
38.	Pulamanthole	Kerala	Palakkad	HO & FF	Bharathapuzha/ Pulanthodu	10.89806	76.19194	Rf Te Wv	07/06/2019 21/06/1986 17/02/1986
39.	Pullakkayar	Kerala	Kottayam	HO	Manimala	9.57453	76.88611	Rf Mt	01/11/2020 01/07/2020
40.	Ramamangalam	Kerala	Ernakulam	HO	Muvattupuzha	9.94361	76.47833	Rf Mt Pe Wv Hu	26/04/2020 24/02/1978 24/02/1978 01/01/2023 01/01/2023
41.	Santheguli	Karnataka	Uttara Kannada	HO	Aghanashini	14.43444	74.58889	Rf Mt	10/02/2018 01/03/1989
42.	Thiruvarambu	Tamil Nadu	Kanyakumari	HO	Kodayar	8.364167	77.258889	Rf Mt	03/02/2021 01/04/2022
43.	Thiruvattar	Tamil Nadu	Kanyakumari	HO	Thambraparni/ Paraliyar	8.32778	77.26694	Rf Mt	03/02/2021 12/03/2021
44.	Thottathinkadavu	Kerala	Kozhikode	HO	Iruvazhinjipuzha	11.36194	76.00194	Rf Mt	05/10/2021 05/10/2021
45.	Thumpamon	Kerala	Pathanamthitta	HO	Pampa/Achankovil	9.225	76.71444	Rf Mt Wv	18/06/1988 28/01/1978 28/01/1978
46.	Vandiperiyar	Kerala	Idukki	HO & FF	Periyar	9.57333	77.09083	Rf Mt	10/12/1999 19/10/1999
47.	Vellaikadavu	Kerala	Thiruvanantha puram	HO	Karamana	8.53661	77.00852	Rf Mt	24/06/2020 01/09/2020

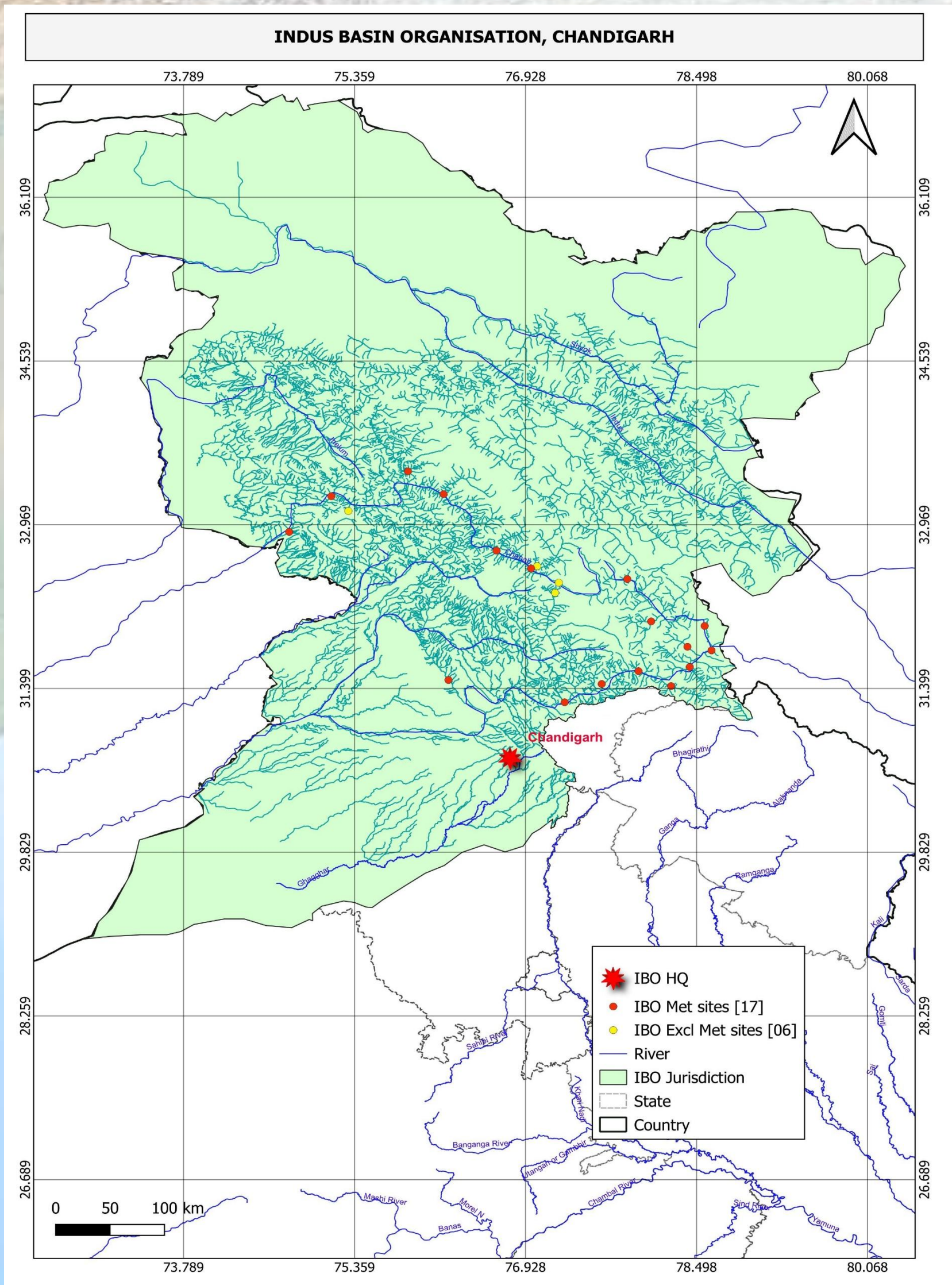
Details of the Meteorological Observations on HO/FF Stations	
Region	Cauvery & Southern Rivers Organisation, Coimbatore
Circle	Cauvery & Southern Rivers Circle, Bengaluru
Division	Southern Rivers Division, Coimbatore
TOTAL NUMBER OF SITES-22	
Basin: Cauvery	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Biligundulu	Tamil Nadu	Krishnagiri	HO	Cauvery	12.18222	77.72389	Rf Mt Wv Hu Pe	01/07/1972 01/06/1976 01/06/1975 01/06/1994 01/06/1994
2.	Elunuthimangalam	Tamil Nadu	Erode	HO	Cauvery/Noyyal	11.03167	77.8875	Rf Mt Wv Hu Pe	01/09/2000 01/06/2000 01/12/2004 01/12/2004 01/12/2004
3.	Kodumudi	Tamil Nadu	Erode	HO	Cauvery	11.08111	77.89028	Rf Mt Wv Hu Pe	23/04/1976 01/06/1988 01/12/2004 01/12/2004 01/12/2004
4.	Kudlur	Karnataka	Chamarajanagara	HO	Cauvery/Palar	11.84056	77.46278	Rf Mt Wv Hu	24/03/2000 01/08/2000 01/11/2003 01/11/2003
5.	Musiri	Tamil Nadu	Thiruchirapalli	HO	Cauvery	10.94333	78.435	Rf Mt Wv Hu Pe	01/09/2000 01/08/2003 01/09/2000 01/08/2003 11/09/2000
6.	Nallamaranpatty	Tamil Nadu	Karur	HO	Cauvery/ Amaravathi	10.88083	77.98472	Rf Mt Wv Pe	22/10/1993 01/10/1977 01/12/2004 01/12/2004
7.	Nellithurai	Tamil Nadu	Coimbatore	HO	Cauvery/Bhavani	11.28778	76.89111	Rf Mt Wv Hu Pe	01/09/1993 01/06/1979 01/06/1979 01/09/2003 04/06/2002
8.	Savandapur	Tamil Nadu	Erode	HO	Cauvery/Bhavani	11.52167	77.51	Rf Mt Wv Pe	15/03/1993 01/10/1977 01/12/2004 01/12/2004
9.	Sevanur	Tamil Nadu	Erode	HO	Cauvery/Chittar	11.55194	77.73194	Rf Mt Wv Hu	10/04/2000 16/08/2000 17/02/2000 17/02/2000

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Thengumarahada	Tamil Nadu	Nilgiris	HO	Cauvery/Bhavani/Moyar	11.57278	76.91917	Rf Mt Wv Hu	07/11/1993 01/05/1979 17/02/2000 17/02/2000
11.	Thevur	Tamil Nadu	Salem	HO	Cauvery/Sarabenga	11.52722	77.75083	Rf Mt Wv Hu	20/01/2001 29/06/2002 09/11/2003 09/11/2003
12.	Thoppur	Tamil Nadu	Salem	HO	Cauvery/Thoppaiyar	11.93833	78.05722	Rf Mt Wv Hu Pe	03/01/2002 01/09/2006 01/12/2004 01/11/2022 13/07/2022
13.	Urachikottai	Tamil Nadu	Erode	HO	Cauvery	11.47778	77.7	Rf Mt Wv Hu Pe	28/12/1991 06/08/1979 06/08/1979 22/05/2003 01/01/2003
Basin: EFR south of Cauvery									
14.	A.P. Puram	Tamil Nadu	Tirunelveli	HO	Tambraparani/ Chittar	8.90139	77.64861	Rf Mt Wv Hu Pe	05/09/1988 25/03/1980 01/05/2010 09/03/2017 07/08/1989
15.	Ambasamudram	Tamil Nadu	Theni	HO	Vaigai	9.92556	77.51167	Rf Mt Wv Hu Pe	01/04/2004 16/03/2001 16/03/2001 01/03/2018 01/03/2018
16.	Avarankuppam	Tamil Nadu	Vellore	HO	Palar	12.68417	78.53944	Rf Mt Wv Hu Pe	30/01/1985 30/01/1985 30/01/1985 01/11/2018 01/06/2005
17.	Gummanur	Tamil Nadu	Krishnagiri	HO	Ponnaiyar	12.555	78.13861	Rf Mt Wv Hu Pe	01/12/1989 01/12/1989 01/12/1989 01/12/1989 01/12/1989
18.	Irukkankudi	Tamil Nadu	Virudhunagar	HO	Vaigai/Vaippar	9.32389	77.99028	Rf Mt Wv Hu	01/01/1994 24/07/1991 01/01/1994 12/01/2018
19.	Murappanadu	Tamil Nadu	Tuticorin	HO	Tambraparni	8.71444	77.835	Rf Mt Wv Hu Pe	25/10/1985 01/10/1978 17/09/1978 05/11/1989 04/08/1989

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
20.	Paramakudi	Tamil Nadu	Ramanathapuram	HO	Vaigai	9.55306	78.58611	Rf Mt Wv Hu Pe	01/06/2007 14/11/1979 19/01/2018 01/05/2022 01/05/2022
21.	Theni	Tamil Nadu	Theni	HO	Vaigai/Suruliar	10.00111	77.485	Rf Mt Wv Hu Pe	01/04/1989 01/04/2003 04/03/1978 01/04/2003 07/10/1989
Basin: WFR from South of Tapi									
22.	Ambarampalayam	Tamil Nadu	Coimbatore	HO	Bharathapuzha/ Aliyar	10.63027	76.94611	Rf Mt Wv Hu	07/08/1995 16/06/1978 01/04/1981 01/09/1980

INDUS BASIN ORGANISATION





TITANG B-TYPE TELEMETRY STATION, SHD, CWC, SHIMLA ON RIVER SATLUI



PANDOWA D-TYPE TELEMETRY STATION, SHD, CWC ON RIVER SATLUI

Details of the Meteorological Observations on HO/FF Stations	
Region	Indus Basin Organisation, Chandigarh
Circle	Monitoring & Appraisal Directorate, Jammu
Division	Chenab Division, CWC, Jammu
TOTAL NUMBER OF SITES-04	
Basin: Indus (Up to Border) Chenab Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Akhnoor	J & K	Jammu	HO/MET/ WQSS	Chenab	32.90083	74.7588	RF Mt Hu	01.03.1971
2.	Dhamkund	J & K	Ramban	HO/MET/ WQSS	Chenab	33.24305	75.1458	RF Mt Hu	03.10.1964
3.	Sirshi	J & K	Kishtwar	HO/MET	Chenab/Marusudar	33.48166	75.8492	RF Mt Hu Sf	23.11.1962
4.	Gulabgarh	J & K	Kishtwar	HO/MET	Chenab	33.26305	76.1761	RF Mt Hu Sf	27.03.1964

Details of the Exclusive Meteorological Observations on HO/FF Stations	
Region	Indus Basin Organisation, Chandigarh
Circle	Monitoring & Appraisal Directorate, Jammu
Division	Chenab Division, Jammu
TOTAL NUMBER OF SITES-01	
Basin: Indus (Up to Border) Chenab Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary /Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Chillatop*	Jammu & Kashmir	Ramban	HO	-	33.1016	75.3019	Rf Sf	24/10/1992

*Note: Site is temporarily closed.

Details of the Meteorological Observations on HO/FF Stations	
Region	Indus Basin Organisation, Chandigarh
Circle	Monitoring & Appraisal Directorate, Shimla
Division	Snow Hydrology Division, Shimla
TOTAL NUMBER OF SITES-13	
Basin: Indus (Up to Border) Chenab Basin	

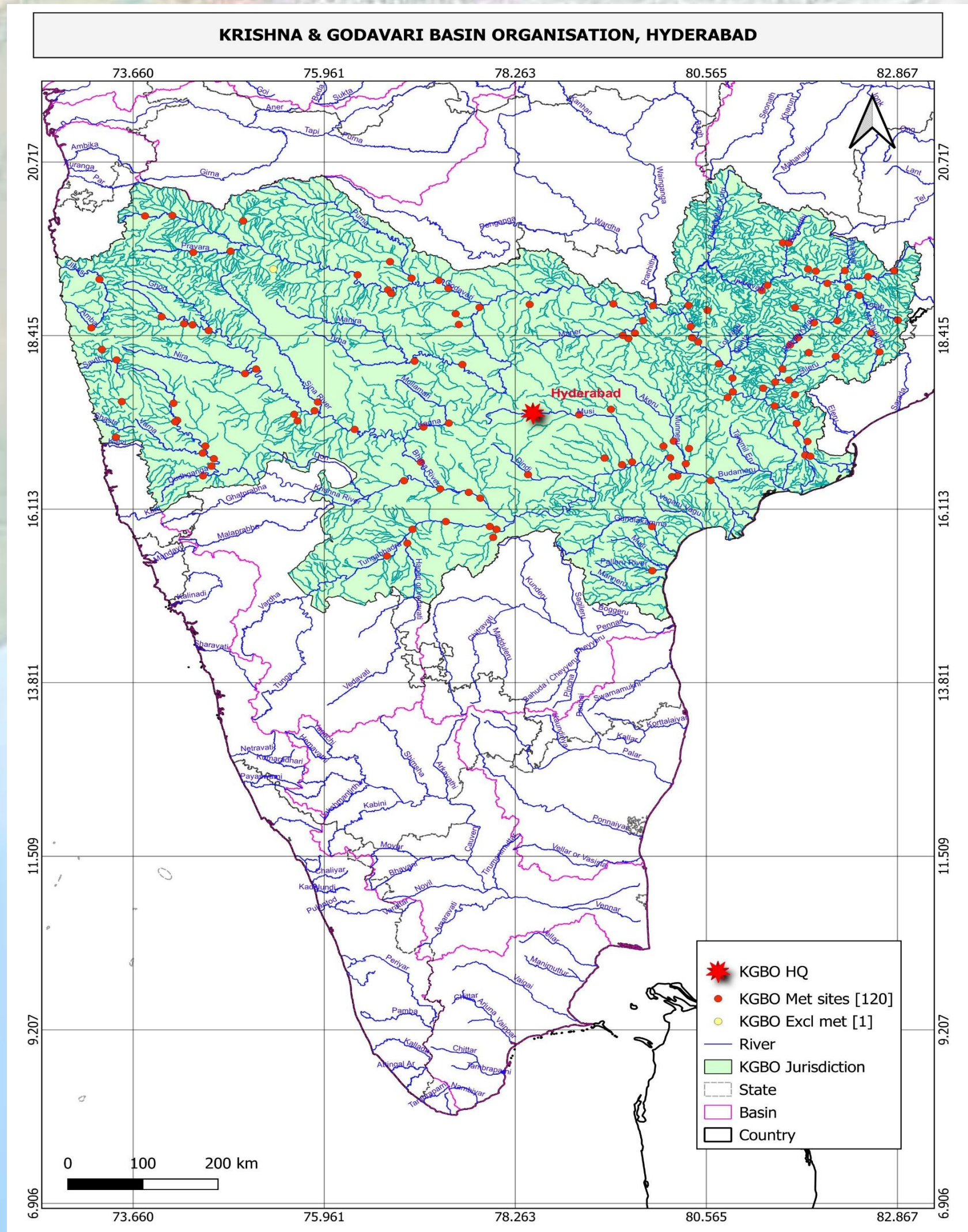
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ghaluwal	Himachal Pradesh	Una	HO	Sutlej/ Swan	31.48083	76.22111	Hu Mt	0/.08/2017 05/08/2017
2.	Gulling	Himachal Pradesh	Lahaul & Spiti	HO	Sutlej / Spiti/ Pin	32.04267	78.08197	Rf Mt Hu Sf	01/05/2022 09/01/2023 09/01/2023 09/01/2023
3.	Hansa	Himachal Pradesh	Lahaul & Spiti	HO	Sutlej	32.44866	77.86271	Rf Mt Hu Sf	01/06/2023 18/01/2023 18/01/2023 15/11/2022
4.	Moorang	Himachal Pradesh	Kinnaur	HO	Sutlej	31.60585	78.43609	Rf Mt Hu	01/01/2019 01/01/2018 01/01/2018
5.	Nathpa	Himachal Pradesh	Kinnaur	HO	Sutlej	31.5661	77.9655	Rf Mt Hu	17/05/2014 01/01/2017 01/01/2017
6.	Pandowa	Himachal Pradesh	Shimla	HO	Sutlej	31.2673	77.2877	Rf Mt Hu	01/01/2015 09/03/2017 01/01/2017
7.	Rampur	Himachal Pradesh	Shimla	HO	Sutlej	31.4431	77.6279	Rf Mt Hu	10/04/2012 01/10/2009 01/10/2009
8.	Ropa	Himachal Pradesh	Kinnaur	HO	Sutlej/ Ropa khad	31.7996	78.4151	Rf	18/09/2022
9.	Sangla	Himachal Pradesh	Kinnaur	HO	Sutlej/ Baspa	31.4226	78.265	Rf	19/09/2022
10.	Shalkhar	Himachal Pradesh	Kinnaur	HO	Sutlej/ Spiti	31.9992	78.5732	Rf	01/09/2022
11.	Tandi	Himachal Pradesh	Lahul & Spiti	HO	Chenab/ Bhaga	32.55042	76.97973	Rf Sf	01/01/1973 01/01/1998

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
12.	Titang	Himachal Pradesh	Kinnaur	HO	Sutlej	31.7644	78.6361	Rf Mt Hu	01/11/2017 01/07/2006 01/07/2006
13.	Udaipur	Himachal Pradesh	Lahul & Spiti	HO	Chenab/ Chandra	32.72141	76.66252	Rf Sf	01/01/1972 01/01/1998

Details of the Exclusive Meteorological Observations on HO/FF Stations	
Region	Indus Basin Organisation, Chandigarh
Circle	Monitoring & Appraisal Directorate, Shimla
Division	Snow Hydrology Division, Shimla
TOTAL NUMBER OF SITES- 05	
Basin: Indus (Up to Border) Chenab Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Koksar	Himachal Pradesh	Lahaul & Spiti	SG	Chenab/ Chandra	32.4142	77.2342	Rf Mt Sf	01/07/1983 01/07/1983 01/07/1983
2.	Keylong	Himachal Pradesh	Lahaul & Spiti	SG	Chenab/ Bhaga	32.5722	77.0356	Rf Mt Sf	01/01/2005 01/01/2005 01/01/2005
3.	Kothi	Himachal Pradesh	Kullu	SG	Beas	32.3167	77.200	Rf Mt Hu Sf	24/11/2003 24/11/2003 24/11/2003 24/11/2003
Basin: Ganga basin									
4.	Jubbal/II	Himachal Pradesh	Shimla	SG	Yamuna/ Pabbar	31.0919	77.6667	Rf Mt Hu Sf	01/01/1990 09/01/1990 09/01/1990 15/11/2019
5.	Jubbal/I	Himachal Pradesh	Shimla	SG	Yamuna/ Pabbar	31.0969	77.6667	Rf Mt Hu Sf	28/12/1984 28/12/1984 01/04/1988 15/11/2017

KRISHNA AND GODAVARI BASIN ORGANISATION





SITE G.R. BRIDGE ON RIVER GODAVARI



SITE YELLI ON RIVER GODAVARI



SITE OFFICE POLAVARAM ON RIVER GODAVARI

Details of the Meteorological Observations on HO/FF Stations	
Region	Krishna & Godavari Basin Organization, Hyderabad
Circle	Godavari Circle, Hyderabad
Division	Lower Godavari Division, Hyderabad
TOTAL NUMBER OF SITES: 38	
Basin: Godavari Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ambabal	Chhattisgarh	Bastar	HO	Godavari/Indravati /Narangi	19.2967	81.7889	Rf Mt	01/04/2001 18/02/1994
2.	Balimela Dam	Odisha	Malkangiri	HO/FF	Godavari/ Sabari	18.140278	82.122778	Rf	15/05/2019
3.	Bhadrachalam	Telangana	Bhadradri Kothagudem	HO	Godavari	17.6694	80.8738	Rf Mt	01/06/1978 15/06/2007
4.	Cherbeda	Chhattisgarh	Bastar	HO	Godavari/ Indravati/ Bawardhi/ Bardha	19.6458	81.4858	Rf Mt	01/06/2000 26/08/2003
5.	Chindnar	Chhattisgarh	Dantewada	HO	Godavari/Indravati	19.0833	81.3	Rf Mt	01/04/2004 12/04/1973
6.	Dummagudem	Telangana	Bhadradri Kothagudem	HO	Godavari	17.8526	80.88	Rf	01/06/1978
7.	Elchireddipalle	Telangana	Badradri Kothagudem	HO	Godavari/Peddavagu	18.040556	80.715	Rf	04/09/2019
8.	Godavari Rly Bridge	Andhra pradesh	East Godavari	HO/FF	Godavari	17.006944	81.766944	Rf	15/06/1979
9.	Jagdapur	Chhattisgarh	Bastar	HO	Godavari/Indravati	19.1081	82.0228	Rf Mt	01/06/1978 01/06/1967
10.	Jalaput Dam (Machkond)	Odisha	Koraput	HO/FF	Godavari/ Sabari	18.453056	82.546944	Rf	01/05/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Jeeraguda	Odisha	Koraput	HO	Godavari/ Sabari/Kolab	18.949139	82.406	Rf Mt	01/07/2021 01/03/2023
12.	Kanuru Agraharam	Andhra pradesh	East Godavari	HO	Godavari/Vasishta	16.829167	81.754722	Rf Mt	01/02/2023 08/10/2022
13.	Kerlapal	Chhattisgarh	Sukma	HO	Godavari/Sabari/ Malenger	18.2919	81.5725	Rf Mt	01/06/2019 01/06/2019
14.	Kiwaibalenga	Chhattisgarh	Kondagoan	HO	Godavari/Indravati/ Bawardhi	19.644694	81.551361	Mt	01/06/2018
15.	Koida	Andhra Pradesh	Eluru	HO	Godavari	17.4825	81.3867	Rf	08/07/1989
16.	Konta	Chhattisgarh	Sukma	HO	Godavari/Sabari	17.7989	81.3928	Rf Mt	01/06/1986 01/06/1973
17.	Kosagumda	Odisha	Nabarangpur	HO	Godavari/Indravati/ Bhaskel	19.2772	82.2333	Rf Mt	01/06/1986 01/02/2001
18.	Kothapalle	Andhra pradesh	Alluri Sitharama Raju	HO	Godavari/Sabari/Sileru	17.825278	81.550278	Rf Mt	01/03/2022 01/03/2019
19.	Kunavaram	Andhra pradesh	Alluri Sitharama Raju	HO/FF	Godavari	17.5675	81.25	Rf	12/07/1991
20.	kunturla	Andhra pradesh	Alluri Sitharama Raju	HO	Godavari/Sabari/Sileru	18.199147	82.649833	Rf Mt	05/08/2021 31/01/2023
21.	Murthahandi	Odisha	Koraput	HO	Godavari/Indravati/ Journala	19.0594	82.2758	Rf Mt	01/07/2004 27/06/1979
22.	Nowrangpur	Odisha	Nowrangpur	HO	Godavari/Indravati	19.1975	82.5119	Rf Mt	01/06/1978 02/06/1969

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Odinaguda	Chhattisgarh	Sukma	HO	Godavari/Sabari	18.057222	81.479444	Rf Mt	01/06/2024 01/09/2023
24.	Pathagudem	Chhattisgarh	Bijapur	HO	Godavari/Indravati	18.8167	80.35	Rf Mt	01/06/1977 11/01/1973
25.	Polavaram	Andhra pradesh	Eluru	HO	Godavari	17.251667	81.6525	Rf Mt	01/06/1985 01/01/1973
26.	Potteru (Seasonal)	Odisha	Malkangiri	HO	Godavari/ Sabari/ Potteru Vagu	18.1894	81.7981	Rf Mt	01/07/2000 05/08/2003
27.	Sangam (Murredu)	Telangana	Bhadradi Kothagudem	HO	Godavari/ Kinnerasani/ Murredu	17.5936	80.8217	Rf Mt	15/10/2000 02/08/1997
28.	Sangampally	Chhattisgarh	Bijapur	HO	Godavari/Indravati/ Chintavagu	18.75	80.578611	Mt	28/11/2018
29.	Saradaput	Odisha	Malkangiri	HO	Godavari/Sabari	18.6125	82.1428	Rf Mt	01/10/1998 01/01/1978
30.	Sirimoda	Odisha	Koraput	HO	Godavari/Sabari	18.620311	82.871622	Rf	20/03/2023
31.	Sonarpal	Chhattisgarh	Bastar	HO	Godavari/Indravati/ Narangi	19.269722	81.883889	Mt	18/02/1994
32.	Sukma	Chhattisgarh	Sukma	HO	Godavari/Sabari	18.3844	81.6625	Rf	01/06/1978
33.	Talnar	Chhattisgarh	Sukma	HO	Godavari/Sabari	18.585278	81.861667	Rf Mt	01/09/2021 25/12/2016
34.	Tumnar	Chhattisgarh	Dantewada	HO	Godavari/Indravati/ Dantewara	19.0122	81.2325	Rf Mt	01/06/2000 01/02/1994

A topographic map of India serves as the background for the page. The map shows the country's terrain with various shades of green, yellow, and brown representing different elevations and land cover. The coastline is clearly visible, and the surrounding waters are depicted in light blue.

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
35.	Upper Indravati Dam	Odisha	Nabarangpur	HO/FF	Godavari/Indravati	19.276111	82.828444	Rf	15/05/2019
36.	Upper Kolab Dam	Odisha	Koraput	HO/FF	Godavari/Sabari/Kolab	18.788639	82.600778	Rf	15/05/2019
37.	Vadapalli (Atreyapuram)	Andhra pradesh	Kona Seema	HO/FF	Godavari/Goutami	16.815	81.816667	Rf Mt	01/02/2023 11/10/2022
38.	Valamuru	Andhra pradesh	Alluri Sitharama Raju	HO	Godavari/Pamuleru	17.633333	81.636111	Rf Mt	01/09/2020 01/07/2017

Details of the Meteorological Observations on HO/FF Stations	
Region	Krishna & Godavari Basin Organisation, Hyderabad
Circle	Krishna Coordination Circle, Hyderabad
Division	Lower Krishna Division, Hyderabad
TOTAL NUMBER OF SITES: 31	
Basin: EFR Between Krishna & Pennar	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Marella	Andhra Pradesh	Prakasam	HO	Gundlakamma	15.8828	79.91	Rf Mt Ar Wv	01/07/2007 21/06/2007 04/07/2007 28/06/2007
Basin: Krishna Basin									
2.	Anantharam	Telangana	Suryapet	HO Met	Krishna/Musi / Aleru	17.43705	79.41595	Rf Mt Ar Wv	01/10/2022 01/08/2019 01/10/2022 01/10/2022
3.	Bawapuram	Andhra Pradesh	Kurnool	HO	Krishna/ Tungabhadra	15.8833	77.9572	Rf Mt Ar Wv	01/06/2000 01/06/2000 29/01/2007 01/06/2000
4.	Dameracherla	Telangana	Nalgonda	HO	Krishna/Musi	16.7392	79.6697	Rf Mt Ar Wv FCS Hu Pe Ss	01/06/1990 01/06/2001 03/02/2007 21/03/2001 21/03/2001 21/03/2001 21/03/2001 21/03/2001
5.	Deongaon Bridge	Karnataka	Kalaburigi (Gulbarga)	HO/FF	Krishna/Bhima	17.1703	76.3283	Rf	01/06/1984
6.	Deosugur	Karnataka	Raichur	HO/FF	Krishna	16.3822	77.3572	Rf Mt	01/06/1984 01/03/2007
7.	Doddipadu	Andhra Pradesh	Kurnool	HO	Handri	15.73916	77.99694	Rf Mt	01/07/2015 01/07/2015
8.	Halia	Telangana	Nalgonda	HO	Krishna/Halia	16.79	79.3388	Rf Mt Ar Wv	01/08/1990 01/06/1985 01/01/2009 15/06/1992
9.	Huvinhedigi	Karnataka	Raichur	HO/FF	Krishna	16.4911	76.9231	Rf Mt Ar Wv	01/07/1977 07/07/2000 24/01/2007 07/07/2007

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Jeewangi	Telangana	Ranga Reddy	HO	Bhima/Kagna	17.2544	77.4628	Rf Mt	07/06/1991 25/02/2007
11.	K. Agraharam	Telangana	Jogulamba Gadwal	HO/FF	Krishna	16.2592	77.8411	Rf Mt	01/08/1981 19/02/2007
12.	Keesara	Andhra Pradesh	Krishna	HO	Krishna/Munneru	16.7156	80.3164	Rf Mt Ar Wv	01/10/1983 01/06/1965 01/01/2000 01/01/2000
13.	Madhira	Telangana	Khamman	HO	Krishna/Munneru/Wyra	16.9181	80.3558	Rf Mt Ar Wv	01/06/1986 07/06/1984 16/06/1997 16/06/1997
14.	Malkhed	Karnataka	Kalaburigi (Gulbarga)	HO	Krishna/Bhima/Kagna	17.2031	77.1572	Rf Mt Ar Wv	07/06/1991 25/02/2007 07/07/2000 07/07/2000
15.	Mantralayam	Andhra Pradesh	Kurnool	HO/FF	Krishna/Tungabhadra	15.9483	77.4264	Rf Mt Ar Wv FCS Pe Ss	01/01/1980 22/08/1980 10/04/2007 01/07/2001 01/07/2001 01/07/2001 01/07/2001
16.	Melaganur	Andhra Pradesh	Kurnool	HO Met	Krishna/Tungabhadra	15.84555	77.02527	Rf Mt Wv	01/08/2019 05/07/2017 12/08/2017
17.	Munugodu	Andhra Pradesh	Guntur	HO Met	Krishna/Edduvagu	16.55393	80.21477	Rf Mt Ar Wv	01/09/2019 24/10/2016 07/06/2019 01/08/2020
18.	Oollenur	Karnataka	Ralchur	HO/FF	Krishna/Tungabhadra	15.4917	76.7169	Rf Mt	01/06/1981 01/06/1981
19.	Paleru Bridge	Andhra Pradesh	Krishna	HO/FF	Krishna/Paleru	16.9489	80.0478	Rf Mt Ar Wv	21/08/1990 01/07/1964 06/05/2000 01/10/2019
20.	PD Jurala	Telangana	Mahaboob Nagar	HO FF Met	Kishna	16.33638	77.70277	Rf	21/03/1989

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
21.	Penuganchiprolu	Andhra Pradesh	NTR	HO Met	Krishna/Munneru	16.5425	80.1519	Rf Mt Ar	01/06/2021 05/01/2021 01/06/2021
22.	Polampalli	Andhra Pradesh	Krishna	HO/FF	Krishna/Munneru	17.0156	80.1717	Rf	17/04/2007
23.	Suddakallu	Telangana	Nagarkurnool	HO	Krishna/Dindi	16.57063	78.4167	Rf Mt Ar Wv	20/11/2014 20/11/2014 01/10/2022 01/10/2022
24.	T.Ramapuram	Karnataka	Bellary	HO	Krishna/Tungabhadra/ Hagari	15.6611	76.9628	Rf Mt Ar Wv	07/07/1994 26/01/2007 01/08/2024 11/09/1971
25.	Valigonda	Telangana	Yadadri Bhuvanagiri	HO Met	Krishna/ Musi	17.36555	79.03222	Rf Mt Ar Wv	08/07/2019 01/07/2019 08/07/2019 08/07/2019
26.	Veerlapalem	Telangana	Nalgonda	HO Met	Krishna/Thungapadu	16.70261	79.54906	Rf Mt Ar Wv	14/06/2024 14/06/2024 14/06/2024 14/06/2024
27.	Vijayawada	Andhra Pradesh	NTR	HO Met	Krishna	16.49266	80.61588	Rf Mt	01/12/2013 01/122013
28.	Vikkiralapeta	Andhra Pradesh	Prakasam	HO Met	EFR/Paleru	15.29681	79.91283	Rf Mt Ar Wv	01/11/2019 01/07/2017 05/12/2019 01/01/2020
29.	Wadenapally	Telangana	Suryapet	HO Met	Krishna	16.79417	80.128	Rf Mt Ar Wv	01/01/1981 27/05/1964 01/09/2009 01/09/2009
30.	Yadgir	Karnataka	Yadgir	HO/FF	Krishna/Bhima	16.7375	77.1253	Rf Mt Ar Wv	01/06/1983 23/02/2007 07/07/2000 07/07/2000
31.	Kurnool Town	Andhra Pradesh	Kurnool	HO/FF	Krishna/Tungabhadra	15.8452	78.0372	Rf Mt Ar Wv	01/06/1983 23/02/2007 07/07/2000 07/07/2000

Details of the Meteorological Observations on HO/FF Stations	
Region	Krishna & Godavari Basin Organisation, Hyderabad
Circle	Godavari Circle, Hyderabad
Division	Upper Godavari Division, Hyderabad
TOTAL NUMBER OF SITES: 27	
Basin: Godavari Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Janwada	Karnataka	Bidar	HO	Godavari / Manjira	18.0308	77.626	Rf Mt	25/07/2021 08/01/2021
2.	Saigaon	Karnataka	Bidar	HO	Godavari / Manjira	18.0758	77.05	Rf Mt Wv	01/06/1984 01/06/1984 06/09/2014
3.	Betmogrra	Maharashtra	Nanded	HO	Godavari / Manjira / Manar	18.705	77.545	Rf Mt	01/06/2006 01/06/2006
4.	Degloor	Maharashtra	Nanded	HO	Godavari / Manjira / Lendi	18.5622	77.5831	Rf Mt	01/06/1992 01/06/1995
5.	Dhalegaon	Maharashtra	Parbhani	HO	Godavari	19.2202	76.3633	Rf Mt Wv Hu Pe Ss	31/07/1976 04/01/1970 01/01/2003 01/01/2003 01/11/2003 01/11/2003
6.	G.R.Bridge	Maharashtra	Parbhani	HO	Godavari	19.0216	76.7292	Rf Mt Wv	01/06/2000 19/06/1976 01/01/2007
7.	Gangakhed	Maharashtra	Parbhani	HO / FF	Godavari	18.973	76.7696	Rf Mt	05/03/1993 05/03/1993
8.	Lasur	Maharashtra	Aurangabad	HO	Godavari / Shivna	19.9364	74.9853	Rf Mt	01/06/2012 11/07/2012
9.	Nanded	Maharashtra	Nanded	HO / FF	Godavari	19.1466	77.3433	Rf Mt	09/06/1996 11/07/2012
10.	Nasik	Maharashtra	Nashik	HO	Godavari	20.0017	73.803	Rf Mt	09/06/1978 03/12/2014

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Pachegaon	Maharashtra	Ahmednagar	HO	Godavari / Pravara	19.5342	74.8337	Rf Mt Wv	03/07/2001 20/06/1986 20/06/1986
12.	Pratappur	Maharashtra	Ahmednagar	HO	Godavari / Pravara	19.5193	74.384	Mt	06/07/1996
13.	Purna	Maharashtra	Parbhani	HO	Godavari / Purna	19.1758	77.0136	Rf Mt	01/06/1990 01/06/2017
14.	Yelli	Maharashtra	Nanded	HO	Godavari	19.0425	77.4577	Rf Mt Wv	01/07/1978 01/01/2001 01/01/2001
15.	Zari	Maharashtra	Parbhani	HO	Godavari / Purna / Dudhna	19.3958	76.7544	Rf Mt Wv	01/06/2000 01/07/1978 01/07/1978
16.	Nandu Madhmeshwar Weir	Maharashtra	Nashik	HO	Godavari	20.0084	74.1323	Rf Mt	23/07/2002 20/06/1986
17.	Allamvari Ghanapur	Telangana	Jayshankar Bhupalpally	HO	Godavari / Jampannavagu	18.388	80.3918	Rf Mt	18/09/2021 17/07/2017
18.	Ankushapur	Telangana	Jayshankar Bhupalpally	HO	Godavari / Maneru / Chalivagu	18.3769	79.6261	Rf Mt	17/09/2021 17/07/2017
19.	Eturunagaram	Telangana	Mulugu	HO / FF	Godavari	18.3309	80.4672	Rf Mt	30/06/1988 24/07/2016
20.	Gandlapet	Telangana	Nizamabad	HO	Godavari / Peddavagu	18.8289	78.4367	Rf Mt	01/06/2000 01/06/2000
21.	Garimillapalli	Telangana	Jayshankar Bhupalpally	HO	Godavari / Maneru / Moranchavagu	18.4471	79.7045	Rf Mt	02/09/2021 02/09/2021
22.	Kaleswaram	Telangana	Jayshankar Bhupalpally	HO / FF	Godavari	18.8128	79.9218	Rf Mt	23/07/1988 11/02/2022

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Mancherial	Telangana	Mancherial	HO	Godavari	18.8364	79.4447	Rf Mt Wv Pe	01/11/1992 01/11/1992 01/11/1992 01/11/1992
24.	Nagaram	Telangana	Karimnagar	HO	Godavari / Maneru	18.4178	79.5581	Rf	27/11/2021
25.	Perur	Telangana	Mulugu	HO	Godavari	18.5354	80.3777	Rf Mt Ar Wv Hu Pe	15/06/1978 26/05/2000 01/06/2001 24/06/2001 01/06/2001 01/06/2001
26.	Saloor	Telangana	Nizamabad	HO	Godavari / Manjira	18.7891	77.8318	Rf	05/28/2021
27.	Somanpally (Seasonal)	Telangana	peddapalli	HO	Godavari / Maneru	18.6144	79.803	Rf Mt	06/09/2021 24/04/2016

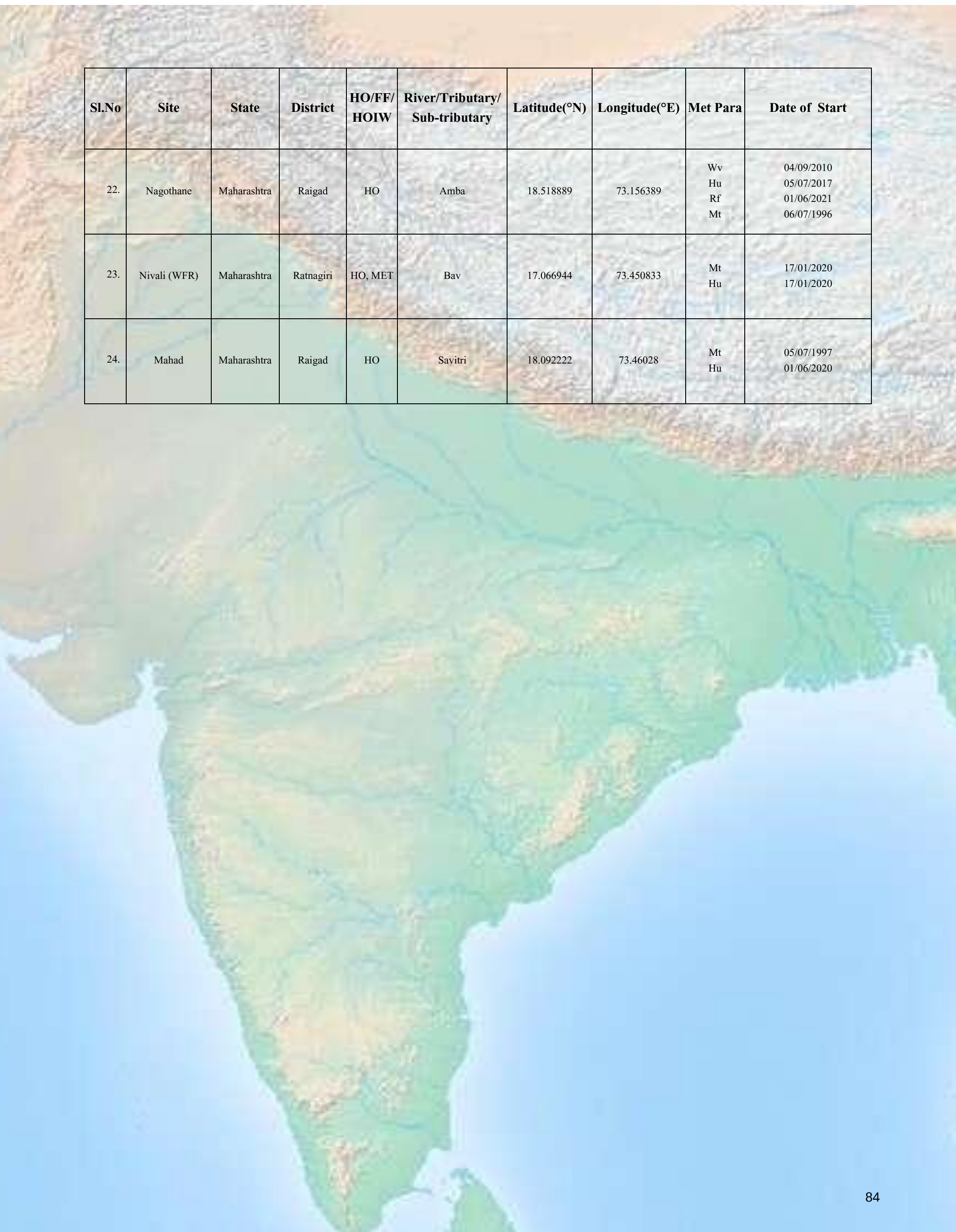
Details of the Exclusive Meteorological Observation Stations	
Region	Krishna & Godavari Basin Organisation, Hyderabad
Circle	Godavari Circle, Hyderabad
Division	Upper Godavari Division, Hyderabad
TOTAL NUMBER OF SITES: 01	
Basin: Godavari Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Aurangabad	Maharashtra	Aurangabad	Met & FF	Godavari	19.2967	75.3486	Rf	22/02/2001

Details of the Meteorological Observations on HO/FF Stations	
Region	Krishna & Godavari Basin Organisation, Hyderabad
Circle	Krishna Coordination Circle, Hyderabad
Division	Upper Krishna Division, Pune
TOTAL NUMBER OF SITES: 24	
Basin: Krishna Basin	

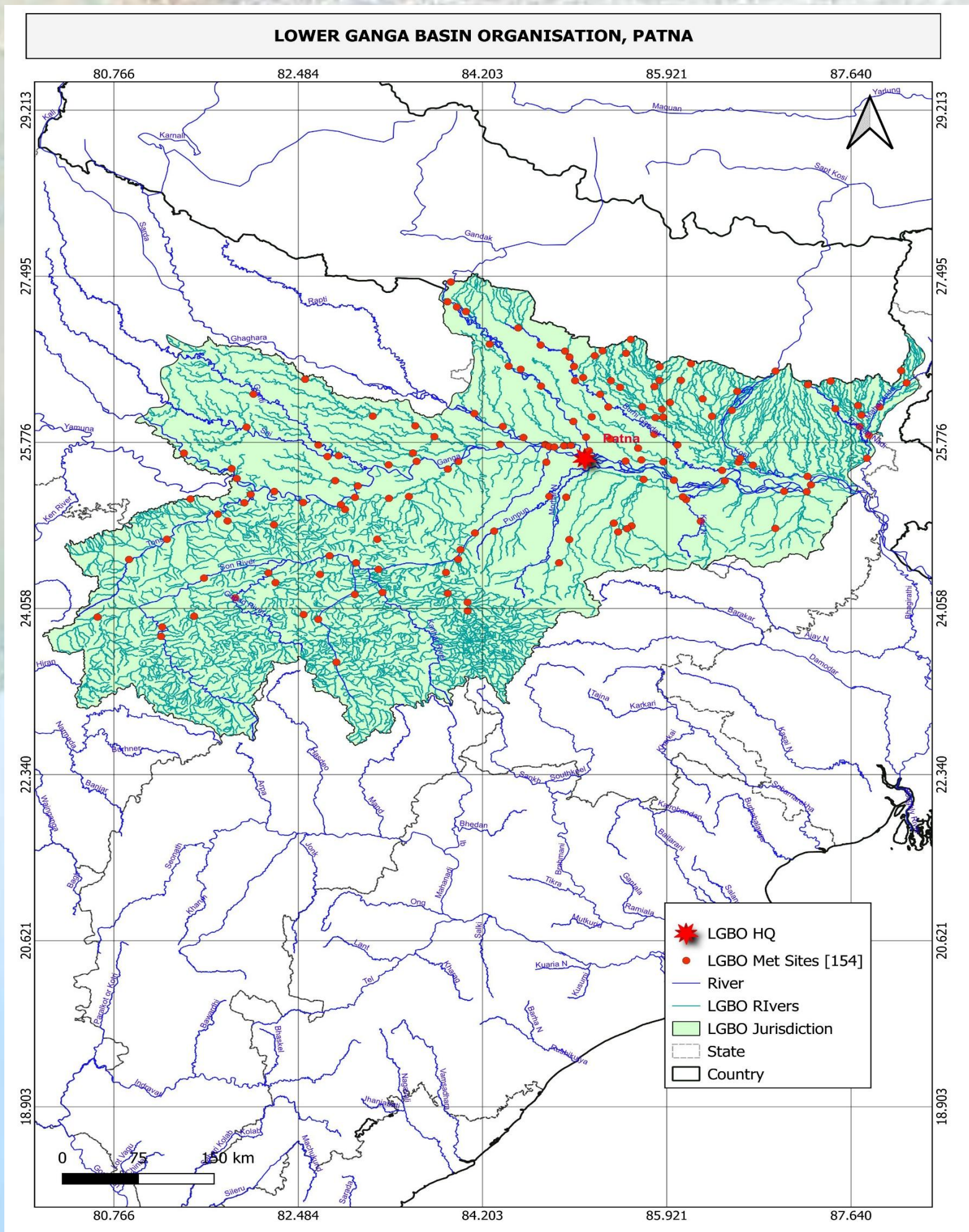
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Arjunwad (Seasonal)	Maharashtra	Kolhapur	HO/ FF	Krishna	16.781944	74.632222	Rf Mt Wv Hu	01/06/2019 01/06/2019 01/06/2019 01/06/2019
2.	Dhond	Maharashtra	Pune	HO, MET	Bhima	18.483	74.5689	Rf Mt Wv Hu	01/06/2021 01/06/1986 01/01/2020 03/07/2019
3.	Karad	Maharashtra	Satara	HO, MET	Krishna	17.292	74.1918	Rf Mt Wv Hu	01/07/2019 01/07/2019 01/07/2019 01/07/2019
4.	Kokangaon	Karnataka	Bijapur	HO, MET	Boranala	17.2846	75.64	Rf Mt Wv Hu	01/06/2021 27/07/1979 01/09/2020 01/02/2018
5.	Kurundwad	Maharashtra	Kolhapur	HO, MET	Krishna	16.68361	74.60306	Rf Mt Wv Hu	01/05/2019 05/09/1973 01/06/2014 01/06/2014
6.	Nandre	Maharashtra	Sangali	HO, MET	Yerala	16.94961	74.52917	Rf Mt Wv Hu	01/06/2019 01/07/2019 01/07/2019 01/08/2019
7.	Narasingpur	Maharashtra	Solapur	HO, MET	Bhima	17.9707	75.1411	Rf Mt Wv FCS Hu Pe Ss	01/06/2002 01/12/2002 21/07/2002 25/12/2002 25/10/2002 26/10/2002 01/08/2003
8.	Pargaon	Maharashtra	Pune	HO, MET	Bhima	18.558333	74.375	Mt Wv Hu	03/01/2015 11/04/2017 22/04/2017
9.	Phulgaon	Maharashtra	Pune	HO, MET	Bhima	18.6649	74.0031	Mt Wv Hu	01/07/1988 10/02/2002 01/07/2018
10.	Rahu	Maharashtra	Pune	HO	Mulamutha	18.572	74.273	Wv Hu Rf Mt	01/06/2023 01/06/2023 01/06/2023 01/06/2023

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Sadalga (seasonal)	Karnataka	Belgaum	HO, MET	Dudganga	16.5558	74.5018	Wv Hu Rf Mt	01/06/2019 01/06/2019 01/06/2019 01/06/2019
12.	Samdoli (Seasonal)	Maharashtra	Sangli	HO, MET	Varna	16.856389	74.4977	Wv Hu Rf Mt	01/09/2003 01/06/2019 01/06/2019 16/06/2005
13.	Sarati	Maharashtra	Pune	HO, MET	Nira	17.9115	75.0073	Wv Hu Rf Mt	19/04/1993 05/06/2017 14/06/2020 12/01/1981
14.	Shirdhon	Karnataka	Vijayapura (Bijapur)	HO, MET	Doddanala	17.3705	75.6006	Wv Hu Rf Mt	01/09/2020 23/07/2019 01/06/2021 27/07/1979
15.	Takli	Maharashtra	Solapur	HO, MET	Bhima	17.4181	75.8455	Wv Hu Rf Mt	01/06/2005 01/03/2014 01/06/1987 24/05/1967
16.	Targaon	Maharashtra	Satara	HO, MET	Krishna	17.51864	74.14621	Wv Hu Rf Mt	01/02/2019 01/06/2019 01/06/2019 01/07/2019
17.	Wadakbal	Maharashtra	Solapur	HO, MET	Sina	17.5343	75.885	Wv Hu Rf Mt	01/06/2005 21/03/2017 01/09/2018 01/06/1974
18.	Warunji	Maharashtra	Satara	HO, MET	Koyna	17.272778	74.1654	Wv Hu Rf Mt	01/06/2019 01/06/2019 01/06/2019 01/06/2019
Basin: WFR South of Tapi									
19.	Mahad	Maharashtra	Raigad	HO	Savitri	18.092222	73.46028	Mt Hu	05/07/1997 01/06/2020
20.	Mangaon	Maharashtra	Raigad	HO	kal	18.231339	73.283611	Wv Hu Rf Mt	01/06/1980 01/11/2018 01/06/1980 01/06/1980
21.	Muradpur	Maharashtra	Ratnagiri	HO	Vashishti	17.539722	73.52389	Wv Hu Rf Mt	01/10/2019 01/10/2019 01/06/2021 01/06/2021

A topographic map of India is visible in the background, showing the country's terrain with various shades of green, brown, and blue representing different elevations and water bodies. The map is oriented with North at the top.

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
22.	Nagothane	Maharashtra	Raigad	HO	Amba	18.518889	73.156389	Wv Hu Rf Mt	04/09/2010 05/07/2017 01/06/2021 06/07/1996
23.	Nivali (WFR)	Maharashtra	Ratnagiri	HO, MET	Bav	17.066944	73.450833	Mt Hu	17/01/2020 17/01/2020
24.	Mahad	Maharashtra	Raigad	HO	Savitri	18.092222	73.46028	Mt Hu	05/07/1997 01/06/2020

LOWER GANGA BASIN ORGANISATION





BIRPUR GAUGE SITE ON KOSI RIVER, LOWER GANGA DIVISION-1



KOYLARI (G) SITE ON BANAS RIVER, UPPER SONE RIHAND SUB-DIVISION, MADHYA PRADESH, REWA



GOVERDHEYAGHAT (G) SITE ON SONE RIVER, UPPER SONE RIHAND SUB-DIVISION, MADHYA PRADESH, REWA

Details of the Meteorological Observations on HO/FF Stations	
Region	Lower Ganga basin Organisation, Patna
Circle	Monitoring Directorate / Hydrological Observation Circle, Patna
Division	Lower Ganga Division-I, Patna
TOTAL NUMBER OF SITES-60	
Basin: Ganga Basin	

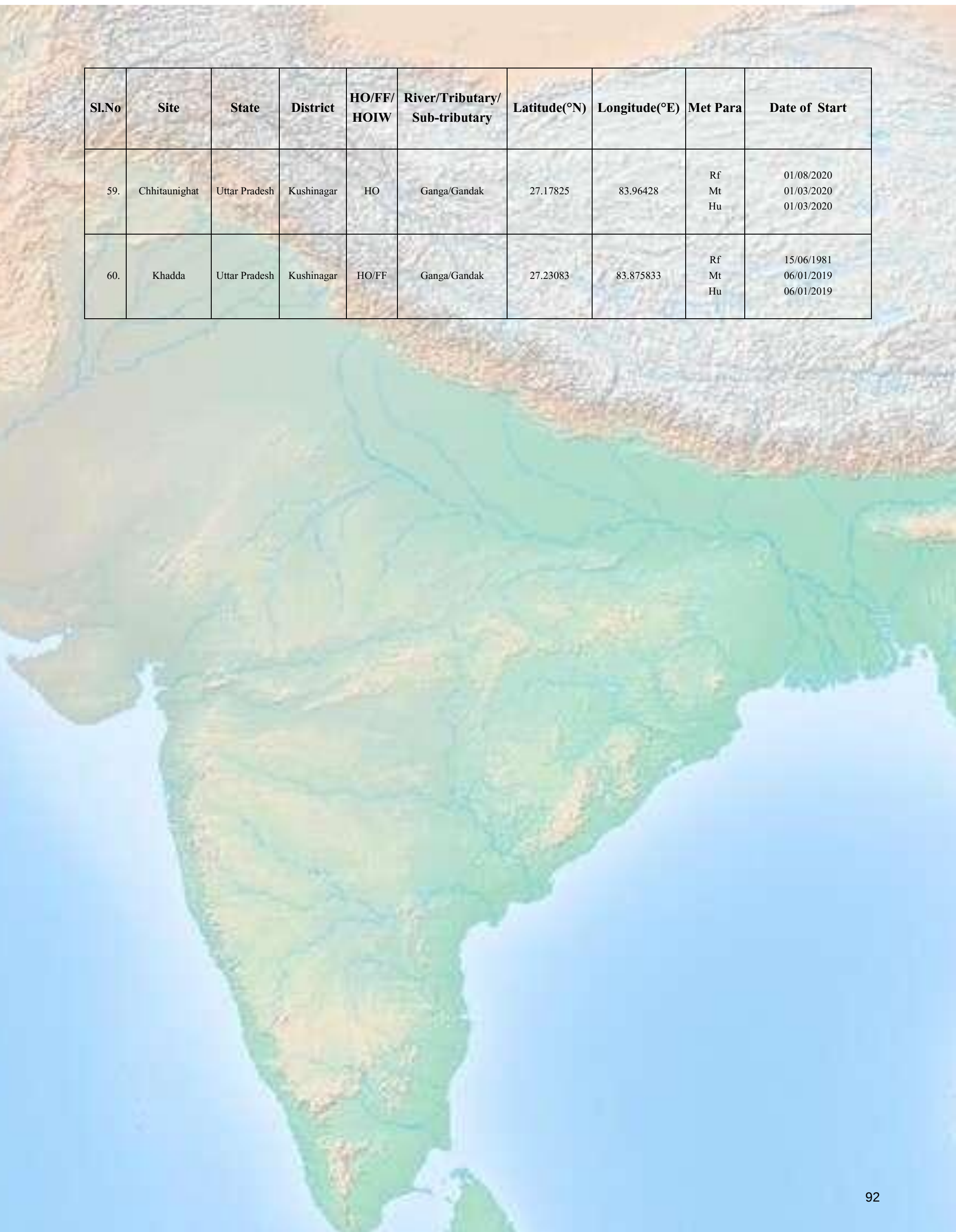
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ahirwalia	Bihar	East Champaran	HO/FF	Ganga/Burhi Gandak	26.415283	85.066058	Rf Mt Hu	15/06/1981 01/01/2019 01/01/2019
2.	Amour	Bihar	Purnea	HO	Ganga/Mahananda/ Parman	25.94.147	87.72042	Rf Mt Hu	01/04/2019
3.	Araria	Bihar	Araria	HO/FF	Ganga/Mahananda/ Parman	26.125064	87.493036	Rf Mt Hu	15/06/1989 01/07/1978
4.	Bachhwara	Bihar	Begusarai	HO	Ganga/ Baya	25.574278	85.889256	Rf Mt Hu	29/07/2022 01/08/2019 01/04/2023
5.	Badlaghat	Bihar	Khagaria	HO	Bagmati	25.571633	86.590378	Rf Mt	31/07/2022 31/07/2022
6.	Bagaha	Bihar	West Champaran	HO	Ganga/Gandak	27.129531	84.04825	Rf Mt Hu	01/06/2020 01/06/2020 01/06/2020
7.	Bairganja	Bihar	Sitamarhi	HO	Ganga/Kosi/Bagmati/ Lalbekia	26.673073	85.249383	Rf Mt Hu	01/08/2020 22/11/2019 22/11/2019
8.	Baltara	Bihar	Khagaria	HO/FF	Ganga/Kosi	25.540089	86.724708	Rf Mt Hu	15/06/1981 23/02/1993 24/12/2022
9.	Basua	Bihar	Supaul	HO/FF	Ganga/Kosi	26.10808	86.52833	Rf Mt Hu	15/06/1981 28/05/2023 28/05/2023
10.	Bathnaha	Bihar	Araria	HO	Ganga/ Mahananda/Parman	26.37262	87.23692	Rf Mt Hu	02/07/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Belsand	Bihar	Sitamarhi	HO	Ganga/Kosi/Bagmati	26.41452	85.400088	Rf Mt Hu	01/08/2020 03/12/2020 03/12/2020
12.	Benibad	Bihar	Muzaffarpur	HO/FF	Ganga/Kosi/Bagmati	26.144758	85.692633	Rf Mt Hu	15/06/1981 01/06/2019 01/06/2019
13.	Birpur	Bihar	Supaul	HO	Ganga/Kosi	26.51992	86.931389	Rf Mt Hu	15/06/1981
14.	Bishunpur	Bihar	Darbhanga	HO	Ganga/Kosi/Bagmati	26.032544	85.814736	Rf Mt Hu	01/06/2016 01/06/2024 01/06/2024
15.	Chanpatia	Bihar	West Champaran	HO	Ganga/BurhiGandak	26.960395	84.535634	Rf Mt Hu	15/06/1981 01/03/2019 01/03/2019
16.	Chargharia	Bihar	Kishanganj	HO	Ganga/ Mahananda/ West Kankai	26.1579	87.70481	Rf Mt Hu	01/05/1981
17.	Chatia	Bihar	East Champaran	HO/FF	Ganga/Gandak	26.53281	84.55862	Rf Mt Hu	15/06/1981 16/01/2019 16/01/2019
18.	Chintawanpur	Bihar	East Champaran	HO	Ganga/ BurhiGandak	26.561726	85.056084	Rf Mt Hu	01/07/2020 08/06/2020 08/06/2020
19.	Dalsingh sarai	Bihar	Samastipur	HO	Ganga/ Noon	25.716467	85.653475	Rf Mt Hu	27/07/2022 20/08/2020 19/02/2024
20.	Dhamaraghat	Bihar	Khagaria	HO	Ganga/Kosi	25.61129	86.60685	Rf	22/09/2022
21.	Dheng Bridge	Bihar	Sitamarhi	HO/FF	Ganga/Kosi/Bagmati	26.723831	85.322658	Rf Mt Hu	01/03/1978 01/01/2019 01/01/2019
22.	Dhengraghat	Bihar	Purnea	HO/FF	Ganga/Mahananda	25.850556	87.806111	Rf Mt Hu	15/06/1981 23/03/1985

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Dumariaghat	Bihar	Gopalganj	HO/FF	Ganga/Gandak	26.35888	84.74805	Rf Mt Hu	01/01/1978 01/01/2016 01/01/2016
24.	Ekmighat	Bihar	Darbhanga	HO/FF	Ganga/Kosi/Bagmati/ Adhwara Group	26.11944	85.87639	Rf Mt Hu	01/06/2016 01/06/2019 01/06/2019
25.	Galgalia	Bihar	Kishanganj	HO	Ganga/Mahananda/ Mechi	26.5169	88.105946	Rf Mt Hu	15/06/1981
26.	Hayaghat	Bihar	Darbhanga	HO/FF	Ganga/Kosi/Bagmati	26.0375	85.88639	Rf Mt	15/06/1981 01/07/2022 01/07/2022
27.	Indo/Nepal Border (Bhutahi)	Bihar	Sitamarhi	HO	Ganga/Kosi/Bagmati/ Lakhendehi	26.7204	85.5132	Rf Mt Hu	09/06/2020 01/08/2019 01/08/2019
28.	Jainagar	Bihar	Madhubani	HO/FF	Ganga/Kosi/Bagmati/ Kamla Balan	26.58667	86.14556	Rf Mt Hu	15/06/1981 01/06/2019 01/06/2019
29.	Jhagarua	Bihar	Madhubani	HO	Ganga/Kosi/Bagmati/ Kamla Balan	26.04667	86.34306	Rf	01/04/2022
30.	Jhanjharpur	Bihar	Madhubani	HO/FF	Ganga/Kosi/Bagmati/ Kamla Balan	26.226111	86.256111	Rf Mt Hu	15/06/1981 01/06/2019 01/06/2019
31.	Jhawa	Bihar	Katihar	HO/FF	Ganga/Mahananda	25.612833	87.787133	Rf Mt Hu	15/06/1986
32.	Kakarghatti	Bihar	Darbhanga	HO	Ganga/Kosi/Bagmati/ Jivach	26.18861	85.95083	Rf Mt	01/03/2020 01/10/2020 01/10/2020
33.	Kamtaul	Bihar	Darbhanga	HO/FF	Ganga/Kosi/Bagmati/ Adhwara Group	26.35347	85.80653	Rf Mt	15/06/1981 01/12/2021 01/12/2021
34.	Kanti	Bihar	Muzaffarpur	HO	Ganga/ BurhiGandak	26.273611	85.300278	Rf Mt Hu	01/02/2019 01/02/2019 01/02/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
35.	Kapasiya	Bihar	Madhubani	HO	Ganga/Kosi/Bagmati/ Jivach	26.41861	86.05333	Rf	01/06/2020 01/06/2021 01/09/2021
36.	Khagaria	Bihar	Khagaria	HO/FF	Ganga/ BurhiGandak	25.48719	86.43744	Rf Mt Hu	15/06/1981 03/11/2018 22/12/2022
37.	Kukraha	Bihar	Gopalganj	HO	Ganga/Gandak	26.56444	84.43888	Rf Mt Hu	01/06/2020 01/01/2019 01/01/2019
38.	Kursela	Bihar	Katihar	HO/FF	Ganga/Kosi	25.42475	87.234047	Rf Mt Hu	15/06/1981 03/02/2020 09/05/2024
39.	Lakhoura	Bihar	East Champaran	HO	Ganga/ BurhiGandak/ Tiyar	26.720333	84.972344	Rf Mt Hu	15/06/2020 01/08/2019 01/08/2019
40.	Lalbegiaghat	Bihar	East Champaran	HO/FF	Ganga/ BurhiGandak	26.658611	85.013611	Rf Mt Hu	15/06/1981 01/01/2019 01/01/2019
41.	Madhuban	Bihar	East Champaran	HO	Ganga/ BurhiGandak/Kachhua	26.44707	85.1412	Rf Mt Hu	20/06/2020 27/05/2019 27/05/2019
42.	Mohauddin Nagar	Bihar	Samastipur	HO	Ganga/ Baya	25.59468	85.68466	Rf	02/08/2022
43.	Moujabadi	Bihar	Kishanganj	HO	Ganga/ Mahananda	26.14445	87.90625	Rf Mt Hu	Rf/01/04/2019
44.	Nirmali	Bihar	Supaul	HO	Ganga/Kosi/Bagmati/ Tiljuga	26.303889	86.578611	Rf Mt	01/06/2020 14/11/2022 14/11/2022
45.	Rauta	Bihar	Purnea	HO	Ganga/Mahananda/ West Kankai	26.05942	87.73728	Rf Mt Hu	02/07/2019
46.	Rosera	Bihar	Samastipur	HO/FF	Ganga/ BurhiGandak	25.7502	86.0212	Rf	15/06/1981

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
47.	Runisaidpur	Bihar	Muzaffarpur	HO/FF	Ganga/Kosi/Bagmati	26.346111	85.486322	Rf Mt Hu	14/07/2022 01/08/2020 01/08/2020
48.	Saharghat	Bihar	Madhubani	HO	Ganga/Kosi/Bagmati/ Adhwara Group	26.54306	85.85572	Rf Mt	01/06/2016 01/02/2021 01/02/2021
49.	Sakra	Bihar	Muzaffarpur	HO	Ganga/ BurhiGandak	26.040555	85.555	Rf Mt Hu	01/04/2019 01/05/2019 01/05/2019
50.	Samastipur	Bihar	Samastipur	HO/FF	Ganga/ BurhiGandak	25.860833	85.804444	Rf	16/06/1981
51.	Saulighat	Bihar	Madhubani	HO	Ganga/Kosi/ Bagmati/ Adhwara Group	26.41819	85.85311	Rf Mt Hu	15/06/1981 01/06/2019 01/06/2019
52.	Sikandarpur	Bihar	Muzaffarpur	HO/FF	Ganga/ BurhiGandak	26.14273	85.37607	Rf Mt Hu	15/06/1981 01/08/2016 01/08/2016
53.	Sikti	Bihar	Araria	HO	Ganga/ Mahananda/ Parman/Bakra	26.410278	87.449722	Rf Mt	01/06/2019 01/06/2019
54.	Sonbarsa	Bihar	Sitamarhi	HO/FF	Ganga/Kosi/ Bagmati/Adhwara Group	26.84138	85.58555	Rf Mt Hu	15/06/1983 01/06/2019 01/06/2019
55.	Sugauli	Bihar	East Champaran	HO	Ganga/BurhiGandak	26.78333	84.74388	Rf Mt Hu	09/06/2020 09/06/2020 09/06/2020
56.	Taibpur	Bihar	Kishanganj	HO/FF	Ganga/Mahananda	26.3925	88.1575	Rf Mt Hu	15/06/1981 25/06/1971
57.	Thakraha	Bihar	West Champaran	HO	Ganga/Gandak	26.79182	84.27015	Rf Mt Hu	14/08/2021 04/06/2020 04/06/2020
58.	Triveni	Bihar	West Champaran	HO	Ganga/Gandak	27.43805	83.90555	Rf Mt	16/06/1981 01/01/2020 01/01/2020



Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
59.	Chhitaunighat	Uttar Pradesh	Kushinagar	HO	Ganga/Gandak	27.17825	83.96428	Rf Mt Hu	01/08/2020 01/03/2020 01/03/2020
60.	Khadda	Uttar Pradesh	Kushinagar	HO/FF	Ganga/Gandak	27.23083	83.875833	Rf Mt Hu	15/06/1981 06/01/2019 06/01/2019

Details of the Meteorological Observations on HO/FF Stations	
Region	Lower Ganga basin Organisation, Patna
Circle	Monitoring Directorate / Hydrological Observation Circle, Patna
Division	Lower Ganga Division-II, Patna
TOTAL NUMBER OF SITES-42	
Basin: Ganga Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Azmabad	Bihar	Bhagalpur	HO	Ganga	25.3372	87.2658	Rf Mt	04/06/2014 01/08/1960
2.	Banjari	Bihar	Rohtas	HO	Ganga/Sone	24.6655	83.9977	Rf Mt	01/06/2021 01/04/2021
3.	Banka	Bihar	Banka	HO	Ganga/Chandan	24.8863	86.9341	Rf Mt	01/06/2020 01/04/2022
4.	Bhagalpur	Bihar	Bhagalpur	HO/FF	Ganga	25.2694	87.0155	Rf Mt	15/06/1980 01/01/2023
5.	Buxar	Bihar	Buxar	HO/FF	Ganga	25.579645	83.9768	Rf Mt	16/06/1969 11/05/1960
6.	Chhapra	Bihar	Saran	HO/FF	Ganga/Ghaghra	25.7541	84.7875	Rf	15/06/1985
7.	Darauli	Bihar	Siwan	HO/FF	Ganga/Ghaghra	26.075	84.1269	Rf Mt	01/07/1975 01/02/2023
8.	Dighwara	Bihar	Saran	HO	Ganga	25.7411	84.963	Rf Mt	02/07/2022 01/03/2024
9.	Dobhi	Bihar	Gaya	HO	Ganga/Phalgu	24.5301	84.9168	Rf Mt	10/08/2020 11/03/2020
10.	Doriganj	Bihar	Saran	HO	Ganga	25.733	84.8244	Rf Mt	01/06/2021 21/02/2022

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Gandhighat	Bihar	Patna	HO/FF	Ganga	25.6233	85.1711	Rf Mt	15/06/1971 11/05/1965
12.	Gangpur Siswan	Bihar	Siwan	HO/FF	Ganga/Ghaghra	25.9405	84.3922	Rf Mt	15/06/1987 09/04/2024
13.	Gaya	Bihar	Gaya	HO	Ganga/Phalgu	24.7708	85.0121	Rf Mt	15/06/1995 01/06/1963
14.	Hajipur	Bihar	Vaishali	HO/FF	Ganga/Gandak	25.6897	85.1961	Rf Mt	01/06/2014 08/01/2024
15.	Hathidah	Bihar	Patna	HO/FF	Ganga	25.385	85.9875	Rf Mt	01/12/1970 11/05/1965
16.	Hisua	Bihar	Nawada	HO	Ganga/Kiul/Harohar/ Panchane/Dhanarjay	24.8499	85.4673	Rf	15/08/2021
17.	Indrapuri	Bihar	Rohtas	HO/FF	Ganga/Sone	24.8394	84.1322	Rf	17/06/1975
18.	Jamui	Bihar	Jamui	HO	Ganga/Kiul	24.9601	86.2382	Rf	24/08/2021
19.	Jehanabad	Bihar	Jehanabad	HO	Ganga/Punpun/Dardha	25.2094	84.9833	Rf Mt	16/08/2021 01/07/2020
20.	Kadirganj	Bihar	Nawada	HO	Ganga/Kiul/Harohar/Sakri	24.9125	85.5935	Rf	01/06/2014
21.	Kahalgaoon	Bihar	Bhagalpur	HO/FF	Ganga	25.2658	87.2261	Rf	15/06/1976
22.	Kinjar	Bihar	Arwal	HO	Ganga/Punpun	25.218	84.8257	Rf	18/06/1978

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Koelwar	Bihar	Bhojpur	HO/FF	Ganga/Sone	25.5713	84.7978	Rf Mt	15/06/1974 01/06/1960
24.	Lakhisarai	Bihar	Lakhisarai	HO	Ganga/Kiul	25.1847	86.102	Rf Mt	01/06/2014 01/01/1963
25.	Lalganj	Bihar	Vaishali	HO	Ganga/Gandak	25.8313	85.168	Rf Mt	01/07/1983 01/01/1961
26.	Mahnar	Bihar	Vaishali	HO	Ganga	25.5827	85.5366	Rf Mt	02/07/2022 01/02/2024
27.	Mahua	Bihar	Vaishali	HO	Ganga/Baya	25.812589	85.39281	Rf Mt	12/06/1992 01/01/2023
28.	Maner	Bihar	Patna	HO/FF	Ganga/Sone	25.728	84.873	Rf Mt	01/06/2014 01/06/1976
29.	Manjhi	Bihar	Saran	HO	Ganga/Ghaghra	25.8273	84.5844	Rf Mt	01/06/2021 13/12/2022
30.	Mankatha	Bihar	Lakhisarai	HO	Ganga/Kiul/Harohar	25.2132	86.0704	Rf Mt	01/06/2014 01/09/1962
31.	Munger	Bihar	Munger	HO/FF	Ganga	25.3778	86.4624	Rf	17/06/1976
32.	Nardiganj	Bihar	Nawada	HO	Ganga/Kiul/Harohar/ Dhadhar	24.9411	85.4275	Rf Mt	23/08/2021 10/01/2022
33.	Nawada	Bihar	Nawada	HO	Ganga/Kiul/Harohar/ Dhadhar/Panchane/Khurri	24.8838	85.5503	Rf Mt	21/08/2021 01/07/2021
34.	Palmerganj	Bihar	Aurangabad	HO	Ganga/Punpun	24.8585	84.3115	Rf	16/06/1986

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
35.	Rewaghat	Bihar	Mujaffarpur	HO/FF	Ganga/Gandak	25.9933	85.0497	Rf Mt	17/07/1976 01/06/2024
36.	Saksohra	Bihar	Patna	HO	Ganga/Phalgu	25.393	85.705	Rf	01/08/2021
37.	Sitalpur	Bihar	Saran	HO	Ganga	25.7461	85.0265	Rf Mt	06/07/2022 14/02/2024
38.	Daltonganj	Jharkhand	Palamu	HO	Ganga/Sone/North Koel	24.0331	84.0636	Rf Mt	17/06/1974 01/07/1970
39.	Garhwa	Jharkhand	Palamu	HO	Ganga/Sone/North Koel	24.2136	83.8783	Rf Mt	06/06/2019 01/08/2019
40.	Japla	Jharkhand	Palamu	HO	Ganga/Sone	24.5669	83.9758	Rf Mt	17/06/1974 12/06/1965
41.	Kathautiya	Jharkhand	Palamu	HO	Ganga/Sone/North Koel	24.1222	84.0633	Rf Mt	01/06/2021 20/02/2021
42.	Mohammad Ganj	Jharkhand	Palamu	HO	Ganga/Sone/North Koel	24.4308	83.8622	Rf Mt	05/06/2014 01/01/1961

Details of the Meteorological Observations on HO/FF Stations	
Region	Lower Ganga basin Organisation, Patna
Circle	Hydrological Observation Circle, Varanasi
Division	Middle Ganga Division-III, Varanasi
TOTAL NUMBER OF SITES-52	
Basin: Ganga Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ahraura	Uttar Pradesh	Mirzapur	HO	Jirgo	25.0827	82.9209	Rf	07/02/2020
2.	Akbarpur	Uttar Pradesh	Ambedkar Nagar	HO	Chhoti Saryu	26.4292	82.5485	Rf Mt	01/06/2015 01/06/2015
3.	Allahabad	Uttar Pradesh	Allahabad	HO/FF	Ganga	25.403	81.9113	Rf Mt	21/06/1971 21/06/1971
4.	Arsadpur	Uttar Pradesh	Ghazipur	HO	Maghai	25.6667	83.5541	Rf	07/02/2020
5.	Azamgarh	Uttar Pradesh	Azamgarh	HO	Chhoti Sayju	26.0483	83.1793	Rf Mt	01/01/1988 01/01/1988
6.	Ballia	Uttar Pradesh	Ballia	HO/FF	Ganga	25.756	84.3668	Rf Mt	01/11/1980 01/11/1980
7.	Mau	Uttar Pradesh	Mau	HO	Chhoti Saryu	25.9478	83.576	Rf	07/02/2020
8.	Chachar	Madhya Pradesh	Singrauli	HO	Myar	23.9954	82.5339	Rf	01/10/2018
9.	Chakghat	Uttar Pradesh	Allahabad	HO	Tons	25.0333	81.7347	Rf	01/11/2018
10.	Chansura	Madhya Pradesh	Umariya	HO	Sone	23.8669	81.216	Rf	01/10/2018

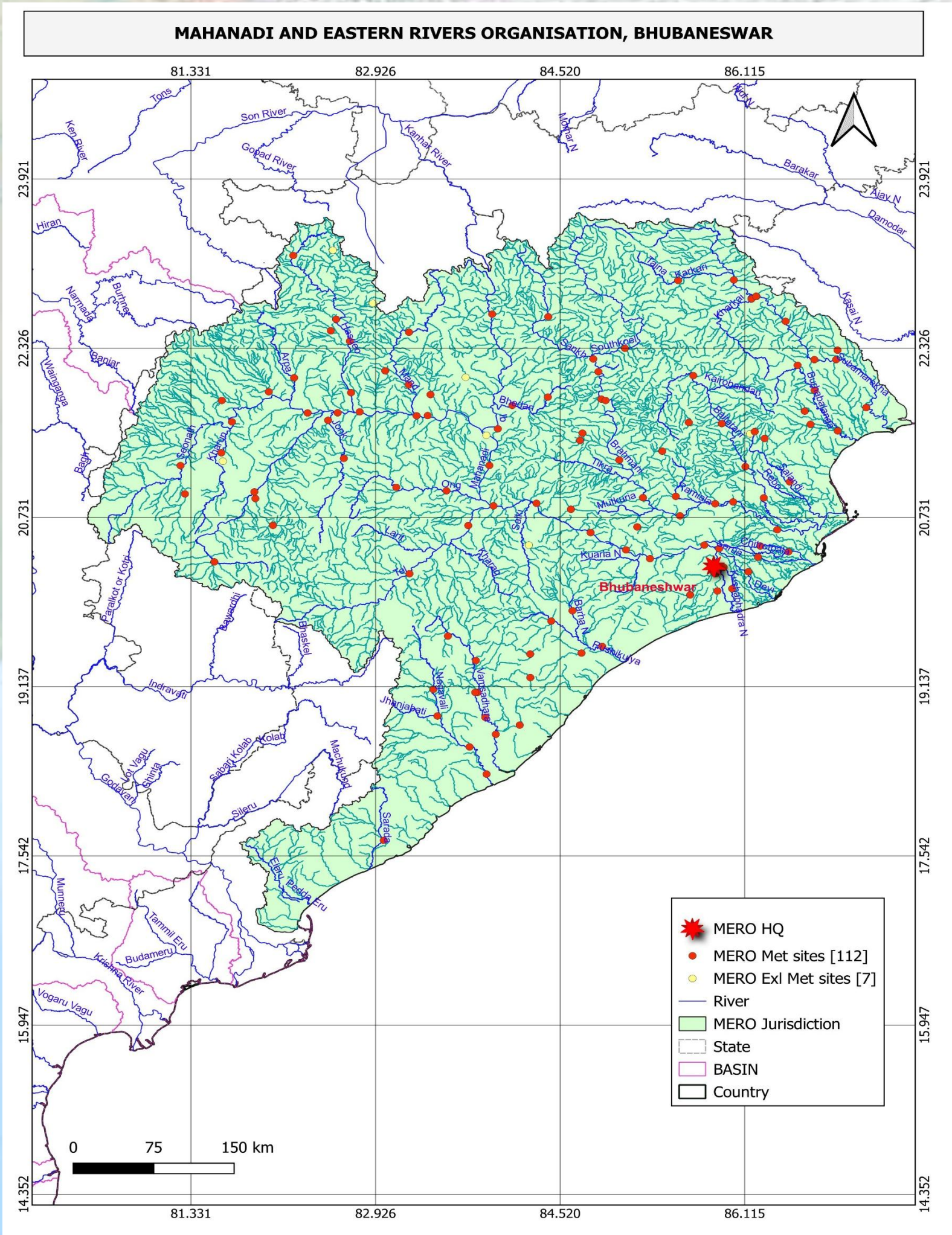
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Chopan	Uttar Pradesh	Sonbhadra	HO	Sone	24.5297	83.0231	Rf Mt	17/06/1964 17/06/1964
12.	Chousa	Bihar	Buxar	HO	Karamnasa	25.5003	83.8789	Rf	07/02/2020
13.	Chunar	Uttar Pradesh	Mirzapur	HO	Ganga	25.1325	82.8823	Rf	07/02/2020
14.	Churhat	Madhya Pradesh	Sidhi	HO	Sone	24.3728	81.6055	Rf	01/11/2018
15.	Deokali	Uttar Pradesh	Ghazipur	HO	Gangi	25.5442	83.3267	Rf	07/02/2020
16.	Duddhi	Uttar Pradesh	Sonbhadra	HO	Kanhar	24.2242	83.2697	Rf Mt	01/06/2004 01/06/2004
17.	Durgawati	Bihar	Kaimur (Bhabhua)	HO	Durgawati	25.2164	83.5164	Rf	07/02/2020
18.	Ghazipur	Uttar Pradesh	Ghazipur	HO/FF	Ganga	25.58	83.5883	Rf	01/01/1989
19.	Goverdheyghat	Madhya Pradesh	Shahdol	HO	Sone	23.7692	81.2053	Rf Mt	01/03/2004 01/03/2004
20.	Jalalpur	Uttar Pradesh	Jaunpur	HO	Sai	25.6303	82.757	Rf Mt	01/03/1973 01/03/1973
21.	Jaunpur	Uttar Pradesh	Jaunpur	HO/FF	Gomti	25.7502	82.6715	Rf Mt	23/09/1973 23/09/1973
22.	Jhokho	Madhya Pradesh	Sidhi	HO	Gopad	24.4264	82.2061	Rf Mt	28/07/1981 28/07/1981

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Kairi	Madhya Pradesh	Rewa	HO	Belan	24.9637	81.8247	Rf	01/09/2018
24.	Karkota	Madhya Pradesh	Singrauli	HO	Rihand	23.946	82.6708	Rf	01/10/2018
25.	Kasmabad	Uttar Pradesh	Ghazipur	HO	Chhoti Saryu	25.8356	83.7542	Rf	07/02/2020
26.	Kharra	Chhattisgarh	Surajpur	HO	Rihand	23.5019	82.8403	Rf Mt	01/01/1988 01/01/1988
27.	Kohdarghat	Uttar Pradesh	Prayagraj	HO	Tons	25.1518	81.9824	Rf	01/09/2018
28.	Koilari	Madhya Pradesh	Shahdol	HO	Ganga/Sone/Banas	23.9778	81.5133	Rf Mt	01/10/2018 01/10/2018
29.	Kuldah Bridge	Madhya Pradesh	Sidhi	HO	Sone	24.4108	81.7042	Rf Mt	21/08/1964 21/08/1964
30.	Lalganj	Uttar Pradesh	Mirzapur	HO	Belan	25.8458	85.1544	Rf	01/09/2018
31.	Maighat	Uttar Pradesh	Jaunpur	HO	Gomti	25.6388	82.8611	Rf Mt	21/01/1982 21/01/1982
32.	Madwas	Madhya Pradesh	Sidhi	HO	Gopad	24.1681	81.8963	Rf	01/11/2018
33.	Mejaroad	Uttar Pradesh	Prayagraj	HO	Tons	25.2375	82.0408	Rf Mt	21/07/1964 21/07/1964
34.	Mirzapur	Uttar Pradesh	Mirzapur	HO/FF	Ganga	25.1546	82.5296	Rf Mt	08/01/1977 08/01/1977

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
35.	Narahan	Uttar Pradesh	Chandauli	HO	Karamnasa	25.1968	83.3299	Rf Mt	01/02/2004 01/02/2004
36.	Narayanpur	Uttar Pradesh	Mirzapur	HO	Ganga	23.8822	87.9422	Rf	07/02/2020
37.	Naudhiya	Madhya Pradesh	Sidhi	HO	Banas	24.1914	81.4794	Rf	01/11/2018
38.	Nigai	Uttar Pradesh	Sonbhadra	HO	Sone	24.4623	83.2322	Rf	01/11/2018
39.	Niwari	Uttar Pradesh	Sonbhadra	HO	Sone	24.6036	82.7765	Rf	01/11/2018
40.	Phaphamau	Uttar Pradesh	Prayagraj	HO/FF	Ganga	25.5042	81.8633	Rf Mt	15/06/2004 15/06/2004
41.	Pratapgarh	Uttar Pradesh	Pratapgarh	HO	Sai	25.9341	82	Rf Mt	15/06/1985 15/06/1985
42.	Rewa	Madhya Pradesh	Rewa	HO	Tons	24.7742	81.2597	Rf	01/10/2018
43.	Saidpur	Uttar Pradesh	Ghazipur	HO	Ganga	25.5339	83.2211	Rf	07/02/2020
44.	Satna	Madhya Pradesh	Satna	HO	Tons	24.5656	80.9067	Rf Mt	01/01/1980 01/01/1980
45.	Shahzadpur	Uttar Pradesh	Kaushambi	HO	Ganga	25.6649	81.4186	Rf Mt	21/07/1964 21/07/1964
46.	Sitamarhi	Uttar Pradesh	Sant Ravidas Nagar	HO	Ganga	25.2686	82.2608	Rf Mt	06/01/2015 06/01/2015

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
47.	Sohar	Madhya Pradesh	Singrauli	HO	Mohan	24.3254	82.2722	Rf	01/10/2018
48.	Sultanpur	Uttar Pradesh	Sultanpur	HO	Gomti	25.5014	85.1089	Rf Mt	11/07/1970 11/07/1970
49.	Tendui	Uttar Pradesh	Varanasi	HO	Varuna	25.3803	82.8286	Rf	07/02/2020
50.	Varanasi	Uttar Pradesh	Varanasi	HO/FF	Ganga	25.3258	83.04	Rf Mt	21/05/1964 21/05/1964
51.	Vijay Raghavgarh	Madhya Pradesh	Katni	HO	katni	23.9691	80.6126	Rf	01/10/2018
52.	Rihand Dam	Uttar Pradesh	Sonbhadra	MET/ Inflow	Rihand	24.20314	83.0119	Rf Mt	01/09/1972 01/09/1972

MAHANADI & EASTERN RIVERS ORGANISATION





MET PLATFORM AT BARONDA ON RIVER PAIRI



MAHANADI DIVISION, BURLA



MET PLATFORM AT ANANDPUR ON RIVER BAITARANI

Details of the Meteorological Observations on HO/FF Stations	
Region	Mahanadi and Eastern Rivers Organisation, Bhubaneswar
Circle	Hydrological Observation Circle, Bhubaneswar
Division	Eastern Rivers Division, Bhubaneswar
TOTAL NUMBER OF SITES-57	
Basin: Brahmani & Baitarni Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Akhuapada	Odisha	Bhadrak	FF	Baitarani	20.9169	86.2797	Rf Mt	01/01/1974 01/07/1994
2.	Altuma	Odisha	Dhenkanal	HO	Brahmani/Ramyala	20.9308	85.5191	Rf Mt	01/01/1992 01/01/1992
3.	Anandpur	Odisha	Keonjhar	FF	Baitarani	21.2111	86.1206	Rf Mt Wv Hu Pe Ss	01/12/1974 01/12/1974 01/06/1972 01/09/1972 01/08/2019 01/08/2019
4.	Bhadrak	Odisha	Bhadrak	HO	Baitarani/Salandi	21.0678	86.5036	Rf Mt	01/06/2019 15/08/2019
5.	Bhejdih	Odisha	Mayurbhanj	FF	Baitarani/Salandi	21.4764	86.2865	Rf Mt	25/07/2019 24/07/2019
6.	BhubanBajirout Rd. Bridge	Odisha	Dhenkanal	HO	Brahmani	20.8616	85.8596	Rf Mt	01/08/2019 26/06/2019
7.	Bolani	Odisha	Sundargarh	HO	Brahmani	22.1053	84.8506	Rf Mt	01/09/2019 04/09/2019
8.	Bonaigarh	Odisha	Sundergarh	HO	Brahmani	21.84759	84.87571	Rf Mt	21/09/2019 01/08/2019
9.	Champua	Odisha	Keonjhar	FF	Baitarani	22.069	85.6706	Rf Mt	01/10/1982 01/06/1986

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Gohira	Odisha	Deogarh	HO	Brahmani/Gohira	21.4578	84.6917	Rf Mt	17/07/2019 01/02/2020
11.	Gomlai	Odisha	Sundergarh	HO	Brahmani	21.8344	84.9128	Rf Mt	21/05/1975 29/08/1977
12.	Indupur	Odisha	Kendrapara	HO	Brahmani	20.6165	86.3959	Mt	01/03/2020
13.	Jaraikela	Odisha	Sundergarh	HO	Brahmani/Koel	22.3262	85.0799	Rf Mt	23/07/1971 23/07/1973
14.	Jenapur	Odisha	Jajpur	FF	Brahmani	20.8788	86.0145	Rf Mt Wv Pe	20/05/1975 20/05/1975 20/05/1975 20/05/1975
15.	Kamakhyanagar Rd. Bridge	Odisha	Dhenkanal	HO	Brahmani	20.7472	85.5556	Rf Mt	05/03/2020 18/07/2019
16.	Keonjhar	Odisha	Keonjhar	FF	Baitarani/Aradei	21.6278	85.6314	Rf Mt	01/04/1993 01/07/2006
17.	Keshdih	Odisha	Mayurbhanj	FF	Baitarani/Gobara Nala	21.5408	86.2011	Rf Mt	25/07/2019 25/07/2019
18.	Panposh	Odisha	Sundergarh	HO	Brahmani	22.2263	84.8061	Rf Mt	01/01/1972 01/01/1972
19.	Purunagarh	Odisha	Deogarh	HO	Brahmani/Baliapita Nala	21.5264	84.7125	Rf Mt	04/01/2020 04/01/2020
20.	Rengali (Seasonal)	Odisha	Angul	HO	Brahmani	21.2731	85.0307	Rf	09/01/1988
21.	SWAMPATNA	Orissa	Keonjhar	FF	Baitarani	21.61667	85.91667	Rf Mt	01/01/1972 01/06/1974

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
22.	TALCHER	Orissa	Angul	HO	Brahmani	20.91889	85.23556	Rf Mt Wv Pe	01/06/1975 01/06/1975 01/06/1975 01/06/1975
23.	TELKOI	Orissa	Keonjhar	HO	Brahmani/ Samakoi	21.35684	85.4022	Rf Mt	01/06/2020 21/09/2019
24.	TILGA	Jharkhand	Simdega	HO	Sankh	22.62333	84.4175	Rf Mt	01/06/1980 01/01/1981
Basin: EFR B/W MAHANADI AND GODAVARI									
25.	Anakapalle	Andhra Pradesh	Visakhapatnam	HO	Sarada	17.6889	82.9963	Rf Mt	01/08/1990 01/08/1990
26.	Gotta Barrage	Andhra Pradesh	Srikakulam	FF	Vamsadhara	18.68814	83.96383	Rf Mt	01/05/1978 01/06/1989
27.	Gudari	Odisha	Rayagada	FF	Vamsadhara	19.3833	83.7922	Rf Mt	02/07/1978 01/06/1980
28.	Gunupur	Odisha	Rayagada	FF	Vamsadhara	19.0833	83.8056	Rf Mt Wv	20/04/1978 01/01/1979 09/01/1991
29.	Jaggaguda	Odisha	Gajapati	HO	Nagavali	19.1115	83.4241	Rf Mt	05/07/2019 28/09/2021
30.	Jhanjhavati Rd. Bridge	Andhra Pradesh	Vizianagaram	HO	Nagavali/Janjhavati	18.8611	83.4597	Rf Mt	05/07/2019 28/09/2020
31.	Kashinagar	Odisha	Gajapati	FF	Vamsadhara	18.8483	83.8731	Rf Mt Wv Pe	22/02/1978 01/01/1979 13/10/1972 01/09/1972
32.	Kurula	Odisha	Ganjam	HO	Rushikulya/ Ghodahada	19.4542	84.7047	Rf Mt	13/03/2019 01/01/2020

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
33.	Kutragada	Odisha	Rayagada	HO	Vamsadhara	19.6146	83.5504	Rf Mt	08/06/1987 01/06/1990
34.	Madhabarida	Odisha	Ganjam	FF	Rushikulya/ Badanadi	19.8531	84.6264	Rf Mt	02/08/1980 02/08/1980
35.	Mahendragarh	Odisha	Gajapati	FF	Vamsadhara/Bada Jore	19.2233	84.2625	Rf Mt	08/02/1980 08/02/1980
36.	Melliaputti	Andhra Pradesh	Srikakulam	HO	Vamsadhara/ Mahendratanaya	18.7752	84.1706	Rf Mt	14/03/2019 01/06/2019
37.	Mohana	Odisha	Gajapati	FF	Vamsadhara/ Harabhangi	19.4447	84.2614	Rf Mt	26/05/1987 01/01/1988
38.	Purushottampur	Odisha	Ganjam	FF	Rushikulya	19.5167	84.8833	Rf Mt Wv	01/01/1990 01/01/1990 15/01/2001
39.	Sankili Road Bridge	Andhra Pradesh	Srikakulam	HO	Nagavali	18.5694	83.7375	Rf Mt	21/06/2019 18/10/2019
40.	SIRJHOLI	Orissa	Rayagada	HO	Sirijholi Nala	19.08344	83.78616	Rf Mt	10/05/2019 08/11/2019
41.	SORADA	Orissa	Ganjam	FF	Rushikulya	19.75556	84.44306	Rf Mt	31/03/1980 01/06/1980
42.	SRIKAKULAM	Andhra Pradesh	Srikakulam	FF	Nagavali	18.31333	83.88417	Rf Mt Wv	02/08/1990 02/08/1990 27/06/2001
Basin: Subernarekha Basin									

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
43.	Adityapur	Jharkhand	Saraikala Kharsawan	FF	Subarnarekha/Kharkai	22.7914	86.1736	Rf Mt	23/06/1971 22/11/1971
44.	Balimundali	Odisha	Mayurbhanj	FF	Burhabalang/ Gangahar	21.734	86.6332	Rf Mt	14/07/1987 08/06/1991
45.	Baripada	Odisha	Mayurbhanj	FF	Burhabalang	21.9311	86.7186	Rf Mt	18/09/1974 01/10/1981
46.	Chandanpur	Odisha	Mayurbhanj	HO	Burhabalang/ Katranala	22.166	86.5714	Rf Mt	11/06/1988 11/06/1988
47.	Fekoghat	West Bengal	Midnapur	FF	Subarnarekha/Dulung	22.3086	86.9164	Rf Mt	01/07/1987 18/06/1988
48.	Ghatsila	Odisha	Angul	HO	Subarnarekha	22.5806	86.4683	Rf Mt	12/08/1978 12/08/1978
49.	Gopiballabhpur	West Bengal	Paschim Midnapur	FF	Subarnarekha	22.2197	86.9047	Rf Mt	07/08/2014 15/09/2014
50.	Jamshedpur	Jharkhand	East Singhbhum	FF	Subarnarekha	22.8156	86.2161	Rf Mt Wv	19/06/1971 24/06/1971 27/11/1972
51.	Jamsholaghat	Odisha	Mayurbhanj	FF	Subarnarekha	22.2197	86.7167	Rf Mt	24/06/1971 24/06/1971
52.	Jaypur	Odisha	Mayurbhanj	FF	Burhabalang/Sone	21.6092	86.6833	Rf Mt	20/06/1980 01/03/1988
53.	Karkari Rd. Bridge	Jharkhand	Jamshedpur	HO	Subarnarekha/Karkari	22.9653	85.5389	Rf Mt	01/08/2018 17/08/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
54.	Muri	Jharkhand	Ranchi	FF	Subarnarekha	22.8167	86.2131	Rf Mt	02/08/1986 01/02/2002
55.	NH5 Govindpur	Odisha	Balasore	FF	Burhabalang	21.5478	86.9181	Rf Mt	14/02/1989 01/11/1993
56.	Rajghat	Odisha	Balasore	FF	Subarnarekha	21.7678	87.1642	Rf Mt	23/05/1975 23/05/1975
57.	Road Bridge D/s of Chandil dam	Jharkhand	Jamsedhpur	FF	Subarnarekha	22.97083	86.02083	Rf Mt	16/07/2019 15/08/2019

Details of the Exclusive Meteorological Observations on HO/FF Stations	
Region	Mahanadi and Eastern Rivers Organisation, Bhubaneswar
Circle	Hydrological Observation Circle, Bhubaneswar
Division	Eastern Rivers Division, Bhubaneswar
TOTAL NUMBER OF SITES-01	
Basin: Brahmani & Baitarni Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Thakurmunda	Odisha	Keonjhar	HO/FF	Baitarani	21.5211	86.1606	Rf	07/01/1987

Details of the Meteorological Observations on HO/FF Stations	
Region	Mahanadi and Eastern Rivers Organisation, Bhubaneswar
Circle	Hydrological Observation Circle, Bhubaneswar
Division	Mahanadi Division, Burla
TOTAL NUMBER OF SITES-55	
Basin: Mahanadi Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Alipingal	Odisha	Jagatsinghpur	FF	Mahanadi/ Devi	20.220833	86.14666667	Rf Mt	01/05/1988 03/11/2004
2.	Andhiyarkhore	Chhatishgarh	Bemetara	HO	Mahanadi/ Seonath/ Hamp	21.83446	81.59721	Rf Mt Wv Pe	01/06/1980 01/06/1978 01/06/1980 01/06/1978
3.	Arampur	Odisha	Angul	HO	Mahanadi/ Sindolijhar	20.809167	84.61333333	Rf Mt	01/07/2005 01/11/2004
4.	Balakati	Odisha	Khurda	HO	Mahanadi/ Bhargavi	20.202222	85.8625	Rf Mt	01/03/2019 01/03/2019
5.	Balanga	Odisha	Puri	HO	Mahanadi/ Bhargavi	20.039167	85.87888889	Rf Mt	01/03/2019 01/03/2019
6.	Bamnidhi	Chhatishgarh	JanjgirChampa	HO	Mahanadi/ Hasdeo	21.908472	82.71358333	Rf Mt Wv Hu Pe	01/06/1980 01/06/1971 01/06/1980 01/06/1971 01/06/1980
7.	Bangodam	Chhatishgarh	Korba	FF	Mahanadi/ Hasdeo	22.600167	82.58494444	Rf Mt	01/06/1984 01/11/1987
8.	Baronda	Chhatishgarh	Gariyaband	HO	Mahanadi/ Pairi	20.91042	81.88706	Rf Mt Wv Pe	01/06/1980 01/06/1978 01/06/1980 01/06/1978
9.	Basantpur	Chhatishgarh	Janjgir/champa	HO	Mahanadi	21.7275	82.78805556	Rf Mt Wv Hu Pe	01/01/1980 01/07/1975 01/01/1980 01/07/1975 01/01/1980

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Bhingarpur	Odisha	Cuttack	HO	Mahanadi/ Kusabhadra	20.262778	85.93305556	Rf Mt	01/03/2019 01/08/2014
11.	Boudh	Odisha	Angul	HO	Mahanadi	20.8653	84.3156	Rf Mt Hu Pe	01/06/2016 03/05/2017 01/06/2016 03/05/2017
12.	Daya Road Bridge	Odisha	Khurda	HO	Mahanadi/ Daya	20.209167	85.85138889	Rf Mt	27/02/2019 01/08/2014
13.	Deogaon	Odisha	Sambalpur	FF	Mahanadi	21.22233	83.90872	Rf Mt	01/07/2004 01/01/2006
14.	Dharamjaigarh	Chhatishgarh	Raigarh	FF	Mahanadi/Mand	22.47778	83.21403	Rf Mt	06/07/1987 01/11/1990
15.	Ghatora	Chhatishgarh	Bilaspur	HO	Mahanadi/ Seonath/ Arpa	22.048333	82.22166667	Rf Mt Wv Hu Pe	01/06/1980 01/08/1979 01/08/1979 01/08/1979 01/08/1979
16.	Gunderdehi	Chhatishgarh	Balod	HO	Mahanadi/ Seonath/ Tandula	20.95383	81.27857	Rf Mt Wv Hu Pe	01/06/2013 01/07/2013 01/06/2013 01/07/2013 01/06/2013
17.	Jamadarpli	Odisha	Sambalpur	FF	Mahanadi	21.56758	83.98172	Rf Mt Hu	17/06/1995 01/01/2017 17/06/1995
18.	Jondhra	Chhatishgarh	Bilaspur	HO	Mahanadi/ Seonath	21.716944	82.3383333	Rf Mt Wv Hu Pe	01/06/1979 27/07/1979 01/06/1979 27/07/1979 01/06/1979
19.	Kalma	Chhatishgarh	JanjgirChampa	HO	Mahanadi	21.69025	83.27986	Rf Mt Wv Hu Pe	17/10/2016 01/03/2017 17/10/2016 01/03/2017 17/10/2016
20.	Kanas (Seasonal)	Odisha	Puri	FF	Mahanadi/ Daya	20.00222	85.64361	Rf	01/06/2008

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
21.	Kantamal	Odisha	Boudh	HO	Mahanadi/ Tel	20.65611	83.72625	Rf Mt Wv Hu Pe	01/06/1987 01/06/1987 01/06/1987 01/06/1987 01/06/1987
22.	Katghora	Chhatisgarh	Korba	HO	Mahanadi/ Hasdeo/ Ahiran	22.491611	82.53855556	Rf Mt	08/03/2019 09/03/2019
23.	Kathjodi Road Bridge	Odisha	Cuttack	HO	Mahanadi/ Kathajodi	20.438333	85.89361111	Rf Mt	01/03/2019 01/03/2019
24.	Kelo at Raigarh	Chhatisgarh	Raigarh	HO/FF	Mahanadi/ Kelo	21.89	83.4	Rf Mt Wv Hu	03/04/2001 01/07/2012 03/04/2001 01/07/2012
25.	Kesinga	Odisha	Kalahandi	HO	Mahanadi/ Tel	20.20185	83.21829	Rf Mt Wv Hu Pe	26/06/1980 01/12/1990 26/06/1980 01/12/1990 26/06/1980
26.	Khairmal	Odisha	Boudh	FF	Mahanadi	20.84139	83.94417	Rf Mt Wv Hu	01/06/1984 01/02/1989 01/06/1984 01/02/1989
27.	Khandapara	Odisha	Nayagarh	FF	Mahanadi/ Kusumi	20.64289	85.18611111	Rf Mt	04/11/2004 01/06/2005
28.	Kishan Nagar	Odisha	Cuttack	HO	Mahanadi	20.426389	85.08916667	Rf Mt	01/03/2019 01/03/2019
29.	Korba	Chhatisgarh	Korba	FF	Mahanadi/ Hasdeo	22.393583	82.70297222	Rf Mt	24/02/1994 01/09/1988
30.	Kotni	Chhatisgarh	Durg	HO	Mahanadi/ Seonath	21.22089	81.24013	Rf Mt Wv Hu Pe	01/06/1980 01/01/1978 01/06/1980 01/01/1978 01/06/1980
31.	Kurubhata	Chhatisgarh	Raigarh	HO	Mahanadi/Mand	21.98181	83.21139	Rf Mt Wv Hu Pe	21/06/1980 11/04/1978 21/06/1980 11/04/1978 21/06/1980

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
32.	Mahulpali	Odisha	Sambalpur	FF	Mahanadi/ Ib/Bheden	21.86631	84.41375	Rf Mt	17/07/2003 01/07/2005
33.	Malegaon	Chhatishgarh	Gariyabandh	HO	Mahanadi /Pairi	20.65759	82.03856	Rf Mt	01/06/2019 01/04/2019
34.	Manendragarh	Chhatishgarh	Koriya	HO	Mahanadi/ Hadsdeo	23.201389	82.2144444	Rf Mt Wv Hu	16/05/1987 14/05/1987 16/05/1987 14/05/1987
35.	Maniyari Rd. Bridge	Chhatishgarh	Mungeli	HO	Mahanadi/ Seonath/ Maniyari	21.91673	82.00269	Rf Mt	01/03/2019 20/04/2019
36.	Marshaghai	Odisha	Kendrapara	FF	Mahanadi/ Luna	20.409167	86.4925	Rf	30/07/2013
37.	Naraj	Odisha	Cuttack	FF	Mahanadi	20.471667	85.76555556	Rf Mt Wv Hu Pe	01/01/1972 26/09/1974 01/01/1972 26/09/1974 01/01/1972
38.	Nimapara	Odisha	Puri	FF	Mahanadi/ Kushabhadra	20.060833	86.00638889	Rf Mt	08/11/1984 01/07/2006
39.	Padampur	Odisha	Bargarh	HO	Mahanadi/ Ong	21.01583	83.10425	Rf Mt Hu Pe	01/03/2017 01/06/2018 01/03/2017 01/06/2018
40.	Padmabati	Odisha	Nayagarh	FF	Mahanadi	20.343889	85.29611111	Rf Mt	01/05/2006 01/10/2004
41.	Paramanpur	Odisha	Jharsuguda	HO/FF	Mahanadi/ Ib/Bheden	21.7885	84.10653	Rf Mt Wv Pe	07/09/1989 05/01/2014 07/09/1989 05/01/2014
42.	Patharidih	Chhatishgarh	Raipur	HO	Mahanadi/ Seonath/ Kharun	21.34181	81.59277	Rf Mt Wv Pe	23/06/1989 01/06/1989 23/06/1989 01/06/1989
43.	Pubansa (Seasonal)	Odisha	Kendrapara	FF	Mahanadi/ Luna	20.462778	86.24916667	Rf	01/06/2015

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
44.	Rajim	Chhatishgarh	Gariyaband	HO	Mahanadi	20.97361	81.87833	Rf Mt Wv Hu Pe	01/01/1980 01/05/1971 01/01/1980 01/05/1971 01/01/1980
45.	Rampur	Chhatishgarh	Baloda Bazar	HO	Mahanadi/ Jonk	21.64757	82.51518	Rf Mt Wv Hu Pe	01/01/1980 01/05/1971 01/01/1980 01/05/1971 01/01/1980
46.	Salebhata	Odisha	Balangir	HO	Mahanadi/ Ong	20.98306	83.53764	Rf Mt Wv Hu Pe	01/01/1981 01/11/1988 01/01/1981 01/11/1988 01/01/1981
47.	Sankara	Chhatishgarh	Mahasamud	FF	Mahanadi/ Jonk	21.28889	82.65143	Rf Mt	01/07/1987 01/06/1987
48.	Sarangpal	Chhatishgarh	Kanker	HO	Mahanadi	20.31339	81.53215	Rf Mt	17/07/2019 17/07/2019
49.	Seorinarayan	Chhatishgarh	Janjgir/champa	HO	Mahanadi	21.718333	82.5975	Rf Mt Wv Hu Pe	01/06/1995 17/02/1986 01/06/1995 17/02/1986 01/06/1995
50.	Simga	Chhatishgarh	Raipur	HO	Mahanadi/ Seonath	21.6327	81.68463	Rf Mt Wv Hu Pe	05/06/1980 01/08/1972 05/06/1980 01/08/1972 05/06/1980
51.	Sundergarh	Odisha	Sundergarh	HO	Mahanadi/ Ib	22.1142	83.00878	Rf Mt Wv Hu Pe	11/08/1980 14/08/1978 11/08/1980 14/08/1978 11/08/1980
52.	Surajgarh	Chhatishgarh	Raigarh	FF	Mahanadi	21.6925	83.37594	Rf Mt	23/06/1989
53.	Tarapur	Odisha	Jagatsinghpur	HO	Mahanadi	20.357778	86.23	Rf Mt	01/03/2019 01/03/2019
54.	Thettatanagar	Chhatishgarh	Jaspurnagar	FF	Mahanadi/ Ib	22.64833	83.93278	Rf Mt	28/05/1987 01/01/2000

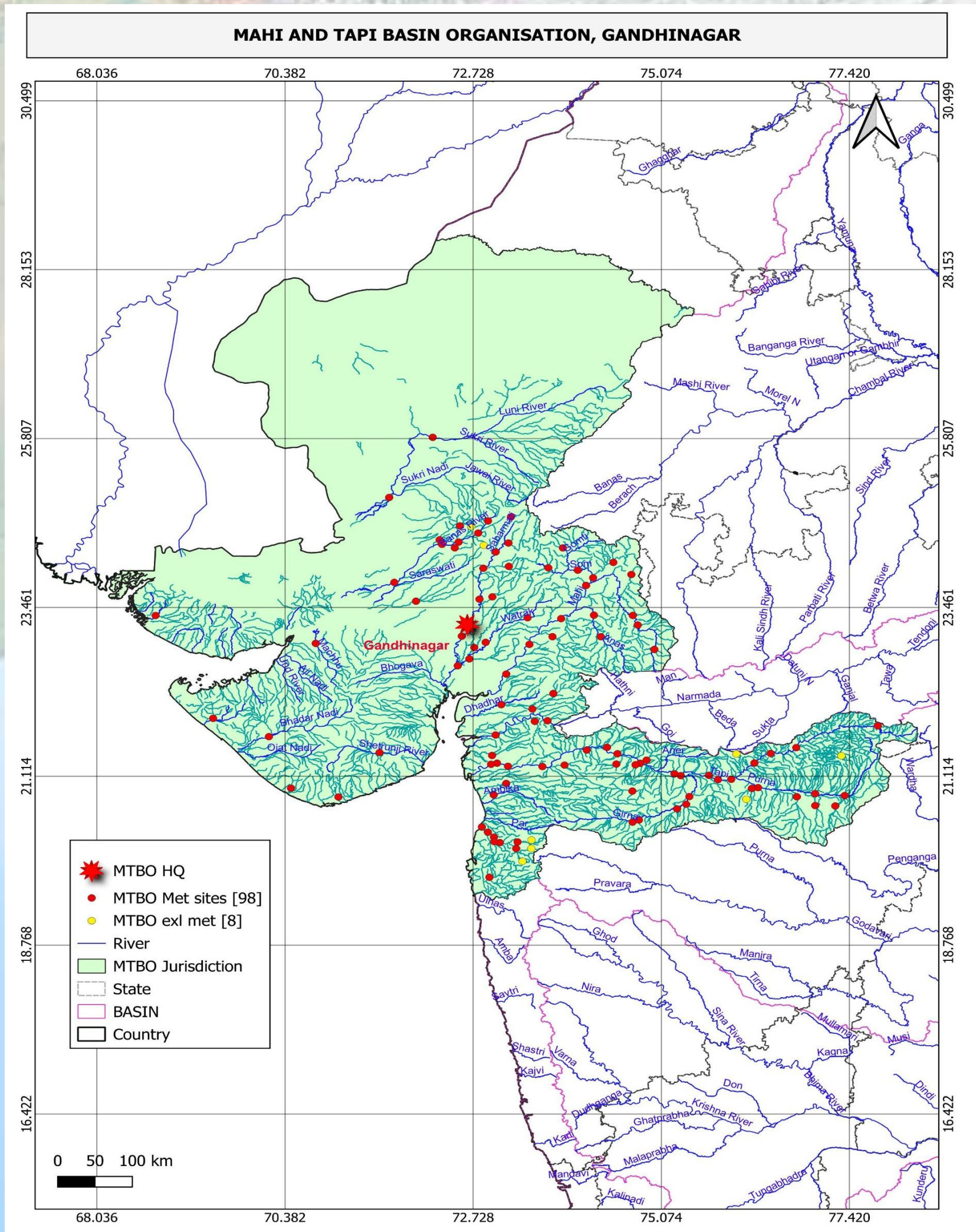


Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
55.	Tikarapara	Odisha	Angul	HO	Mahanadi	20.58944	84.78333	Rf Mt Wv Pe	01/10/1977 17/08/1980 01/10/1977 17/08/1980

Details of the Exclusive Meteorological Observations on HO/FF Stations	
Region	Mahanadi and Eastern Rivers Organisation, Bhubaneswar
Circle	Hydrological Observation Circle, Bhubaneswar
Division	Mahanadi Division, Burla
TOTAL NUMBER OF SITES-06	
Basin: Mahanadi	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Baikunthpur	Chhattisgarh	Koriya	Met & FF	Mahanadi/Hasdeo	23.2506	82.5560	Rf	07/04/1985
2.	Burla	Odisha	Sambalpur	Met & FF	Mahanadi	21.5065	83.8827	Rf Mt Pe Hu	01/06/2007 01/06/2007 01/06/2007 01/06/2007
3.	Gopalpur	Odisha	Sundergarh	Met & FF	Mahanadi /Ib/Basundhara	22.0532	83.7035	Rf Mt	01/06/2003 01/01/2017
4.	Pendra road	Chhattisgarh	Gaurella/Pendra a/Marwahi	Met & FF	Mahanadi/Seonath/ Arpa	22.7500	82.9010	Rf	04/07/1984
5.	Phulbani	Odisha	Kandhamal	Met & FF	Mahanadi	20.4716	84.2490	Rf Mt	14/09/1985 01/10/2017
6.	Raipur	Chhattisgarh	Raipur	Met & FF	Mahanadi/Seonath/ Kharun	21.2617	81.6058	Rf	20/07/1984

MAHI AND TAPI BASIN ORGANISATION





KHEDA (GD), GUJARAT AT RIVER VATRAK



SABARMATI SUB-DIVISION, AHMEDABAD



NORTH WESTERN RIVER SUB DIVISION, HIMMATNAGAR

Details of the Meteorological Observations on HO/FF Stations	
Region	Mahi & Tapi Basin Organisation, Gandhinagar
Circle	Hydrological Observation Circle, Gandhinagar
Division	Mahi Division, Gandhinagar
TOTAL NUMBER OF SITES-47	
Basin: Mahi Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Amarpura	Rajasthan	Udaipur	HO	Tidi	24.2875	73.8464	RF	16/03/2016
2.	Anas Ph/ II	Rajasthan	Banswara	HO	Anas	23.353617	74.2337	RF	01/06/1991
3.	Borwa	MP	Ratlam	HO	Mahi	23.216111	74.7800	RF	12/08/2015
4.	Chakaliya	Gujarat	Dahod	HO	Anas	23.054167	74.31971	Rf At Dbt Wbt Rh Ws Wd	01/07/1991
5.	Dhariawad	Rajasthan	Pratapgarh	HO	Jakham	24.086667	74.47575	Rf AT DBT WBT RH WS WD	01/06/1989
6.	Kadana Dam	Gujarat	Mahisagar	HO, FF	Mahi	23.305344	73.82470	RF	10/06/1978
7.	Khandiovari	Rajasthan	Udaipur	HO	Som	24.011389	73.66416667	Rf AT RH WS WD	06/03/2016
8.	Khanpur	Gujarat	Anand	HO	Mahi	22.535022	73.140422	Rf At Dbt Wbt Rh Ws Wd Pe	01/06/1988

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
9.	Labriya, Mahi Project	MP	Dhar	Met	Mahi	22.8771	74.987	RF	23/10/2019
10.	Mataji	MP	Ratlam	HO	Mahi	23.349781	74.71807778	Rf At Dbt Wbt Rh Ws Wd	01/06/1989
11.	Paderdibadi	Rajasthan	Dungarpur	HO	Mahi	23.766483	74.13586389	Rf At Dbt Wbt Rh Ws Wd	01/08/1985
12.	Panam Dam	Gujarat	Panchmahal	HO, FF	Panam	23.054169	73.71671111	Rf	20/06/1980
13.	Rangeli	Rajasthan	Dungarpur	HO	Som	23.872342	74.22335556	Rf At Dbt Wbt Rh Ws Wd	15/07/1999
14.	Sohagpura	Rajasthan	Pratapgarh	HO	Erau	23.918333	74.70027778	Rf At Dbt Wbt Rh Ws Wd	06/08/2015
15.	Somkamla Amba Dam	Rajasthan	Dungarpur	HO, FF	Som	23.978331	74.03249722	Rf	06/01/1995
16.	Wanakbori	Gujarat	Mahisagar	HO, FF	Mahi	22.9475	73.42944167	Rf	25/06/1979
Basin: Sabarmati Basin									
17.	Derol Bridge	Gujarat	Sabarkantha	HO	Sabarmati	23.575394	72.80634722	Rf At Rh Ws Wd	15/06/1987

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
18.	Dharoi Dam	Gujarat	Mehsana	HO, FF	Sabarmati	24.004442	72.85388889	Rf	01/01/1989
19.	Harnav Weir	Gujarat	Sabarkantha	HO	Harnav	24.030897	73.17236389	Rf	09/02/1985
20.	Hathmati Weir	Gujarat	Sabarkantha	HO	Hathmati	23.607781	72.96740556	Rf	06/02/1985
21.	Jotasan	Gujarat	Sabarkantha	HO	Wakal	24.355614	73.16812222	Rf At Rh Ws Wd	15/06/1988
22.	Kheda	Gujarat	Kheda	HO	Watrak	22.74585	72.68010556	Rf AT RH	01/07/1988
23.	Kheroj	Gujarat	Sabarkantha	HO	Sabarmati	24.231108	73.00833056	Rf AT RH WS WD	20/05/1987
24.	Raska Weir	Gujarat	Kheda	HO	Meshwo	22.904242	72.74116667	Rf	05/11/1985
25.	Ratanpur	Gujarat	Kheda	HO	Watrak	22.975647	72.88355556	Rf At Dbt Wbt Rh Ws Wd	01/08/1985
26.	Sei Dam	Rajasthan	Udaipur	HO	Sei	24.718803	73.19832222	Rf	04/09/1993
27.	Subhash Bridge	Gujarat	Ahmedabad	HO, FF	Sabarmati	23.061389	72.58555556	Rf	01/04/1980
28.	Vautha	Gujarat	Kheda	HO	Sabarmati	22.650292	72.53498611	Rf At RH	24/06/2000

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
29.	Watrak Dam	Gujarat	Sabarkantha	HO	Watrak	23.318447	73.40600556	Rf	04/07/1985
Basin: WFR of Kutch and Saurashtra including Luni Basin									
30.	Abu Road	Rajasthan	Sirohi	HO, FF	Banas	24.493608	72.79027778	Rf At Dbt Wbt Rh Ws Wd	01/06/1980
31.	Balotra	Rajasthan	Barmer	HO	Luni	25.823608	72.22333056	Rf At Dbt Wbt Rh Ws Wd	05/07/1990
32.	Bhakudar (Sipu Dam)	Gujarat	Banaskantha	HO	Sipu	24.400331	72.30931667	Rf	01/07/1985
33.	Chhasara (Wadsar)	Gujarat	Katchch	HO	Mitti	23.349039	68.76832222	Rf At Dbt Wbt Rh	08/06/2018
34.	Chitrasani	Gujarat	Banaskantha	HO	Balaram	24.288889	72.49833056	Rf At Dbt Wbt Rh Ws Wd	01/06/1980
35.	Dantiwada Dam	Gujarat	Banaskantha	HO, FF	Banas	24.337694	72.33910556	Rf	07/05/1978
36.	Gandhav	Rajasthan	Barmer	HO	Luni	24.988558	71.67996667	Rf At Dbt Wbt Rh Ws Wd	24/06/1974
37.	Ganod	Gujarat	Rajkot	HO	Bhadar	21.665556	70.18083056	Rf At Rh Ws Wd	01/06/1981

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
38.	Gungan	Gujarat	Morbi	HO	Machchu	22.961667	70.76444167	Rf At Rh Ws Wd	01/06/1988
39.	Jamrawal	Gujarat	Dwarka	HO	Vatru	21.919953	69.48491389	Rf At Dbt Wbt Rh Ws Wd	11/06/2018
40.	Kamalpur	Gujarat	Banaskantha	HO	Banas	23.808331	71.74416389	Rf At Dbt Wbt Rh Ws Wd	01/06/1981
41.	Karoti	Rajasthan	Sirohi	HO	Sipu	24.593333	72.56333333	Rf At Dbt Wbt Rh Ws Wd	27/06/2018
42.	Lowara	Gujarat	Bhavnagar	HO	Shetrunji	21.443889	71.56027778	Rf At Dbt Wbt Rh Ws Wd	01/06/1989
43.	Sapawada	Gujarat	Mehsana	HO	Rupen	23.547361	72.01469722	Rf At Dbt Wbt Rh Ws Wd	01/06/1991
44.	Sarotry	Gujarat	Banaskantha	HO	Banas	24.3691	72.54659167	Rf At Dbt Wbt Rh Ws Wd	01/06/1980
45.	Savni(Navadara)	Gujarat	Gir Somnath	HO	Hiren	20.949561	70.45665	Rf At Dbt Wbt Rh	01/06/2018

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
46.	Swaroopganj	Rajasthan	Sirohi	HO	Banas	24.663056	72.91277778	Rf	08/07/1989
47.	Una	Gujarat	Gir Somnath	HO	Machundri	20.826944	71.0475	Rf At Dbt Wbt Rh Wd	23/10/2019

Details of the Exclusive Meteorological Observation Stations	
Region	Mahi & Tapi Basin Organisation, Gandhinagar
Circle	Hydrological Observation Circle, Gandhinagar
Division	Mahi Division, Gandhinagar
TOTAL NUMBER OF SITES-02	
Basin: Mahi Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ambaji	Gujarat	Banaskantha	Met & FF	Banas	24.3239	72.8611	Rf	01/06/1997
2.	MountAbu	Rajasthan	Sirohi	Met & FF	Banas	24.5869	72.7036	Rf	01/06/1996

Details of the Meteorological Observations on HO/FF Stations	
Region	Mahi & Tapi Basin Organisation, Gandhinagar
Circle	Hydrological Observation Circle, Gandhinagar
Division	Tapi Division, Surat
TOTAL NUMBER OF SITES-51	
Basin: Narmada Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bharuch	Gujarat	Bharuch	HO, FF	Narmada	21.6894	73.0072	Rf	21/01/1992
2.	Bodeli	Gujarat	Chhota Udaipur	HO	Orsang	22.265	73.7272	Rf	15/06/1984
3.	Chanwada	Gujarat	Vadodara	HO	Orsang	22.05	73.4661	Rf Wv Pe	01/06/1980 01/10/1981 01/01/1986
4.	Garudeshwar	Gujarat	Narmada	HO,FF	Narmada	21.8864	73.6544	Rf Mt Wv Hu Pe	06/01/1977 06/01/1977 06/01/1977 06/01/1977 06/01/1977
5.	Rajpipla	Gujarat	Narmada	HO	Karjan	21.8778	73.4966	Rf	20/06/2001
Basin: Tapi Basin									
6.	Akola	Maharashtra	Akola	HO	Morna	20.7081	76.9931	Rf	27/06/2018
7.	Bambrul	Maharashtra	Jalgaon	HO	Titur	20.6625	75.2702	Rf	01/06/2019
8.	Bhusawal	Maharashtra	Jalgaon	HO	Tapi	21.0683	75.7803	Rf Mt Wv Hu Ev	31/08/1975 01/09/1999 01/12/2001 01/06/2001 01/06/2001
9.	Burhanpur	Madhya Pradesh	Khandwa	HO	Tapi	21.2994	76.235	Rf Mt Wv Hu Pe	11/08/1970 01/09/1972 01/09/1972 01/09/1972 01/09/1972

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Chandapur. (Uchhal)	Gujarat	Tapi	HO	Nesu	21.2706	73.8672	Rf	06/01/2019
11.	Dahigaon	Maharashtra	Jalgaon	HO	Girna	20.8333	75.4239	Rf Pe	19/06/1986 01/04/2010
12.	Dambarkheda	Maharashtra	Nandurbar	HO	Gomati	21.5177	74.397	Rf	01/06/2018
13.	Dedtalai	Madhya Pradesh	Khandwa	HO	Tapi	21.5139	76.7564	Rf Mt Wv Hu Pe	01/12/1978 01/12/1978 01/12/1978 01/12/1978 25/08/2021
14.	Dhupeshwar	Maharashtra	Buldhana	HO	Purna	20.9572	76.2803	Rf	08/09/2018
15.	Duskheda	Maharashtra	Jalgaon	HO	Bahula	20.7267	75.3838	Rf	01/06/2019
16.	Gadat	Gujarat	Navsari	HO	Ambica	20.8569	72.9836	Rf Mt Wv Hu Pe	01/07/1982 01/07/1982 01/07/1982 01/07/1982 01/07/1982
17.	Gavachi (Ver)	Gujarat	Tapi	HO	Ver	21.2536	73.1619	Rf	01/06/2019
18.	Ghala	Gujarat	Surat	HO	Tapi	21.2972	73.0253	Rf Mt Wv Hu	01/07/1985 01/07/1985 01/07/1985 01/07/1985
19.	Gidhade	Maharashtra	Dhule	HO	Tapi	21.2953	74.81	Rf Mt Wv Hu Pe	31/08/1971 28/03/1987 17/04/1990 28/03/1987 12/05/1992
20.	Girna Dam	Maharashtra	Nasik	HO	Girna	20.4783	74.7153	Rf	27/05/1992
21.	Gopalkheda	Maharashtra	Akola	HO	Purna	20.874	76.9926	Rf Mt Wv Pe	29/09/1990 01/08/1979 01/08/1979 01/08/1979

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
22.	Hathnur	Maharashtra	Jalgaon	HO	Tapi	21.0731	75.9458	Rf Mt Wv Hu	01/06/1987 01/10/1991 01/07/2003 25/06/2000
23.	Kathore	Gujarat	Surat	HO	Tapi	21.282025	72.950311	Rf	01/06/2019
24.	Kurankheda	Maharashtra	Akola	HO	Katepurna	20.7031	77.2429	Rf	01/06/2019
25.	Lakhpuri	Maharashtra	Akola	HO	Purna	20.8475	77.3606	Rf Mt Wv Hu	01/09/1981 21/03/1979 21/03/1979 21/03/1979
26.	Lohara	Maharashtra	Buldhana	HO	Man	20.8306	76.7639	Rf	15/06/2015
27.	Malpur (Balsana)	Maharashtra	Dhule	HO	Amravati	21.2847	74.5132	Rf	03/01/2019
28.	Morane	Maharashtra	Dhule	HO	Panjhara	20.9095	74.7133	Rf Mt Ar Wv Hu Pe	01/06/1993 28/01/1992 11/01/1990 03/03/1995 01/01/1992 01/06/1993
29.	Motinaroli	Gujarat	Surat	HO	Kim (Indepent River)	21.4044	72.9633	Rf Mt Wv Hu Pe	01/06/1993 28/01/1992 03/02/1995 01/01/1992 01/06/1998
30.	Narne	Maharashtra	Jalgaon	HO	Anjani	21.124	75.317	Rf	01/06/2019
31.	Nawtha	Madhya Pradesh	Burhanpur	HO	Tapi	21.4325	76.4378	Rf	01/06/2019
32.	Pimpri	Maharashtra	Jalgaon	HO	Vanoli	21.1283	75.6672	Rf	18/07/2019
33.	Sarangkheda	Maharashtra	Nandurbar	HO	Tapi	21.4283	74.5272	Rf Mt Wv Hu Pe	12/06/1986 28/03/1987 10/09/1986 28/03/1987 05/12/1992

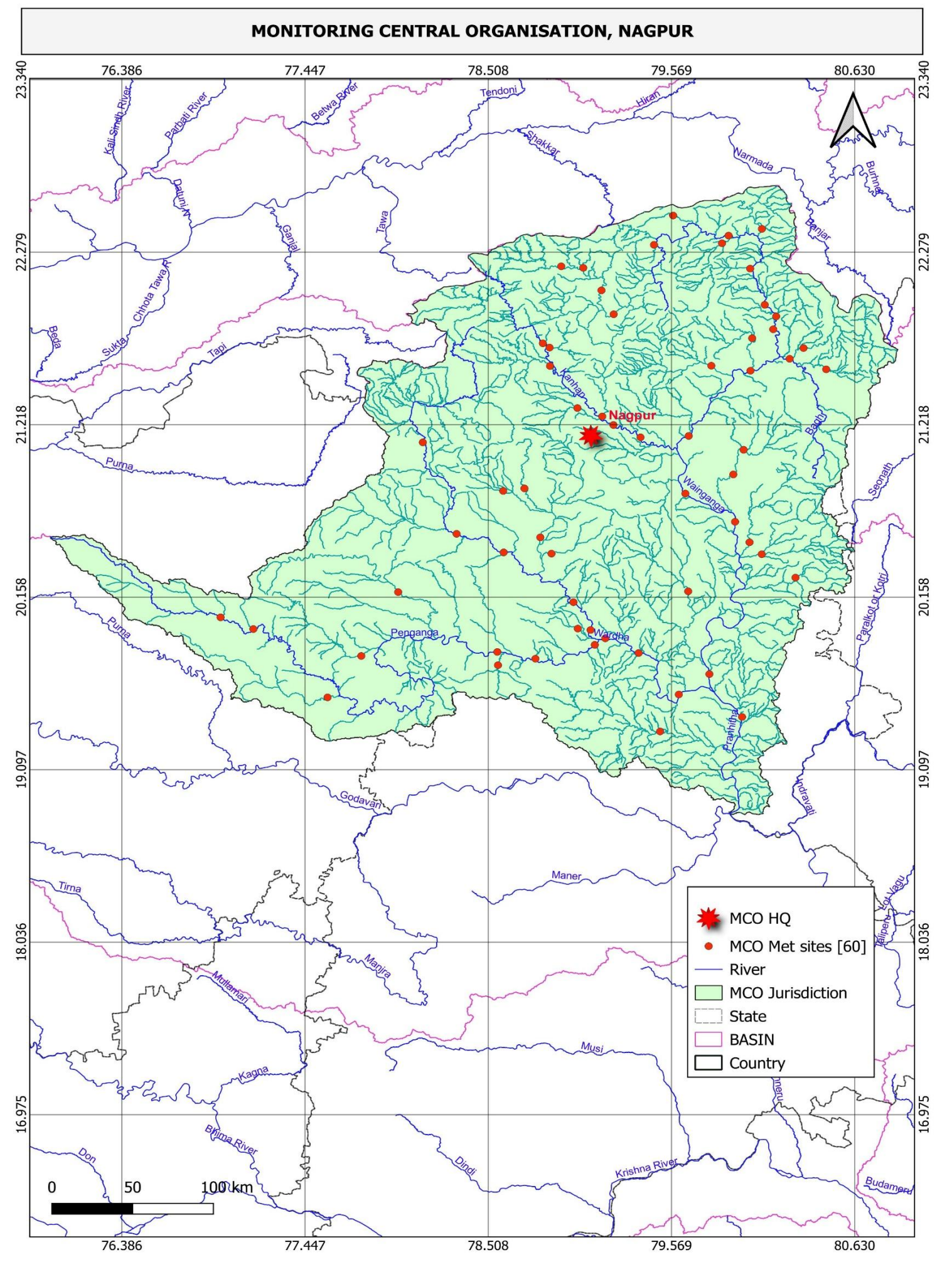
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
34.	Savkheda	Maharashtra	Jalgaon	HO	Tapi	21.1487	75.2384	Rf Mt Ar Wv Hu Pe	01/01/1982 01/01/1982 01/01/1982 21/09/1973 01/01/1982 10/10/1992
35.	Saygaon	Maharashtra	Jalgaon	HO	Manyad	20.5079	74.795	Rf	01/04/2019
36.	Shindhkheda	Maharashtra	Dhule	HO	Buray	21.2749	74.7518	Rf	01/06/2019
37.	Shirpur	Maharashtra	Dhule	HO	Arunawati	21.3396	74.8901	Rf	15/05/2019
38.	Talaswada	Maharashtra	Buldhana	HO	Nalganga	20.9467	76.2031	Rf	18/07/2019
39.	Teska	Madhya Pradesh	Betul	HO	Tapi	21.8149	77.7736	Rf	28/06/2001
40.	Ukai Dam	Gujarat	Tapi	HO, FF	Tapi	21.2499	73.5914	Rf	-
41.	Velda (Nizar)	Gujarat	Tapi	HO	Shevali	21.4794	74.1436	Rf	01/06/2019
Basin: Mahi Basin									
42.	Pingalwada	Gujarat	Vadodara	HO	Dhadhar (Independent River)	22.1102	73.0788	Rf Mt Wv Hu Pe	10/09/1999 01/01/1994 01/01/1994 01/01/1994 01/01/1994
Basin: WFR South of Tapi									
43.	Daman	D.N.H. & D.D.	Daman	HO/FF	Damanganga	20.4114	72.8364	Rf	01/09/1998

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
44.	Durvesh	Maharashtra	Palghar	HO	Vaitarna	19.7124	72.9303	Rf	27/06/1982
45.	Madhuban Dam	Gujarat	Valsad	HO, FF	Damanganga	20.1934	73.0605	Rf	27/06/1992
46.	Mahuwa	Gujarat	Surat	HO	Purna	21.0155	73.1397	Rf Mt Wv Hu Pe	01/06/1986 01/06/1986 01/06/1986 01/06/1986 01/06/1986
47.	Nanipalsan	Gujarat	Valsad	HO	Damanganga	20.2033	73.2813	Rf	15/05/1986
48.	Ozerkheda	Maharashtra	Nasik	HO	Wagh	20.1108	73.2646	Rf	15/06/1989
49.	Silvassa	D.N.H. & D.D.	Silvassa	HO	Damanganga	20.2701	72.9866	Rf Mt	01/06/1993 01/06/1993
50.	Solachar	D.N.H. & D.D.	Silvassa	HO	Sakartond	20.2073	72.9905	Rf	01/07/1992
51.	Vapi	Gujarat	Valsad	HO	Damanganga	20.3387	72.9116	Rf	15/06/1980

Details of the Exclusive Meteorological Observations on HO/FF Stations	
Region	Mahi & Tapi Basin Organisation, Gandhinagar
Circle	Hydrological Observation & Coordination Circle, Gandhinagar
Division	Tapi Division, Surat
TOTAL NUMBER OF SITES-06	
Basin: Tapi Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Chikaldara	Maharashtra	Amaravati	Met & FF	Sipna	21.3997	77.3197	Rf	21/06/1988
2.	Chiklod	Maharashtra	Jalgaon	Met & FF	Bhokar	21.4250	76.0094	Rf	14/05/2011
Basin: WFR South of Tapi									
3.	Dindore	Maharashtra	Nasik	Met & FF	Damanganga	20.2297	73.4544	Rf	17/06/1987
4.	Harsul	Maharashtra	Nasik	Met & FF	Damanganga	20.1128	73.4519	Rf	10/05/1986
5.	Mokheda	Maharashtra	Palghar	Met & FF	Damanganga	19.9347	73.3428	Rf	19/01/1987
6.	Shelgaon	Maharashtra	Buldhana	Met & FF	Mohganga	20.7961	76.1333	Rf	14/05/2011

MONITORING CENTRAL ORGANISATION





FCS SITE 'P.G. BRIDGE' ON RIVER PENGANGA



**TELEMETRY STATION, WAIRAGARH AT RIVER
KHOBRAGADI**



SITE HIVRA AT RIVER WARDHA

Details of the Meteorological Observations on HO/FF Stations	
Region	Monitoring Central Organisation, Nagpur
Circle	Monitoring Central, Nagpur
Division	Wainganga Division, Nagpur
TOTAL NUMBER OF SITES-60	
Basin: Godavari Basin	

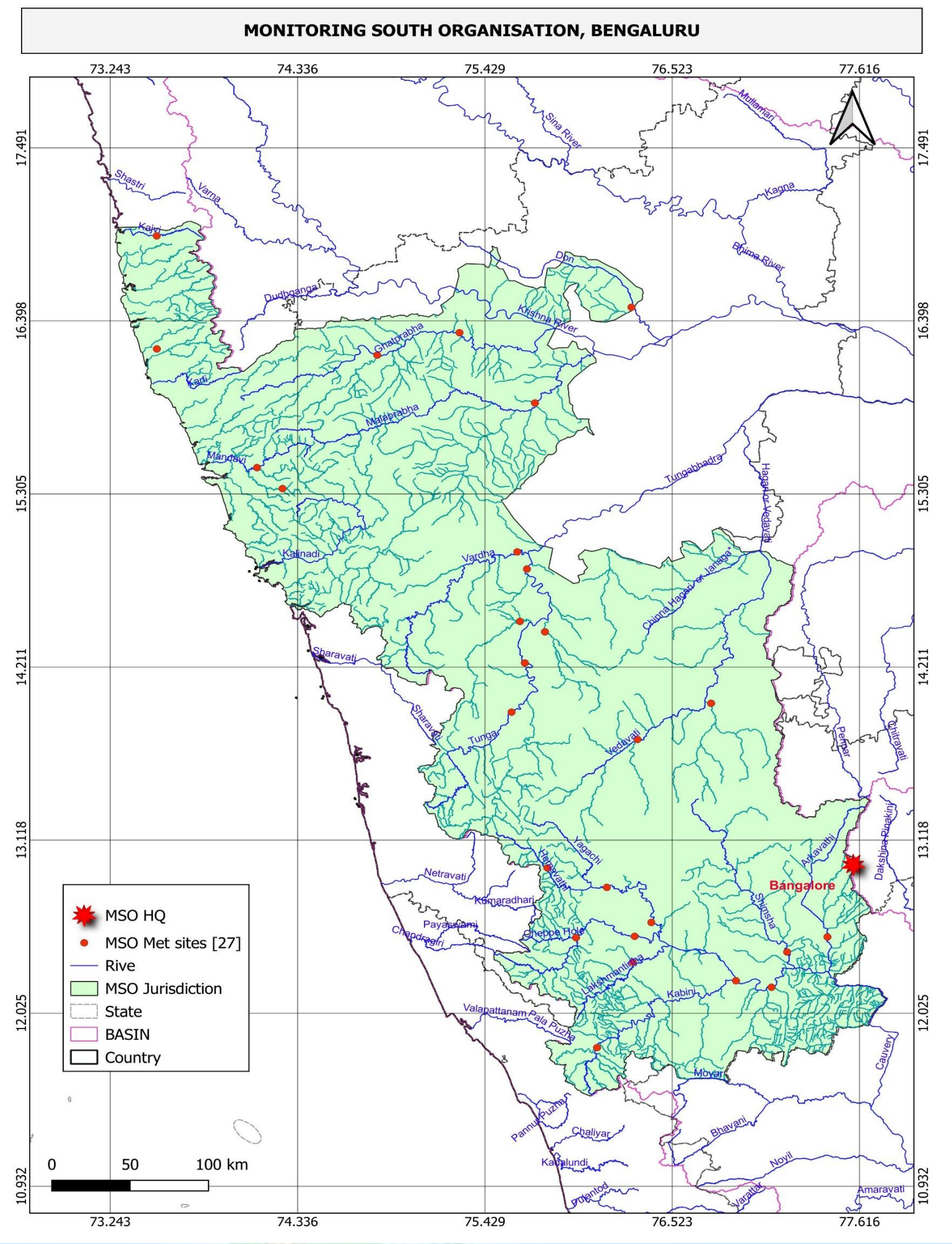
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Aheri Gudem Bridge	Maharashtra	Gadchiroli	HO	Godavari/Pranhita/ Pranhita	19.421	79.978	Rf Mt	01/07/2022 01/06/2023
2.	Asegaon	Maharashtra	Washim	HO	Godavari/Pranhita/ Wardha/ Penganga	20.0336	76.9583	Rf Mt	20/07/2021 21/03/2023
3.	Ashti	Maharashtra	Gadchiroli	HO	Godavari/Pranhita/ Wainganga	19.6847	79.7886	Rf Mt	01/06/1995 01/04/1995
4.	Bakhari	Madhya Pradesh	Seoni	HO	Godavari/Pranhita/ Wainganga	22.3247	79.468	Rf Mt	14/06/2021 21/11/2021
5.	Balaghat	Madhya Pradesh	Balaghat	HO	Godavari/Pranhita/ Wainganga	21.8052	80.1583	Rf Mt	18/04/1980 17/04/2024
6.	Bamni (Ballarsha)	Maharashtra	Chandrapur	HO / FF	Godavari/Pranhita/ Wardha	19.8144	79.3792	Rf Mt	01/01/1996 11/12/1972
7.	Belgaon (Selu)	Maharashtra	Wardha	HO	Godavari/Pranhita/ Wardha/ Wunna/Dham/Bore	20.8267	78.7178	Rf Mt	28/07/2021 25/04/2024
8.	Bhandara	Maharashtra	Bhandara	HO / FF	Godavari/Pranhita/ Wainganga	21.1492	79.6686	Rf Mt	14/09/1979 01/05/2024
9.	Bhatpalli	Telangana	Kumuram Bheem Asifabad	HO	Godavari/Pranhita/ Peddavagu	19.3317	79.5031	Rf Mt	27/08/1994 01/04/1988
10.	Bhishnur	Maharashtra	Wardha	HO	Godavari/Pranhita/ Wardha	21.1097	78.1294	Rf Mt	18/06/2021 29/04/2024
11.	Bichhubaggu	Madhya Pradesh	Chindwara	HO	Godavari/Pranhita/ Wainganga/Kanhan/ Sobhana	21.69277	78.86333	Rf Mt	01/06/2022 11/05/2024
12.	Bina	Maharashtra	Nagpur	HO	Godavari/Pranhita/ Wainganga/Kanhan	21.2692	79.1683	Rf Mt	17/06/2021 14/05/2024
13.	Chhinda(Singodi)	Madhya Pradesh	Chindwara	HO	Godavari/Pranhita/ Wainganga/Kanhan/ Pench	22.1833	79.058	Rf Mt	01/06/2022 24/04/2024
14.	Dhanora (Kathani)	Maharashtra	Gadchiroli	HO	Godavari/Pranhita/ Wainganga/Katani	20.278	80.2872	Rf Mt	07/01/2018 23/09/2022
15.	Dhanora (Wardha)	Maharashtra	Chandrapur	HO	Godavari/Pranhita/ Wardha	19.9044	79.1858	Rf Mt	02/06/2021 01/01/2022
16.	Ganeshganj	Madhya Pradesh	Seoni	HO	Godavari/Pranhita/ Wainganga/Bijna	22.505	79.5788	Rf Mt	08/01/2021 01/06/2022

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
17.	Ghugus	Maharashtra	Chandrapur	HO	Godavari/Pranhita/ Wardha	19.9558	79.1008	Rf Mt	05/08/1999 11/12/1972
18.	Hivra	Maharashtra	Wardha	HO	Godavari/Pranhita/ Wardha	20.5472	78.325	Rf Mt	05/09/1995 01/09/1987
19.	Jhilmili	Madhya Pradesh	Chindwara	HO	Godavari/Pranhita/ Wainganga/Kanhan/ Pench	22.0447	79.1638	Rf Mt	01/08/2021 24/04/2024
20.	Jogisakhra	Maharashtra	Gadchiroli	HO	Godavari/Pranhita/ Wainganga/Gadvi	20.4952	80.0211	Rf Mt	01/06/2021 01/11/2021
21.	Kamgarpur	Telangana	Adilabad	HO	Godavari/Pranhita/ Wardha/ Penganga	19.7792	78.7813	Rf Mt	01/08/2021 01/03/2023
22.	Kanhargaon	Maharashtra	Hingoli	HO	Godavari/Pranhita/ Wardha/ Penganga	19.9617	77.1483	Rf Mt	03/07/200 01/11/1993
23.	Kapsi	Maharashtra	Wardha	HO	Godavari/Pranhita/ Wardha	20.4331	78.5975	Rf Mt	10/06/2021 16/05/2024
24.	Keolari	Madhya Pradesh	Seoni	HO	Godavari/Pranhita/ Wainganga	22.3814	79.8997	Rf Mt	20/06/1994 21/07/1987
25.	Kokiwada	Madhya Pradesh	Chindawara	HO	Godavari/Pranhita/ Wainganga/Kanhan/ Pench	21.8977	79.2344	Rf Mt	16/06/2021 21/08/2021
26.	Kumhari	Madhya Pradesh	Balaghat	HO	Godavari/Pranhita/ Wainganga	21.8844	80.1753	Rf Mt	15/06/1993 01/10/1987
27.	Lodhikheda	Madhya Pradesh	Chindawara	HO	Godavari/Pranhita/ Wainganga/Kanhan/Jam	21.5794	78.8658	Rf Mt	01/07/2021 17/08/2019
28.	Magardharra	Madhya Pradesh	Balaghat	HO	Godavari/Pranhita/ Wainganga	21.9558	80.1092	Rf Mt	14/06/2021 01/06/2022
29.	Mahagaon (Pus)	Maharashtra	Yavatmal	HO	Godavari/Pranhita/ Wardha/ Penganga/Pus	19.7961	77.7731	Rf Mt	31/07/2021 16/02/2023
30.	Mahalgaon	Maharashtra	Gondia	HO	Godavari/Pranhita/ Wainganga	21.5505	80.0266	Rf Mt	09/06/2021 01/05/2022
31.	Mangrul	Maharashtra	Yavatmal	HO	Godavari/Pranhita/ Wardha/ Penganga/Aran	20.1889	77.9867	Rf Mt	01/06/1995 01/10/1993
32.	Mondgaon (Yelakeli)	Maharashtra	Wardha	HO	Godavari/Pranhita/ Wardha/ Wunna/Dham	20.8111	78.5947	Rf Mt	28/07/2021 26/04/2024
33.	Mouda	Maharashtra	Nagpur	HO	Godavari/Pranhita/ Wainganga/Kanhan	21.1408	79.3897	Rf Mt	23/06/2021 21/08/2023

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
34.	Mungapar	Madhya Pradesh	Seoni	HO	Godavari/Pranhita/ Wainganga/Sagar	22.3344	79.8617	Rf Mt	29/07/2021 21/04/2024
35.	Mungoli (Township)	Maharashtra	Yavatmal	HO	Godavari/Pranhita/ Wardha/ Penganga	19.8644	79.125	Rf Mt	01/06/2021 11/08/2020
36.	Nagari	Maharashtra	Chandrapur	HO	Godavari/Pranhita/ Wardha/ Wunna/Pothra	20.4256	78.8744	Rf Mt	13/06/2022 05/08/2023
37.	Nainpur	Madhya Pradesh	Mandla	HO	Godavari/Pranhita/ Wainganga/Thanwar	22.4227	80.0927	Rf Mt	27/07/2021 21/04/2024
38.	Nandgaon	Maharashtra	Wardha	HO	Godavari/Pranhita/ Wardha/ Wunna	20.5255	78.8097	Rf Mt	10/07/2001 01/08/1986
39.	P.G.Bridge	Maharashtra	Yavatmal	HO	Godavari/Pranhita/ Wardha/ Penganga	19.8208	78.5608	Rf Mt	17/08/1979 01/02/1989
40.	Patala	Maharashtra	Chandrapur	HO	Godavari/Pranhita/ Wardha	20.1269	79.0014	Rf Mt	01/06/2021 01/12/2021
41.	Patansaongi	Maharashtra	Nagpur	HO	Godavari/Pranhita/ Wainganga/Kanhan/ Chandrabhaga	21.3208	79.0244	Rf Mt	18/06/2021 11/11/2021
42.	Pauni	Maharashtra	Bhandara	HO/FF	Godavari/Pranhita/ Wainganga	20.795	79.6494	Rf Mt	01/07/1982 01/04/1969
43.	Piplatola (Datta)	Madhya pradesh	Balaghat	HO	Godavari/Pranhita/ Wainganga/Bagh/Dev	21.6897	80.3336	Rf Mt	10/06/2021 01/05/2022
44.	Purad	Maharashtra	Yavatmal	HO	Godavari/Pranhita/ Wardha/ Nirguda	19.9644	79.0267	Rf Mt	18/06/2021 01/09/2020
45.	Rajegaon	Madhya Pradesh	Balaghat	HO	Godavari/Pranhita/ Wainganga/Bagh	21.6239	80.2533	Rf Mt	01/06/1993 01/11/1988
46.	Rajoli	Maharashtra	Chandrapur	HO	Godavari/Pranhita/ Wainganga/Andhari/Mul	20.1936	79.6661	Rf Mt	03/07/2000 09/10/1987
47.	Ramakona	Madhya Pradesh	Chindawara	HO	Godavari/Pranhita/ Wainganga/Kanhan	21.7189	78.8242	Rf Mt	29/05/1995 21/11/1986
48.	Rui	Maharashtra	Nanded	HO	Godavari/Pranhita/ Wardha/ Penganga/Kayadu	19.5414	77.5778	Rf Mt	28/07/2021 24/12/2023
49.	Sakhra (Wadsa)	Maharashtra	Gadchiroli	HO	Godavari/Pranhita/ Wainganga	20.6213	79.9372	Rf Mt	01/06/2021 01/11/2021
50.	Sakmur	Maharashtra	Chandrapur	HO	Godavari/Pranhita/ Wardha	19.5592	79.6117	Rf Mt	01/06/2006 06/12/1972
51.	Sakoli Bridge	Maharashtra	Bhandara	HO	Godavari/Pranhita/ Wainganga/Chulband	21.0642	79.9869	Rf Mt	01/06/2021 01/01/2022
52.	Salebardi	Maharashtra	Bhandara	HO	Godavari/Pranhita/ Wainganga/Chulband	20.9125	79.9272	Rf Mt	25/06/1993 11/07/1986

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
53.	Sarekha	Madhya Pradesh	Seoni	HO	Godavari/Pranhita/ Wainganga/Hirri	22.1786	80.0247	Rf Mt	31/07/2021 21/04/2024
54.	Sarra	Madhya Pradesh	Chindwara	HO	Godavari/Pranhita/ Wainganga/Kanhan/ Pench/Kulbehra	22.0081	78.9308	Rf Mt	02/08/2021 24/04/2024
55.	Satrapur	Maharashtra	Nagpur	HO	Godavari/Pranhita/ Wainganga/Kanhan	21.2167	79.2331	Rf Mt	24/09/1993 11/07/1986
56.	Sitekasa	Maharashtra	Bhandara	HO	Godavari/Pranhita/ Wainganga/Bawanthadi	21.5811	79.8	Rf Mt	20/06/1997 01/06/2024
57.	Temni	Madhya pradesh	Balaghat	HO	Godavari/Pranhita/ Wainganga/Bagh/Son	21.5589	80.465	Rf Mt	10/06/2021 04/09/2023
58.	Tharnam	Telangana	Adilabad	HO	Godavari/Pranhita/ Wardha/ Penganga/Satnalla	19.7394	78.5644	Rf Mt	01/08/2021 01/03/2023
59.	Wairagarh	Maharashtra	Gadchiroli	HO	Godavari/Pranhita/ Wainganga/Khobragarhi	20.4219	80.0917	Rf Mt	01/06/2000 01/06/1994
60.	Waraseoni	Madhya Pradesh	Balaghat	HO	Godavari/Pranhita/ Wainganga/Chandan	21.7503	80.0363	Rf Mt	07/01/2021 17/04/2024

MONITORING SOUTH ORGANISATION





DIVISION OFFICE



ANJANARI SITE ON KAJVI RIVER, MAHARASHTRA



WATER QUALITY LAB, MSO

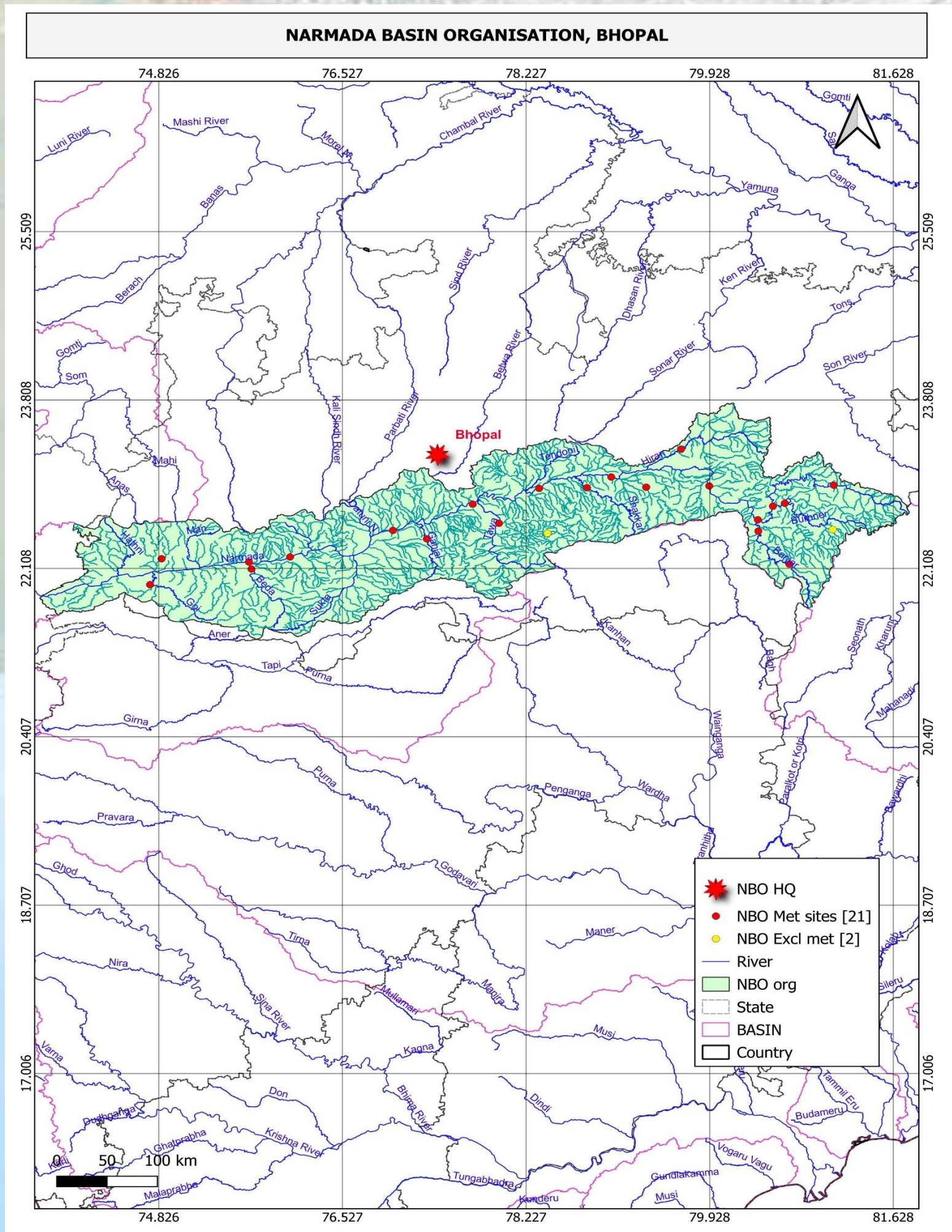
Details of the Meteorological Observations on HO/FF Stations	
Region	Monitoring South Organisation, Bengaluru
Circle	Monitoring (HO & CC), Bengaluru
Division	Cauvery Division, Bengaluru
TOTAL NUMBER OF SITES-27	
Basin: Cauvery Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Akkihebbal	Karnataka	Mandya	HO	Cauvery/Hemavati	12.59855	76.40044	Rf Mt Wv Pe Hu	01/01/2003 01/01/2014 10/02/2003 24/02/2003 01/06/2014
2.	Chunchunkatte	Karnataka	Mysore	HO	Cauvery	12.511056	76.303083	Mt	21/06/2018
3.	K.M. Vadi	Karnataka	Mysuru	HO	Cauvery/ Lakshmanthirtha	12.34721	76.29225	Rf Mt Wv	07/10/1984 15/06/1988 06/06/1979
4.	Kollegal	Karnataka	Chamarajanagar	HO	Cauvery	12.18934	77.10189	Rf Mt Wv Pe Hu	01/12/1976 01/12/1976 01/12/1976 01/12/1976 01/12/1976
5.	Kudige	Karnataka	Kodagu	HO	Cauvery	12.50239	75.96097	Rf Mt Wv Pe Hu	01/06/1981 03/03/1980 01/10/1980 01/07/1981 16/03/2018
6.	M.H. Halli	Karnataka	Hassan	HO	Cauvery/Hemavati	12.81989	76.14101	Rf Mt Wv Pe Hu	01/06/1984 01/12/1979 05/11/1979 21/05/2002 01/05/2014
7.	Muthankera	Kerala	Waynad	HO	Cauvery/Kabini	11.80818	76.08409	Rf Mt Wv	20/09/1978 07/08/1976 26/05/2005
8.	Sakleshpur	Karnataka	Hassan	HO	Cauvery/Hemavati	12.94346	75.79377	Rf Mt Wv Pe Hu	27/02/2017 07/03/1976 20/12/2018 27/02/2017 08/11/2017
9.	T. Bekuppe	Karnataka	Ramanagara	HO	Cauvery /Arkavathi	12.5071	77.42818	Rf Mt Wv	15/09/2005 15/09/2005 01/06/2008

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	T.K.Halli	Karnataka	Mandya	HO	Cauvery/Shimsha	12.41208	77.19287	Rf Mt	21/09/1984 01/07/1984
11.	T.Narasipur	Karnataka	Mysuru	HO	Cauvery/Kabini	12.23019	76.89433	Rf Mt Wv Pe Hu	25/01/1985 26/12/1973 11/06/1974 01/08/2008 01/07/2018
Basin: Krishna Basin									
12.	Byaladahalli	Karnataka	Davanagere	HO	Krishna/Tungabhadra/ Haridra	14.43401	75.77972	Rf Mt Wv Pe	01/10/2004 05/09/1985 29/03/2004 10/10/2004
13.	Cholachugudda	Karnataka	Bagalkot	HO	Krishna/Malaprabha	15.87918	75.72125	Rf Mt	01/08/1989 01/06/1982
14.	Gokak Falls	Karnataka	Belgam	HO	Krishna/Ghatprabha	16.18139	74.80111	Rf Mt	16/06/1987 14/07/1971
15.	Haralahalli	Karnataka	Haveri	HO	Krishna/Tungabhadra	14.83056	75.67458	Rf Mt Wv Pe	01/07/1978 01/01/1973 01/01/1988 01/08/1994
16.	Honnali	Karnataka	Davangere	HO	Krishna/Tungabhadra	14.23722	75.6625	Rf Mt Wv Pe	01/06/1988 06/06/1980 06/06/1980 01/10/2003
17.	Hoovinahole	Karnataka	Chitradurga	HO	Krishna/Tungabhadra/ Swarnamukhi	13.9825	76.74917	Rf Mt	01/01/2005 01/08/2004
18.	Kellodu	Karnataka	Chitradurga	HO	Krishna/Tungabhadra/ Vedavathi	13.75417	76.31972	Rf Mt	10/05/1990 01/08/1990
19.	Kuppellur	Karnataka	Haveri	HO	Krishna/Tungabhadra/ Kumudavathi	14.50002	75.63389	Rf Mt Wv	19/06/1996 24/07/1990 01/02/2005
20.	Marol	Karnataka	Haveri	HO	Krishna/Tungabhadra/ Varda	14.93884	75.61806	Rf Mt Wv Pe	31/12/1987 01/06/1990 01/06/1988 16/12/1994

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
21.	Mudhol	Karnataka	Bagalkot	HO	Krishna/Ghataprabha	16.32333	75.28111	Mt	16/09/2015
22.	Shimoga	Karnataka	Shimoga	HO	Tungabhadra/Tunga	13.92694	75.585	Rf Mt Wv Hu	10/06/1988 01/04/1973 01/06/1987 19/07/2014
23.	Talikot	Karnataka	Bijapur	HO	Krishna/Don	16.48361	76.28444	Mt	21/09/1995
Basin: WFR South of Tapi									
24.	Anjanari	Maharashtra	Ratnagiri	HO	Kajvi	16.93461	73.51405	Rf Mt Wv Hu	01/06/2004 26/05/1985 01/01/2022 01/01/2022
25.	Belne Bridge	Maharashtra	Sindudurg	HO	Gad	16.220833	73.51472	Mt Wv Hu	10/10/1998 01/01/2022 01/01/2022
26.	Collem	Goa	South Goa	HO	Mandovi/Kandepar	15.338661	74.24825	Mt Wv Hu	01/06/1983 01/06/2021 01/06/2021
27.	Ganjam	Goa	North Goa	HO	Mandovi/Mahadai	15.47096	74.09928	Rf Mt Wv Hu	01/06/2000 11/07/1978 01/11/2021 01/11/2021

NARMADA BASIN ORGANISATION





SITE- KOGAON ON KUNDI RIVER, INDORE



SITE OFFICE- DHULSAR ON URI RIVER UNDER, INDORE



SITE OFFICE- BELKHERI ON SHER RIVER UNDER, NARMADAPURAM

Details of the Meteorological Observations on HO/FF Stations	
Region	Narmada Basin Organisation, Bhopal
Circle	Narmada Basin (Coordination), Bhopal
Division	Narmada Division, Bhopal
TOTAL NUMBER OF SITES-21	
Basin: Narmada	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bamni	Madhya Pradesh	Mandla	HO	Narmada/Banjar	22.4842	80.3781	Rf	15/06/2006
2.	Barginagar	Madhya Pradesh	Jabalpur	HO	Narmada	22.9403	79.9231	Rf Mt Wv Hu Pe	11/07/2007 10/07/2007 01/04/2001 10/07/2007 13/07/2007
3.	Barmanghat	Madhya Pradesh	Narsinghpur	HO	Narmada	23.0308	79.0156	Rf Mt Wv Hu Pe	17/06/1975 01/06/1979 01/06/1979 01/06/1992 01/06/1983
4.	Belkheri	Madhya Pradesh	Narsinghpur	HO	Narmada/Sher	22.9278	79.3397	Rf Mt Wv Hu	05/10/1986 01/04/1981 01/04/1981 01/06/1992
5.	Chhidgaon	Madhya Pradesh	Harda	HO	Narmada/Ganjal	22.4058	77.3081	Rf Mt Wv Hu	14/06/1980 01/03/1981 01/03/1981 01/06/1992
6.	Dhulsar	Madhya Pradesh	Dhar	HO	Narmada / Uri	22.2056	74.8519	Rf Mt Wv Hu	01/06/2020 01/06/2020 01/06/2020 01/06/2020
7.	Dindori	Madhya Pradesh	Dindori	HO	Narmada	22.9478	81.0761	Rf Mt Wv Hu Pe	19/06/1987 01/04/1989 01/06/2000 01/06/1992 01/07/1991
8.	Gadarwara	Madhya Pradesh	Narsinghpur	HO	Narmada/Sakkar	22.9228	78.791	Rf Mt Wv Hu	28/02/1977 01/01/1980 01/01/1980 01/06/1992
9.	Handia	Madhya Pradesh	Harda	HO	Narmada	22.4917	76.9936	Rf Mt Wv Hu Pe	04/08/1979 01/06/1980 01/06/1980 01/06/1992 25/08/1987

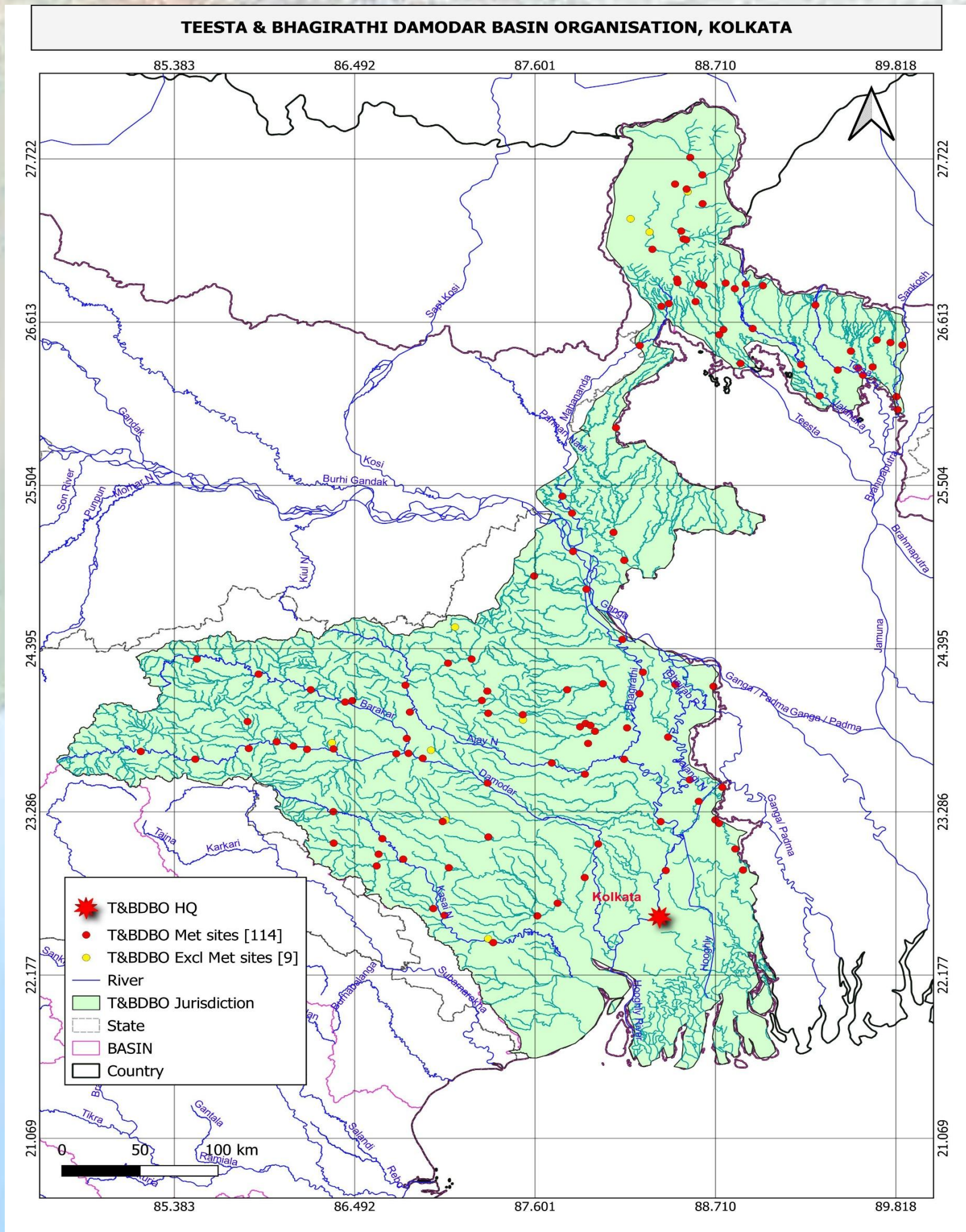
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Hoshangabad / Narmadapuram	Madhya Pradesh	Narmadapura m	HO/FF	Narmada	22.7561	77.7328	Rf Mt Wv Hu Pe	07/06/1972 01/01/1980 01/03/1980 01/06/1992 01/01/1990
11.	Kogaon	Madhya Pradesh	Khargone	HO	Narmada/Kundi	22.1014	75.6842	Rf Mt Wv Hu	09/06/1981 01/07/1978 01/07/1978 01/06/1992
12.	Mandla	Madhya Pradesh	Mandla	HO/FF	Narmada	22.5992	80.374	Rf Mt Hu	01/06/1986 13/10/2001 13/10/2001
13.	Mandleshwar	Madhya Pradesh	Khargone	HO	Narmada	22.172	75.6608	Rf Mt Wv Hu	03/02/1979 01/08/1980 01/08/1980 01/06/1992
14.	Manot	Madhya Pradesh	Mandla	HO	Narmada	22.7358	80.5131	Rf Mt Wv Hu Pe	01/06/1980 01/06/1980 01/06/1980 01/06/1992 01/11/1990
15.	Mohgaon	Madhya Pradesh	Mandla	HO	Narmada/Burhner	22.7658	80.6233	Rf Mt Wv Hu Pe	11/07/1979 01/07/1979 11/07/1979 01/06/1992 01/04/1992
16.	Mortakka	Madhya Pradesh	Khandwa	HO	Narmada	22.2233	76.0411	Rf Mt Wv Hu Pe	01/06/1986 01/06/2000 01/06/2000 10/09/1999 01/06/2000
17.	Mukki	Madhya Pradesh	Balaghat	HO	Narmada/Banjar	22.1506	80.665	Rf	03/09/1987
18.	Patan	Madhya Pradesh	Jabalpur	HO	Narmada/Hiran	23.3111	79.6619	Rf Mt Wv Hu Pe	04/01/1980 01/07/1983 01/07/1983 01/06/1992 01/06/1992
19.	Pati	Madhya Pradesh	Barwani	HO	Narmada / Goi	21.9433	74.7447	Rf Mt Wv Hu	01/06/2020 01/06/2020 01/06/2020 01/06/2020

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
20.	Sandia	Madhya Pradesh	Hoshangabad	HO	Narmada	22.9158	78.3475	Rf Mt Wv Hu Pe	06/01/1981 01/03/1980 01/03/1980 01/06/1992 11/02/1992
21.	Tawanagar	Madhya Pradesh	Narmdapuram	HO	Narmada / Tawa	22.5633	77.9761	Rf	01/06/1986

Details of the Exclusive Meteorological Observations Stations	
Region	Narmada Basin Organisation, Bhopal
Circle	Narmada Basin (Coordination), Bhopal
Division	Narmada Division, Bhopal
TOTAL NUMBER OF SITES-02	
Basin: Narmada	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Mawai	Madhya Pradesh	Mandla	HO/FF	Narmada	22.4994	81.0667	Rf	04/06/1987
2.	Pachmarhi	Madhya Pradesh	Hoshangabad	HO/FF	Narmada	22.4667	78.4333	Rf	01/06/1987

TEESTA & BHAGIRATHI DAMODAR BASIN ORGANISATION





DISCHARGE OBSERVATION FROM BRIDGE AT NH-31 GDSQ SITE ON RIVER JALDHAKA, JALPAIGURI, WEST BENGAL



MEASUREMENT OF DISCHARGE THROUGH ADCP AT GHUGUMARI GDSQ SITE ON TORSIA RIVER, COOCHBEHAR, WEST BENGAL



STATION GAUGE LINE AT MEKHLIGANJ R/B SITE ON TEESTA RIVER, COOCH BEHAR, WEST BENGAL

Details of the Meteorological Observations on HO/FF Stations	
Region	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata
Circle	Hydrological Observation Circle, Maithon
Division	Damodar Division, Asansol
TOTAL NUMBER OF SITES-49	
Basin: Ganga Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Barkisuraiya	Jharkhand	Giridih	HO	Barakar	24.221864	85.901017	Rf	27/09/1983
2.	Beria	Jharkhand	Giridih	HO	Beria	24.041944	86.4775	Rf	06/09/2014
3.	Bishnupur	West Bengal	Bankura	HO	Darakeswar	23.115652	87.313431	Rf	01/08/2019
4.	Chandrapura	Jharkhand	Bokaro	HO	Damodar	23.7329	86.1154	Rf	30/07/2021
5.	Chitaranjan Rd. Bridge	West Bengal	Paschim Bardhaman	HO	Ajay	23.86416	87.87691	Rf	01/06/2020
6.	D.P.Ghat	West Bengal	Jhargram	HO	Tarafeni Bhairabanki	22.62974	86.97479	Rf	01/01/2001
7.	Damodar Railway Bridge	West Bengal	Paschim Bardhaman	HO	Damodar	23.65023	86.90989	Rf	20/06/2020
8.	Dishergarh	West Bengal	Paschim Bardhaman	HO	Damodar	23.68386	86.822967	Rf	16/09/2019
9.	Durgapur Barrage	West Bengal	West Bardhaman	HO/FF	Damodar	23.48175	87.30893	Rf	09/08/1955
10.	Ghansadih	Jharkhand	Dhanbad	HO	Damodar	23.713889	86.361111	Rf	15/02/2015

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Ghatal	West Bengal	Paschim Midnapur	HO	Silabati	22.666107	87.73915	Rf	01/08/2019
12.	Gheropara	West Bengal	Birbhum	HO/FF	Ajay	23.61862	87.703252	Rf	18/06/1979
13.	Harinkhola	West Bengal	Hooghly	HO/FF	Mundeshwari	22.84037	87.905663	Rf	12/06/1979
14.	Haripur (seasonal)	Jharkhand	Dumka	HO	Tepra	24.29647	87.065704	Rf	15/06/2007
15.	Hendegir	Jharkhand	Hazaribagh	HO	Damodar	23.6968	85.1774	Rf	01/06/1979
16.	Jamalpur	West Bengal	Purba Bardhaman	HO	Damodar	23.06834	87.98847	Rf	21/07/1994
17.	Jamtara	Jharkhand	Jamtara	HO	Ajay	23.964	86.831191	Rf	15/06/1985
18.	Kangsabati Dam	West Bengal	Bankura	HO/FF	Kangsabati	22.96511	86.79022	Rf	01/06/1978
19.	Kharidwar	West Bengal	Purulia	HO	Kumari	22.998997	86.6388	Rf	01/01/2001
20.	Konar Dam	Jharkhand	Hazaribagh	HO/FF	Konar	23.9	85.83333	Rf	01/06/1979
21.	Kushkarni	West Bengal	Birbhum	HO	Kushkarni	23.956167	87.31255	Rf	27/07/2019
22.	Lakhiyapal	West Bengal	Bankura	HO	Silabati	22.906915	87.070666	Rf	01/08/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Lalgarh	West Bengal	Jhargram	HO	Kangsabati	22.58344	87.04389	Rf	01/01/2001
24.	Maharo	Jharkhand	Dumka	HO	Mayurakshi	24.324278	87.210425	Rf	13/07/1979
25.	Maithon Dam	Jharkhand	Dhanbad	HO/FF	Barakar	23.785152	86.811849	Rf	01/06/1979
26.	Mamudpur (seasonal)	West Bengal	Murshidabad	HO	Bakreswar	23.83379	87.968998	Rf	01/06/2020
27.	Massanjore Dam	Jharkhand	Dumka	HO/FF	Mayurakshi	24.106389	87.30722	Rf	13/06/1979
28.	Mohanpur	West Bengal	Paschim Midnapur	HO	Kangsabati	22.39842	87.34358	Rf	01/01/2001
29.	Nandadih	Jharkhand	Dhanbad	HO	Barakar	24.032453	86.43298	Rf	15/06/1988
30.	Narajole	West Bengal	Paschim Midnapur	HO	Silabati	22.57976	87.614677	Rf	01/08/2019
31.	Narayanpur (Seasonal)	West Bengal	Murshidabad	HO/FF	Mayurakshi	23.8873124	87.9112614	Rf	19/06/1979
32.	Natungram	West Bengal	Bankura	HO	Darakeswar	23.220926	87.03231	Rf	01/08/2019
33.	Nutanhat	West Bengal	Purba Bardhaman	HO	Ajay	23.54228	87.90725	Rf	17/06/1985
34.	Palganj	Jharkhand	Giridih	HO	Barakar	24.116087	86.2216	Rf	01/06/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
35.	Panchet Dam	Jharkhand	Dhanbad	HO/FF	Damodar	23.681555	86.74743	Rf	01/08/1982
36.	Phulberia	West Bengal	Purulia	HO	Jamuna & Tatko	22.91922	86.62698	Rf	01/01/2001
37.	Phusro	Jharkhand	Bokaro	HO	Damodar	23.7626	86.012	Rf	16/02/2015
38.	Pupunki	Jharkhand	Bokaro	HO	Damodar	23.7112	86.199	Rf	15/06/2004
39.	Purihansha	West Bengal	Purulia	HO	Kumari	23.07396	86.36278	Rf	01/01/2001
40.	Ramgarh	Jharkhand	Ramgarh	HO	Damodar	23.6444	85.5118	Rf	01/06/1979
41.	Sankoghat (seasonal)	West Bengal	Murshidabad	HO	Dwarka	24.156926	88.017644	Rf	01/06/2020
42.	Sikatia Barrage	Jharkhand	Deoghar	HO/FF	Ajay	24.14711	86.80404	Rf	11/05/1978
43.	Simulia	West Bengal	Purulia	HO	Kangsabati	23.28774	86.36021	Rf	01/01/2001
44.	Sundarpur	West Bengal	Murshidabad	HO	Mayurakshi	23.873882	87.941274	Rf	06/06/2019
45.	Tantloi	Jharkhand	Dumka	HO	Siddheswari	24.043028	87.27386111	Rf	12/06/1979
46.	Tenughat Dam	Jharkhand	Bokaro	HO/FF	Damodar	23.7171	85.841	Rf	01/06/1979



Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
47.	Tilaiya Dam	Jharkhand	Koderma	HO/FF	Barakar	24.324363	85.521021	Rf	06/04/1979
48.	Tilpara Mihirlal Barrage	West Bengal	Birbhum	HO/FF	Mayurakshi	23.946389	87.525	Rf	12/08/1980
49.	Tusuma	West Bengal	Purulia	HO	Kangsabati	23.10439	86.66171	Rf	01/01/2001

Details of the Exclusive Meteorological Observation Stations	
Region	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata
Circle	Hydrological Observation Circle, Maithon
Division	Damodar Division, Asansol
TOTAL NUMBER OF SITES-06	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Asansol	West Bengal	Paschim Bardhaman	HO	-	23.7052854	86.96074001	Rf	01/08/1977
2.	Putki	Jharkhand	Dhanbad	HO	-	23.7564.29	86.352093	Rf	15/06/1986
3.	Midnapore	West Bengal	Midnapore	HO	-	22.4243	87.3119	Rf	04/01/1990
4.	Bankura	West Bengal	Bankura	HO	-	23.2306	87.0502	Rf	17/09/1991
5.	Suri	West Bengal	Birbhum	HO	-	23.9106	87.5261	Rf	12/08/1980
6.	Khusiary (seasonal site)	Jharkhand	Dumka	HO	-	24.541804	87.108572	Rf	01/08/1977

Details of the Meteorological Observations on HO/FF Stations	
Region	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata
Circle	Investigation Circle, Gangtok
Division	Lower Brahmaputra Division, Jalpaiguri
TOTAL NUMBER OF SITES-32	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ambari	West Bengal	Coochbehar	HO	Brahmaputra/Torsa/ Kaljani	26.4164	89.5417	Mt	20/07/2019
2.	Baladoba	Assam	Dhubri	HO	Brahmaputra/Sankosh	26.0189	89.8294	Mt	10/11/2018
3.	Barobisha	West Bengal	Alipurduar	HO	Brahmaputra / Sankosh / Raidak/II	26.4744	89.7853	Rf Mt	01/01/1995 01/01/1995
4.	Chel	West Bengal	Jalpaiguri	HO	Brahmaputra/ Teesta/ Dharla/Chel	26.8636	88.635	Mt	01/01/1988
5.	Chepan	West Bengal	Alipurduar	HO	Brahmaputra/ Torsa/Raidak/I	26.4922	89.7006	Rf Mt	01/01/1995 01/01/1995
6.	Coronation	West Bengal	Darjeeling	HO	Brahmaputra/ Teesta	26.905	88.47306	Mt	10/11/2018
7.	Diana	West Bengal	Jalpaiguri	HO	Brahmaputra/ Jaldhaka/Diana	26.8614	89.0011	Rf Mt	01/01/1973 01/01/1973
8.	Domohani	West Bengal	Jalpaiguri	HO/FF	Brahmaputra/ Teesta	26.5628	88.7583	Rf Mt	01/01/1976 01/01/1976
9.	Gazoldoba	West Bengal	Jalpaiguri	HO	Brahmaputra/ Teesta	26.7525	88.5872	Rf Mt	01/01/1998 01/01/1998
10.	Ghish	West Bengal	Jalpaiguri	HO	Brahmaputra/Teesta/ Ghish	26.8747	88.6094	Mt	29/05/2022

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Ghugumari	West Bengal	Cooch Behar	HO/FF	Brahmaputra/ Torsa	26.2878	89.4608	Rf Mt	05/04/2021 05/04/2021
12.	Golokganj	Assam	Dhubri	HO/FF	Brahmaputra/Sankosh	26.1072	89.8225	Rf Mt	01/01/2012 01/01/2012
13.	Hasimara	West Bengal	Alipurduar	HO/FF	Brahmaputra/ Torsa	26.7292	89.3236	Rf Mt	01/01/1976 01/01/1976
14.	Jaldhaka NH/31	West Bengal	Jalpaiguri	HO/FF	Brahmaputra/Jaldhaka	26.5697	88.9383	Rf Mt	01/01/1977 01/01/1977
15.	Khanitar	Sikkim	East Sikkim	HO	Brahmaputra/ Teesta	27.1778	88.5133	Rf Mt	01/01/1976 01/01/1976
16.	Majhitar	Sikkim	South Sikkim	HO	Brahmaputra/Teesta/ Rangit	27.1078	88.3217	Mt	10/11/2018
17.	Mathabhanga	West Bengal	Cooch Behar	HO/FF	Brahmaputra/Jaldhaka	26.3253	89.2356	Rf Mt	01/01/1973 01/01/1973
18.	Mekhliganj Right Bank	West Bengal	Cooch Behar	HO/FF	Brahmaputra/Teesta	26.3325	88.8636	Mt	10/11/2018
19.	Murti	West Bengal	Jalpaiguri	HO	Brahmaputra/Jaldhaka/ Murti	26.8406	88.8283	Rf Mt	01/01/1978 01/01/1978
20.	Nagrakata	West Bengal	Jalpaiguri	HO	Brahmaputra/Jaldhaka	26.8728	88.8953	Rf Mt	01/01/1976 01/01/1976
21.	Neora	West Bengal	Jalpaiguri	HO	Brahmaputra/Teesta/ Dharla/Naora	26.8786	88.7717	Rf Mt	01/01/1975 01/01/1975
22.	Rangpo	Sikkim	East Sikkim	HO	Brahmaputra/ Teesta/Rangpochu	27.1722	88.5297	Mt	20/12/2018

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Sankosh LRP	West Bengal	Alipurduar	HO	Brahmaputra/Sankosh	26.4578	89.8581	Mt	01/01/1976
24.	Sevoke	West Bengal	Darjeeling	HO	Brahmaputra/Teesta	26.8817	88.4769	Rf Mt	01/01/1975 01/01/1975
25.	Shaladang	West Bengal	Cooch Behar	HO	Brahmaputra/Torsa/ Kaljani	26.30111	89.58667	Mt	08/09/2019
26.	Suldagiri (Deocharai)	West Bengal	Cooch Behar	HO	Brahmaputra/Torsa	26.25361	89.61583	Mt	10/11/2018
27.	Tufanganj	West Bengal	Cooch Behar	HO/FF	Brahmaputra/Torsa/ Raidak-I	26.3089	89.6756	Mt	24/06/2014
28.	Singimari	West Bengal	Cooch Behar	HO	Brahmaputra/Jaldhaka	26.11278	89.35	Rf Mt	18/01/2023 15/05/2023
29.	LBD, Jalpaiguri	West Bengal	Jalpaiguri	MET	Brhamaputra/Teesta	26.5277	88.7325	Rf	18/01/2023
Basin: Ganga									
30.	Champasari	West Bengal	Darjeeling	HO	Ganga/Mahananda	26.7392	88.4228	Rf Mt	01/01/1988 01/01/1988
31.	Matigara	West Bengal	Darjeeling	HO	Ganga/Mahananda/ Balason	26.7203	88.3769	Rf Mt	18/01/2023 27/12/2019
32.	Sonapur	West Bengal	North Dinajpur	HO	Ganga/Mahananda	26.45417	88.24444	Rf Mt	25/01/2023 27/12/2019

Details of the Meteorological Observations on HO/FF Stations	
Region	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata
Circle	Hydrological Observation Circle, Maithon
Division	Lower Ganga Division-III, Berhampore
TOTAL NUMBER OF SITES-27	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bahirgachi	West Bengal	Malda	HO	Padma/ Mahananda	25.18472	88.08277	Rf Mt	21/07/2019 21/07/2019
2.	Bajitpur	West Bengal	North 24 Parganas	HO	Padma/ Mathabhanga/Ichamati	23.20806	88.73194	Rf Mt	22/06/2020 01/07/2020
3.	Bangaon	West Bengal	North 24 Parganas	HO	Padma/ Mathabhanga/Ichamati	23.0344	88.83111	Rf Mt	20/06/2020 20/06/2020
4.	Banpur	West Bengal	Nadia	HO	Bhagirathi/Mathabhanga	23.45361	88.75194	RF Mt	01/07/2020 24/04/2019
5.	Bariol	West Bengal	N. Dinajpur	HO	Padma/ Mahananda	25.8958	88.0981	Mt	19/12/2018
6.	Bazarsau [Seasonal]	West Bengal	Murshidabad	HO	Bhagirathi/Babla	23.8572	88.16583	Mt	12/07/1958
7.	Bedepara	West Bengal	Murshidabad	HO	Padma	24.13917	88.69694	RF Mt	01/05/2024 02/06/2024
8.	Berhait	Jharkhand	Sahibganj	HO	Ganga/Gumani	24.88861	87.59472	Mt	01/01/1961
9.	Berhampore	West Bengal	Murshidabad	HO	Ganga/Bhagirathi-II (WB)*	24.08917	88.2425	RF Mt	01/06/2021 19/02/1968
10.	Bhaluka	West Bengal	Malda	HO	Ganga/ Fulhar	25.31555	87.82777	Rf Mt	01/01/2020

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Biswanathpur	West Bengal	Murshidabad	HO	Padma	24.4575	88.1375	RF Mt	01/05/2024 01/02/2024
12.	C.S/97 A, Farakka	West Bengal	Murshidabad	HO	Ganga	23.75138	87.92638	Mt	16/09/1961
13.	Chapra	West Bengal	Nadia	HO	Bhagirathi/Jalangi	23.50417	88.55139	RF Mt	14/06/2020 27/04/1968
14.	Chichura	West Bengal	Hooghly	HO	Hooghly	22.888	88.40417	Mt	01/12/2020
15.	Englishbazar	West Bengal	Malda	HO	Padma/Mahananda	24.995317	88.14861	Rf Mt	01/01/2018 01/01/2018
16.	Farakka(HR)	West Bengal	Murshidabad	HO	Bhagirathi/Feeder Canal	24.79916	87.91638	Rf Mt	01/04/1975 13/09/2019
17.	Hanskhali	West Bengal	Nadia	HO	Bhagirathi/Churni	23.35778	88.60681	RF Mt	09/06/2020 15/07/1969
18.	Islampur [Seasonal]	West Bengal	Murshidabad	HO	Bhagirathi/Jalangi/ Bhairab	24.15139	88.46278	Mt	13/10/1970
19.	Jiaganj	West Bengal	Murshidabad	HO	Ganga/Bhagirathi-II (WB)*	24.23472	88.26361	RF Mt	01/07/2020 01/05/2024
20.	Kalna (EBB)*	West Bengal	Purba Bardhaman	HO	Ganga/Bhagirathi-II (WB)*	23.22027	88.3725	Rf Mt	12/06/2020 01/06/2021
21.	Katwa	West Bengal	Purba Bardhaman	HO	Ganga/Bhagirathi-II (WB)*	23.64361	88.14778	RF Mt	01/01/2021 03/06/1991
22.	Kuthibari	West Bengal	North 24 Parganas	HO	Padma/ Mathabhanga/Ichamati	23.2322	88.70863	Rf Mt	01/01/2021 22/05/2019

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Labha	Bihar	Katihar	HO	Ganga/ Fulhar	25.430603	87.76833	Rf Mt	01/01/2018 01/01/2018
24.	Palasipara (seasonal)	West Bengal	Nadia	HO	Bhagirathi/Jalangi	23.79417	88.41806	Mt	14/10/1960
25.	Rajmahal (Seasonal)	Jharkhand	Sahibganj	HO	Ganga	25.05553	87.833638	Mt	18/03/2019
26.	Saralpur	West Bengal	Birbhum	HO	Ganga/Bhagirathi/ Mayurakshi/Dwarka	24.116228	87.79779	RF Mt	23/07/2022 04/07/2019
27.	Tarinipur	West Bengal	North 24 Parganas	HO	Padma/ Mathabhanga/Ichamati	22.89108	88.87891	Rf Mt	01/07/2020 01/07/2020

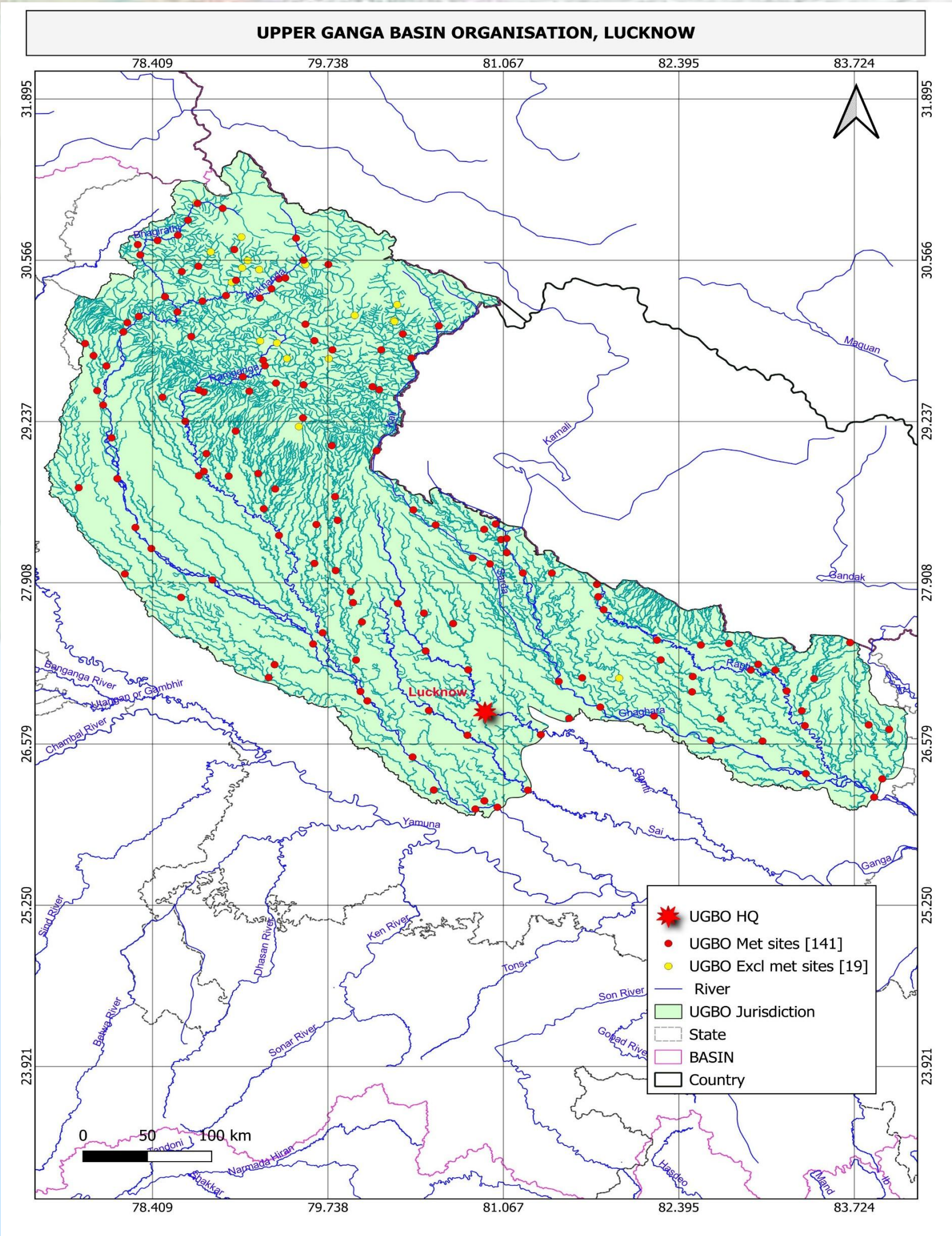
Details of the Meteorological Observations on HO/FF Stations	
Region	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata
Circle	Investigation Circle, Gangtok
Division	Sikkim Investigation Division, Gangtok
TOTAL NUMBER OF SITES-06	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bakcha	Sikkim	Gangtok	HO	Teesta/Dikchu/ Bakcha Chu	27.4176	88.6302	Rf	01/05/2021
2.	Lachen	Sikkim	Mangan	HO	Lachen Chu	27.7319	88.5543	Rf	07/01/2020
3.	Laven	Sikkim	Mangan	HO	Teesta/Talang Chu	27.5509	88.4611	Rf	13/05/2020
4.	Rangma Range	Sikkim	Mangan	HO	Lachen Chu	27.6135	88.6289	Rf	01/05/2021
5.	Sankalang	Sikkim	Mangan	HO	Teesta	27.5173	88.5322	Rf	01/01/2002
6.	Singtam	Sikkim	Pakyong	HO/FF	Teesta/Rani Khola	27.2317	88.4992	Rf	06/01/2021

Details of the Exclusive Meteorological Observations on HO/FF Stations	
Region	Teesta & Bhagirathi Damodar Basin Organisation, Kolkata
Circle	Investigation Circle, Gangtok
Division	Sikkim Investigation Division, Gangtok
TOTAL NUMBER OF SITES-03	
Basin: Brahmaputra	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Rimbi	Sikkim	Geyzing	HO	Teesta/Rangit/ Rathang Chu/Rimbi Khola	27.3150	88.1875	Rf	01/01/2005
2.	Reshi	Sikkim	Namchi	HO	Teesta/Rangit	27.2253	88.3044	Rf	20/08/2004
3.	Mangan	Sikkim	Mangan	HO/FF/ HOIW	Teesta	27.499167	88.538333	Rf	01/05/2023

UPPER GANGA BASIN ORGANISATION





CHAMIYALA (G) SITE ON RIVER BHILANGANGA



MGD-1 OFFICE



HARSHIL (GDS) ON RIVER BHAGIRATHI

Details of the Meteorological Observations on HO/FF Stations	
Region	Upper Ganga Basin Organisation, Lucknow
Circle	Hydrological Observation Circle, Dehradun
Division	Himalayan Ganga Division, Haridwar
TOTAL NUMBER OF SITES-32	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Badrinath	Uttarakhand	Chamoli	HO	Ganga/Alaknanda	30.74833	79.4958	Rf Mt	01/09/1976 06/11/1976
2.	Brahmakhaal	Uttarakhand	Uttarkashi	HO	Ganga/Bhagirathi/Dusk	30.695	78.2972	Rf Mt	01/01/2019 01/01/2019
3.	Ch. Charan Singh Madhya Ganga Barrage, Bijnor	Uttar Pradesh	Bijnor	HO/FF	Ganga	29.373	78.03473	Rf Mt	16/06/2008 29/06/2021
4.	Chamiyala	Uttarakhand	Tehri Garhwal	HO	Ganga/Bhagirathi/ Balganga	30.47306	78.6305	Rf Mt	01/01/2019 01/01/2019
5.	Chhinka	Uttarakhand	Chamoli	HO	Ganga/Alaknanda	30.41361	79.3663	Rf Mt	20/05/2019 01/03/2019
6.	Devprayag (G)	Uttarakhand	Pauri Garhwal	HO	Ganga	30.14056	78.596944	Rf Mt	03/06/1972 09/03/1972
7.	Dharasu	Uttarakhand	Uttarkashi	HO	Ganga/Bhagirathi	30.61083	78.3166	Rf Mt	01/01/2019 20/12/2018
8.	Dhopaddhaar	Uttarakhand	Tehri Garhwal	HO	Ganga/Bhagirathi/ Bhilangna	30.51694	78.7561	Rf Mt	01/02/2019 01/01/2019
9.	Dosni	Uttarakhand	Haridwar	HO	Ganga/Banganga/Solani	29.78	77.9619	Rf Mt	03/02/2019 01/09/2019
10.	Ganganagar	Uttarakhand	Rudraprayag	HO/FF	Ganga/Alaknanda/ Mandakini	30.401	79.0415	Rf Mt	01/06/2014 01/06/2014

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Gangnani	Uttarakhand	Uttarkashi	HO	Ganga/Bhagirathi	30.89667	78.6775	Rf Mt	01/11/2018 21/12/2018
12.	Gangotri	Uttarakhand	Uttarkashi	HO	Ganga/Bhagirathi	30.99389	78.9403	Rf Mt	20/05/2019 01/06/2020
13.	Gaurikund	Uttarakhand	Rudraprayag	HO	Ganga/Alaknanda/ Mandakini	30.65444	79.0281	Rf	20/05/2019
14.	Haridwar	Uttarakhand	Haridwar	HO/FF	Ganga	29.97578	78.1880	Rf Mt	01/02/1985 05/09/2017
15.	Harshil	Uttarakhand	Uttarkashi	HO	Ganga/Bhagirathi	31.035	78.7503	Rf Mt	01/04/2019 01/12/2019
16.	Joshimath	Uttarakhand	Chamoli	HO	Ganga/Alaknanda	30.56694	79.5533	Rf Mt	01/05/1971 01/05/1971
17.	Karnaprayag (P)	Uttarakhand	Chamoli	HO	Ganga/Alaknanda/Pinder	30.255	79.22111	Rf Mt	01/07/1978 13/07/1978
18.	Koteshwar	Uttarakhand	Tehri Garhwal	HO	Ganga/Bhagirathi	30.26578	78.503149	Rf Mt	03/07/2011 03/07/2011
19.	Maneri	Uttarakhand	Uttarkashi	HO	Ganga/Bhagirathi	30.77278	78.601111	Rf Mt	01/01/2019 21/12/2018
20.	Marora	Uttarakhand	Pauri Garhwal	HO	Ganga/Nayar	29.93732	78.702442	Rf Mt	01/11/1972 12/09/1972
21.	Nandkeshri	Uttarakhand	Chamoli	HO	Ganga/Alaknanda/Pinder	30.03917	79.566633	Rf Mt	01/06/1994 01/01/2015
22.	Nandprayag	Uttarakhand	Chamoli	HO	Ganga/Alaknanda	30.33111	79.30944	Rf Mt	20/05/2019 01/11/2020

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Pipalkoti	Uttarakhand	Chamoli	HO	Ganga/Alaknanda	30.42056	79.4144	Rf Mt	20/05/2019 01/07/2020
24.	Raysi	Uttarakhand	Haridwar	HO	Ganga/Banganga	29.69504	78.05944	Rf Mt	06/06/2019 01/12/2019
25.	Rishikesh	Uttarakhand	Dehradun	HO/FF	Ganga	30.10321	78.304	Rf Mt	01/01/1971 01/01/1971
26.	Roorkee	Uttarakhand	Haridwar	HO	Ganga/Banganga/Solani	29.88	77.8978	Rf Mt	01/02/2019 01/03/2019
27.	Rudraprayag (C)	Uttarakhand	Rudraprayag	HO	Ganga/Alaknanda	30.27528	78.965	Rf Mt	01/09/1972 01/10/1972
28.	Satyanarayan	Uttarakhand	Dehradun	HO	Ganga/Song	30.052	78.218	Rf Mt	01/08/2019 15/05/2019
29.	Srinagar	Uttarakhand	Pauri Garhwal	HO/FF	Ganga/Alaknanda	30.229	78.787	Rf Mt	01/11/1989 01/06/2014
30.	Shukratal	Uttar Pradesh	Muzaffarnagar	HO	Ganga/Banganga	29.49128	77.9901	Rf Mt	03/09/2019 01/05/2020
31.	Surraithota	Uttarakhand	Chamoli	HO	Ganga/Alaknanda/ Dhauliganga	30.53139	79.74083	Rf Mt	01/08/2019 20/12/2020
32.	Uttarkashi	Uttarakhand	Uttarkashi	HO	Ganga/Bhagirathi	30.72917	78.4469	Rf Mt	27/12/1971 27/12/1971

Details of the Exclusive Meteorological Observation Stations	
Region	Upper Ganga Basin Organisation, Lucknow
Circle	Hydrological Observation Circle, Dehradun
Division	Himalayan Ganga Division, Haridwar
TOTAL NUMBER OF SITES-10	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude (°N)	Longitude (°E)	Met Para	Date of Start
1.	Gangi	Uttarakhand	Tehri Garhwal	-	Ganga/Bhagirathi	30.635	78.850	Ar Mt Sf Ss Pe Wv Swe Hu Sd	16/12/2021
2.	Gaumukh	Uttarakhand	Uttarkashi	-	-	30.758	79.082	Ar Mt Sf Ss Pe Wv Swe Hu Sd	16/12/2021
3.	Gaundhar	Uttarakhand	Rudraprayag	-	-	30.564	79.130	Ar	01/11/2021
4.	Khati	Uttarakhand	Bageshwar	-	-	30.112	79.940	Ar Mt Sf Ss Pe Wv Swe Hu Sd	16/12/2021
5.	Harshil (E/Type)	Uttarakhand	Uttarkashi	-	-	31.040	78.741	Mt Hu Sf SS Pe Wv Sd	01/04/2014

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude (°N)	Longitude (°E)	Met Para	Date of Start
6.	Tunganath	Uttarakhand	Rudraprayag	-	-	30.489	79.217	Ar Mt Sf Ss Pe Wv Swe Hu Sd	16/12/2021
7.	Auli (E/Type)	Uttarakhand	Chamoli	-	-	30.531	79.567	Mt Hu Sf SS Pe Wv Sd	01/04/2014
8.	Mana	Uttarakhand	Chamoli	-	-	30.40055	79.04194	Ar Mt Sf Ss Pe Wv Swe Hu Sd	16/12/2021
9.	Ukhimath	Uttarakhand	Rudraprayag	-	Ganga/Alaknanda/Man dakini	30.5036	79.0877	Ar	26/07/2022
10.	Silli	Uttarakhand	Rudraprayag	-	Ganga/Alaknanda/Man dakini	30.3838	79.0091	Ar	01/11/2021

Details of the Meteorological Observations on HO/FF Stations	
Region	Upper Ganga Basin Organisation, Lucknow
Circle	Monitoring & Appraisal Directorate, Lucknow
Division	Middle Ganga Division-I, Lucknow
TOTAL NUMBER OF SITES-49	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ayodhya	Uttar Pradesh	Ayodhya	HO/FF	Ganga/Ghaghra	26.811117	82.207467	Rf Mt Pe	15/06/1972 07/07/1970 01/11/2024
2.	B.K. Ghat	Uttar Pradesh	Bahraich	HO/FF	Ganga/Ghaghra	28.272661	81.090961	Rf Mt	01/08/1973 06/04/1963
3.	Bageshwar	Uttarakhand	Bageshwar	HO	Ganga/Ghaghra/Sharda/ Saryu	29.828028	79.771456	Rf Mt	01/04/2019 01/11/2018
4.	Balrampur	Uttar Pradesh	Balrampur	HO/FF	Ganga/Ghaghra/Rapti	27.4354	82.2295	Rf Mt Pe	01/06/1976 30/07/1970 01/06/2024
5.	Banbasa	Uttarakhand	Champawat	HO/FF	Ganga/Ghaghra/Sharda	28.995867	80.105517	Rf Mt	15/06/1973 01/04/2014
6.	Bangapani	Uttarakhand	Pithoragarh	HO	Ganga/Ghaghra/Sharda/ Gauriganga	29.959492	80.304394	Rf Mt	01/04/2019 01/11/2018
7.	Bansi	Uttar Pradesh	Siddharthnagar	HO/FF	Ganga/Ghaghra/Rapti	27.189194	82.940111	Rf Mt Pe	20/07/1973 16/06/1971 01/09/2023
8.	Basti	Uttar Pradesh	Basti	HO	Ganga/Ghaghra/Kwano	26.784417	82.712583	Rf Mt	10/07/1987 24/04/1959

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
9.	Bhingra	Uttar Pradesh	Shravasti	HO	Ganga/Ghaghra/Rapti	27.686367	81.825567	Rf Mt	10/07/1987 16/06/1974
10.	Birdghat	Uttar Pradesh	Gorakhpur	HO/FF	Ganga/Ghaghra/ Rapti	26.729842	83.349894	Rf Mt	15/07/1974 26/04/1959
11.	Chandradeepghat	Uttar Pradesh	Gonda	HO	Ganga/Ghaghra/Kwano	27.135668	82.5008	Rf Mt	09/08/1990 01/09/2015
12.	Chaugurji Ghat	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra/Mohana	28.39315	81.007467	Rf Mt	01/04/2019 01/11/2018
13.	Chauhan Patti	Uttar Pradesh	Kushinagar	HO	Ganga/Ghaghra/Chhoti Gandak/Ghaghi	26.699528	83.987833	Rf Mt	01/01/2019 01/09/2018
14.	Colonelganj	Uttar Pradesh	Gonda	HO	Ganga/Ghaghra/Sarju	27.124933	81.663283	Rf Mt	01/12/1970 01/04/1971
15.	Dhobahat	Uttar Pradesh	Ambedkar Nagar	HO	Ganga/Ghagra	26.607683	82.636833	Rf Mt	01/02/2019 01/10/2018
16.	Gumadi Ghat	Uttar Pradesh	Balrampur	HO	Ganga/Ghaghra/Kwano	27.273083	82.258317	Rf Mt	01/02/2019 01/10/2018
17.	Elginbridge	Uttar Pradesh	Barabanki	HO/FF	Ganga/Ghaghra	27.0952	81.486067	Rf Mt Pe	30/07/1973 01/05/1959 01/06/2024
18.	Gagrigol	Uttarakhand	Bageshwar	HO	Ganga/Ghaghra/Sharda/ Saryu/Gomati	29.903536	79.634775	Rf Mt	01/04/2019 01/10/2018

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
19.	Gaighat	Uttar Pradesh	Bahraich	HO	Ganga/Ghaghra/Sarju (Babai)	27.98795	81.433317	Rf Mt	01/05/1964 11/04/1963
20.	Gharighat	Uttar Pradesh	Gonda	HO	Ganga/Ghaghra/Kwano/ Bisuhi	27.00865	82.49555	Rf Mt	01/02/2019 08/10/2018
21.	Ghat	Uttarakhand	Pithoragarh	HO	Ganga/Ghaghra/Sharda/ Saryu	29.49865	80.125817	Rf Mt	01/09/1986 17/11/1976
22.	Gola Bazaar	Uttar Pradesh	Gorakhpur	HO	Ganga/Ghaghra	26.335489	83.357472	Rf Mt	01/02/2018 01/01/2019
23.	Hetimpur	Uttar Pradesh	Deoria	HO	Ganga/Ghaghra/Chhoti Gandak	26.736833	83.833028	Rf Mt	01/06/1976 01/06/1976
24.	Jauljibi	Uttarakhand	Pithoragarh	HO	Ganga/Ghaghra/Sharda/ Gauriganga	29.760442	80.369411	Rf Mt	15/11/1976 16/06/1976
25.	Kabirganj	Uttar Pradesh	Pilibhit	HO	Ganga/Ghaghra/Sarda	28.508514	80.38435	Rf Mt	01/04/2019 01/10/2018
26.	Kakardhari	Uttar Pradesh	Shravasti	HO/FF	Ganga/Ghaghra/Rapti	27.895283	81.774533	Rf Mt Pe	01/07/1973 22/09/2015 01/11/2024
27.	Kakrahi	Uttar Pradesh	Siddharthnagar	HO	Ganga/Ghaghra/Rapti/ Burhi Rapti	27.236608	82.996197	Rf Mt Pe	01/07/1973 15/06/1971 06/10/2023
28.	Kanjyoti	Uttarakhand	Pithoragarh	HO	Ganga/Ghaghra/Sharda/ Dhauliganga	30.026225	80.577894	Rf Mt	08/04/2017 23/11/1976

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
29.	Kukea	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra/Sharda	28.1126	80.833544	Rf Mt	01/06/2019 01/06/2019
30.	Madhwapur	Uttar Pradesh	Shravasti	HO	Ganga/Ghaghra/Rapti	27.792983	81.785	Rf Mt	01/02/2019 16/11/2018
31.	Maniram	Uttar Pradesh	Gorakhpur	HO	Ganga/Ghaghra/Rapti/ Rohin	26.852833	83.326167	Rf Mt	07/01/1973 01/03/1972
32.	Motipur	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra/Suheli	28.34825	80.920797	Rf Mt	10/09/2002 01/01/1977
33.	Muhchurwa Ghat	Uttar Pradesh	Siddharthnagar	HO	Ganga/Ghaghra/Rapti/ Burhi Rapti	27.407933	82.775267	Rf Mt	01/02/2019 01/10/2018
34.	Mukhlisipur	Uttar Pradesh	Sant Kabir Nagar	HO	Ganga/ Ghaghra/Kwano	26.603194	83.028889	Rf Mt	01/12/1970 01/12/1970
35.	New Motipur	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra/Suheli	28.264267	81.048317	Rf Mt	01/03/2019 01/11/2018
36.	Paliakalan	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra/Sharda	28.384867	80.553431	Rf Mt Pe	15/06/1973 24/04/1959 23/09/2022
37.	Pancheshwar	Uttarakhand	Champawat	HO	Ganga/Ghaghra/Sharda	29.438061	80.245889	Rf Mt	01/07/1978 01/08/2011
38.	Parsa	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra	27.989117	81.214183	Rf Mt	01/02/2019 01/11/2018
39.	Parsohan Ghat	Uttar Pradesh	Siddharthnagar	HO	Ganga/Ghaghra/Ratpi/ Burhi Rapti	27.395361	82.562472	Rf Mt	01/02/2019 01/10/2018

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
40.	Ramnagar Bagha	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra	28.15667	81.0925	Rf Mt	01/04/2019 01/11/2018
41.	Regauli	Uttar Pradesh	Gorakhpur	HO	Ganga/Ghaghra/Rapti	27.016161	83.212322	Rf Mt Pe	06/07/1979 01/01/1976 01/10/2023
42.	Salempur	Uttar Pradesh	Deoria	HO	Ganga/Ghaghra/Chhoti Gandak	26.292056	83.936361	Rf Mt	15/06/2006 22/04/1959
43.	Shardanagar	Uttar Pradesh	Lakhimpur Kheri	HO	Ganga/Ghaghra/Sharda	28.063322	80.964889	Rf Mt	01/08/1973 01/02/2019
44.	Sonauli Mohammadpur	Uttar Pradesh	Gonda	HO	Ganga/Ghaghra	26.883483	81.800033	Rf Mt	01/02/2019 15/11/2018
45.	Thal	Uttarakhand	Pithoragarh	HO	Ganga/Ghaghra/Sharda /Saryu/Ram Ganga(E)	29.8275	80.141164	Rf Mt	01/04/2019 01/10/2018
46.	Thoothibari	Uttar Pradesh	Maharajganj	HO	Ganga/Ghaghra/Rapti/ Rohin/Chandan	27.415406	83.692839	Rf Mt	01/01/2019 22/12/2018
47.	Trimohinighat	Uttar Pradesh	Maharajganj	HO	Ganga/Ghaghra/Rapti/ Rohin	27.117747	83.420119	Rf Mt	01/11/1982 11/06/1976
48.	Turtipar	Uttar Pradesh	Ballia	HO/FF	Ganga/Ghaghra	26.141056	83.874861	Rf Mt Pe	16/06/1971 22/11/1962 01/09/2023
49.	Uskabazar	Uttar Pradesh	Siddharthnagar	HO	Ganga/Ghaghra/Rapti /Burhi Rapti/Kunhara	27.188972	83.125694	Rf Mt	15/06/1974 01/06/2016

Details of the Exclusive Meteorological Observations on HO/FF Stations	
Region	Upper Ganga Basin Organisation, Lucknow
Circle	Hydrological Observation Circle, Dehradun
Division	Middle Ganga Division-I, Lucknow
TOTAL NUMBER OF SITES- 05	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Haldwani	Uttarakhand	Nainital	-	-	29.1955	79.5175	Rf	15/08/2021
2.	Gonda Sub/Division	Uttar Pradesh	Gonda	-	-	27.1222	81.9436	Rf	15/08/2021
3.	Munsyari	Uttarakhand	Pithoragarh	-	-	30.070556	80.236111	Ar	15/05/2019
4.	Lingurani SGMS	Uttarakhand	Pithoragarh	-	-	30.199722	80.261944	Ar Mt Sf Ss Pe Wv Swe Hu Sd	02/12/2021
5.	Munsyari SGMS	Uttarakhand	Pithoragarh	-	-	30.061667	80.241111	Ar Mt Sf Ss Pe Wv Swe Hu Sd	02/12/2021

Details of the Meteorological Observations on HO/FF Stations	
Region	Upper Ganga Basin Organisation, Lucknow
Circle	Hydrological Observation Circle, Dehradun
Division	Middle Ganga Division-II, Lucknow
TOTAL NUMBER OF SITES- 60	
Basin: Ganga	

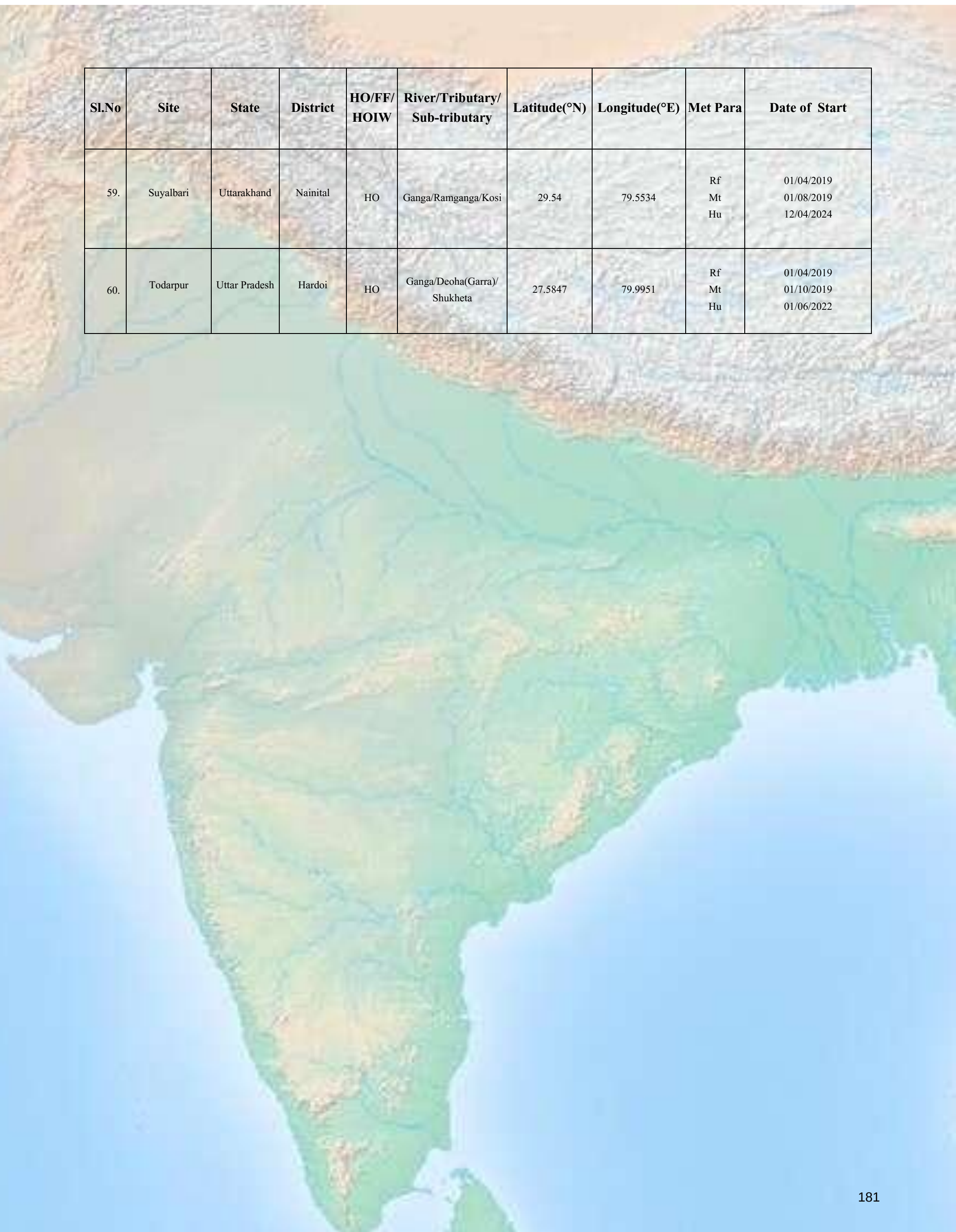
Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Ankinghat	Uttar Pradesh	Kanpur Nagar	HO/FF	Ganga	26.9347	80.0361	Rf Mt Hu Pe	01/01/1993 01/01/1994 01/01/2022 01/03/2022
2.	Anupshahar	Uttar Pradesh	Bulandshahar	HO	Ganga	28.364	78.279	Rf Mt Hu	01/04/2019 01/08/2019 01/03/2024
3.	Atrauli	Uttar Pradesh	Aligarh	HO	Ganga/Kali	27.981	78.199	Rf Mt Hu	25/09/2020 25/09/2020 07/11/2022
4.	Bani	Uttar Pradesh	Lucknow	HO	Ganga/Gomti/Sai	26.651687	80.79419	Rf Mt Hu	01/01/1993 01/01/1993 01/06/2022
5.	Bareilly	Uttar Pradesh	Bareilly	HO/FF	Ganga/Ramganga	28.2992	79.3667	Rf Mt Hu Pe	01/06/1995 01/06/1996 01/06/2022 01/06/2022
6.	Basantpur	Uttar Pradesh	Bijnaur	HO	Ganga	29.10297	78.09868	Rf Mt Pe	26/09/2020 26/09/2020 01/03/2024
7.	Batpurwaghat	Uttar Pradesh	Sitapur	HO	Ganga/Gomti	27.191002	80.79964	Rf Mt Hu Pe	06/01/2004 06/01/2004 01/06/2022 01/09/2022
8.	Betalghat	Uttarakhand	Nainital	HO	Ganga/Ramganga/Kosi	29.554	79.344	Rf Mt Hu	11/11/2020 11/11/2020 15/03/2024
9.	Bewar	Uttar Pradesh	Mainpuri	HO	Ganga/Kali	27.2333	79.3333	Rf Mt Hu	06/01/2006 06/01/2006 01/02/2022
10.	Bhatpura	Uttar Pradesh	Rampur	HO	Ganga/Ramganga/ Kichha(Gaula) /Bhakhra/Buar	28.8089	79.2092	Rf Mt Hu	12/01/2020 12/01/2020 01/03/2024

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
11.	Bhikiasen	Uttarakhand	Almora	HO	Ganga/Ramganga	29.6972	79.2608	Rf Mt Hu	20/04/2014 06/06/2004 15/03/2024
12.	Bhitora	Uttar Pradesh	Fatehpur	HO	Ganga	26.0431	80.8542	Rf Mt Hu Pe	10/01/2000 10/01/2000 04/01/2022 01/06/2023
13.	Bhojpur	Uttar Pradesh	Moradabad	HO	Ganga/Ramganga/Dehla	28.9722	78.8168	Rf Mt Hu	15/09/2020 15/09/2020 01/03/2024
14.	Bilhour	Uttar Pradesh	Kanpur Nagar	HO	Ganga/Ishan	26.8553	80.5017	Rf Mt Hu	16/09/2020 16/09/2020 01/01/2022
15.	Chupkoli	Uttar Pradesh	Hapur	HO	Ganga/Kali	28.6917	77.85	Rf Mt Hu	23/02/2020 23/02/2020 01/03/2024
16.	Dabri	Uttar Pradesh	Shahjahanpur	HO/FF	Ganga/Ramganga	27.4958	79.6972	Rf Mt Hu	07/01/2003 06/01/1996 01/06/2022
17.	Dalmau	Uttar Pradesh	Raebareli	HO/FF	Ganga	26.0583	81.0208	Rf Mt Hu	06/01/2005 19/09/2021 01/03/2022
18.	Dhaneta	Uttar Pradesh	Bareilly	HO	Ganga/Ramganga/ Kichha(Gaula)	28.4231	79.8108	Rf Mt Hu	06/03/2019 06/03/2019 01/06/2022
19.	Dulha Dhakia	Uttar Pradesh	Shahjahanpur	HO	Ganga/Deoha(Garra)	28.009027	79.7963	Rf Mt Hu	01/08/2019 01/08/2019 01/08/2022
20.	Fatehganj (E)	Uttar Pradesh	Shahjahanpur	HO	Ganga/Ramganga/ Begul(Apsara)	28.068	79.635	Rf Mt Hu	21/09/2020 21/09/2020 01/06/2022
21.	Fatehgarh	Uttar Pradesh	Farrukhabad	HO/FF	Ganga	27.4042	79.625	Rf Mt Hu Pe	06/01/2004 06/01/2004 01/06/2022 01/06/2022
22.	Fica Barrage D/S	Uttarakhand	Udham Singh Nagar	HO	Ganga/Ramganga/Fica	29.48	78.7967	Rf Mt Hu	15/09/2020 15/09/2020 01/03/2024

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
23.	Garhmukteshwar	Uttar Pradesh	Hapur	HO/FF	Ganga	28.7667	78.1417	Rf Mt Hu	01/01/1994 07/01/2015 01/03/2024
24.	Garjia	Uttarakhand	Nainital	HO	Ganga/Ramganga/Kosi	29.4869	79.1422	Rf Mt Hu	04/01/2020 04/01/2020 01/03/2024
25.	Haidergarh	Uttar Pradesh	Barabanki	HO	Ganga/Gomti	26.656	81.35	Rf Mt Hu	12/01/2020 12/01/2020 01/06/2022
26.	Jyoti Jagir	Uttar Pradesh	Bareilly	HO	Ganga/Ramganga/ Begul(Apsara)	28.3886	79.65	Rf Mt Hu	09/01/2020 09/01/2020 01/06/2022
27.	Kachhlabridge	Uttar Pradesh	Badaun	HO/FF	Ganga	27.9319	78.8625	Rf Mt Hu	01/06/2000 06/01/1996 01/08/2022
28.	Kalagarh	Uttarakhand	Pauri/Garhwal	HO/FF	Ganga/Ramganga	29.4967	78.7606	Rf Mt Hu	19/04/2014 06/06/2005 01/03/2024
29.	Kannauj	Uttar Pradesh	Kannauj	HO/FF	Ganga/Kali	27.0127	79.9841	Rf Mt Hu	06/01/2014 01/06/2004 03/01/2022
30.	Kanpur	Uttar Pradesh	Kanpur Nagar	HO/FF	Ganga	26.4722	80.3787	Rf Mt Hu	02/01/2000 01/01/1996 03/01/2022
31.	Kasganj	Uttar Pradesh	Kasganj	HO	Ganga/Kali	27.7879	78.6253	Rf Mt Hu	24/09/2020 24/09/2020 27/01/2022
32.	Kasmara	Uttar Pradesh	Mainpuri	HO	Ganga/Ishan	27.1271	79.2884	Rf Mt Hu	19/09/2020 19/09/2020 27/01/2022
33.	Kathgodam	Uttarakhand	Nainital	HO	Ganga/Ramganga/ Kichha(Gaula)	29.2675	79.5482	Rf Mt Hu	11/01/2020 11/01/2020 01/03/2024
34.	Lalganj	Uttar Pradesh	Raebareli	HO	Ganga/Loni	26.1113889	80.92222	Rf Mt Hu	12/01/2020 12/01/2020 01/06/2022

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
35.	Lucknow	Uttar Pradesh	Lucknow	HO/FF	Ganga/Gomti	26.862	80.946	Rf Mt Hu	18/06/1991 01/01/1970 01/06/2022
36.	Maholi	Uttar Pradesh	Sitapur	HO	Ganga/Gomti/Kathna	27.65808	80.46465	Rf Mt Hu	19/09/2020 19/09/2020 01/06/2022
37.	Maigalganj	Uttar Pradesh	Lakimpur Kheri	HO	Ganga/Gomti	27.738201	80.26691	Rf Mt Hu	19/09/2020 19/09/2020 01/06/2022
38.	Marchula	Uttarakhand	Almora	HO	Ganga/Ramganga	29.606	79.0928	Rf Mt Hu	11/01/2020 11/01/2020 01/03/2024
39.	Meerganj	Uttar Pradesh	Bareilly	HO	Ganga/ramganga/ Dhaneta/Bhakhra	28.5183	79.2514	Rf Mt Hu	09/09/2020 09/09/2020 01/06/2022
40.	Moradabad (R)	Uttar Pradesh	Moradabad	HO/FF	Ganga/Ramganga	28.8267	78.7981	Rf Mt	01/01/1993 01/01/1993
41.	Moradabad (G)	Uttar Pradesh	Moradabad	HO	Ganga/Ramganga/ Gangan	28.79	78.76	Rf Mt Hu	01/01/1993 01/03/2024
42.	Nagina	Uttar Pradesh	Bijnaur	HO	Ganga/Ramganga/Khoh	29.4372	78.485	Rf Mt Hu	09/01/2020 09/01/2020 01/03/2024
43.	Narora	Uttar Pradesh	Bulandshahar	HO/FF	Ganga	28.19	78.4	Rf Mt Hu	06/06/2000 06/06/2000 01/03/2024
44.	Naula	Uttarakhand	Almora	HO	Ganga/Ramganga	29.7416	79.247	Rf Mt Hu	12/01/2020 12/01/2020 01/03/2024
45.	Neemsar	Uttar Pradesh	Sitapur	HO	Ganga/Gomti	27.346111	80.47778	Rf Mt Hu Pe	06/01/2003 06/01/2003 01/06/2022 08/09/2022
46.	Pilibhit	Uttar Pradesh	Pilibhit	HO	Ganga/Deoha(Garra)	28.6181	79.7916	Rf Mt Hu	12/01/2020 12/01/2020 01/03/2024

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
47.	Purwamir	Uttar Pradesh	Kanpur	HO	Ganga/Pandu	26.2	80.5394	Rf Mt Hu	11/09/2020 11/09/2020 01/01/2022
48.	Raebareli	Uttar Pradesh	Raebareli	HO/FF	Ganga/Gomti/Sai	26.1986111	81.25111	Rf Mt Hu Pe	07/01/1986 01/04/1971 01/06/2022 01/10/2022
49.	Ramnagar Barrage D/S	Uttarakhand	Nainital	HO	Ganga/Ramganga/Kosi	29.1585	79.0389	Rf Mt Hu	01/04/2019 01/08/2019 01/03/2024
50.	Rampur	Uttar Pradesh	Rampur	HO	Ganga/Ramganga/Kosi	28.787	78.986	Rf Mt Hu	01/01/1993 01/01/1993 01/03/2024
51.	Ramsanehi Ghat	Uttar Pradesh	Barabanki	HO	Ganga/Gomti/Kalyani	26.789905	81.56427	Rf Mt Hu Pe	01/04/2019 01/06/2021 01/06/2022 29/08/2022
52.	Sandi	Uttar Pradesh	Hardoi	HO	Ganga / Deoha(Garra)	27.271745	79.9501	Rf Mt Hu	01/04/2019 01/07/2019 01/06/2022
53.	Sehramau South	Uttar Pradesh	Shahjahanpur	HO	Ganga//Deoha(Garra)	27.7442	79.9278	Rf Mt Hu	01/04/2019 01/07/2019 01/06/2022
54.	Seohara	Uttar Pradesh	Bijnaur	HO	Ganga/Ramganga	29.2389	78.6569	Rf Mt Hu	01/04/2019 01/08/2019 01/03/2024
55.	Shahjahanpur	Uttar Pradesh	Shahjahanpur	HO	Ganga/Deoha(Garra)/ Khannaut	27.8369	79.91	Rf Mt Hu	01/04/2019 01/10/2019 01/06/2022
56.	Shergarh	Uttar Pradesh	Bareilly	HO	Ganga/Ramganga/ Kichha(Gaula)	28.6814	79.3378	Rf Mt Hu	01/04/2019 01/12/2019 01/09/2022
57.	Sitapur	Uttar Pradesh	Sitapur	HO	Ganga/Gomti/Sarayan	27.572	80.6858	Rf Mt Hu	01/04/2019 01/03/2019 01/06/2022
58.	Sitarganj	Uttarakhand	Udham Singh Nagar	HO	Ganga/Deoha(Garra)	29.0389	79.7672	Rf Mt	01/06/2019 05/01/2022

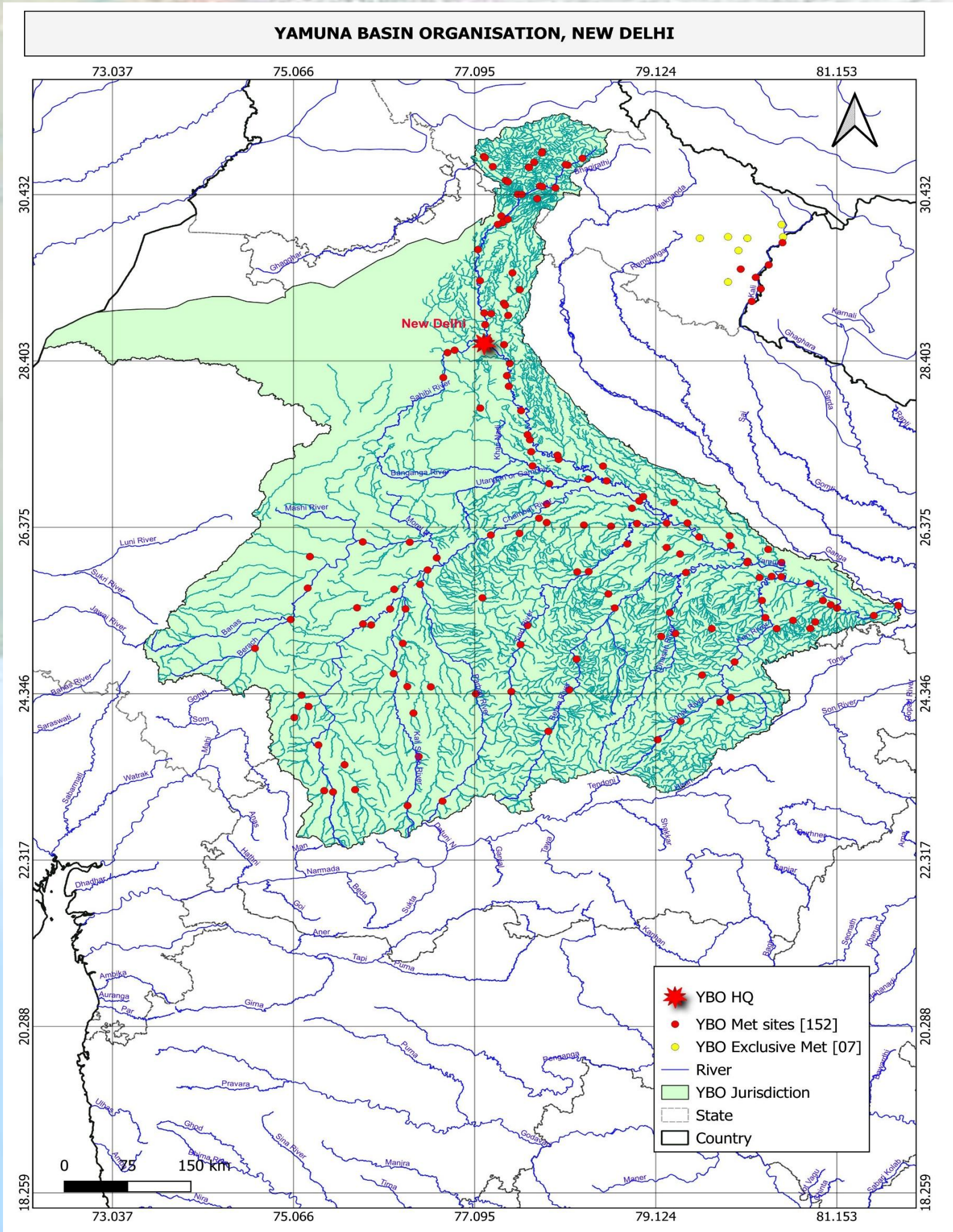


Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
59.	Suyalbari	Uttarakhand	Nainital	HO	Ganga/Ramganga/Kosi	29.54	79.5534	Rf Mt Hu	01/04/2019 01/08/2019 12/04/2024
60.	Todarpur	Uttar Pradesh	Hardoi	HO	Ganga/Deoha(Garra)/ Shukheta	27.5847	79.9951	Rf Mt Hu	01/04/2019 01/10/2019 01/06/2022

Details of the Exclusive Meteorological Observation Stations	
Region	Upper Ganga Basin Organisation, Lucknow
Circle	Hydrological Observation Circle, Dehradun
Division	Middle Ganga Division-II, Lucknow
TOTAL NUMBER OF SITES-04	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1	Chaukhutiya	Uttarakhand	Almora	Met	-	29.88472222	79.35138889	Rf	01/05/2019
2	Dwarahat	Uttarakhand	Almora	Met	-	29.75630833	79.42761111	Rf	01/04/2019
3	Deghat	Uttarakhand	Almora	Met	-	29.90104722	79.22480556	Rf	01/04/2019
4	Dhoutiyal Road	Uttarakhand	Almora	Met	-	29.75481944	79.74397222	Rf	01/04/2019

YAMUNA BASIN ORGANISATION





DISCHARGE MEASUREMENT WITH THE HELP OF ADCP USING BOAT AT POIYA GHAT, GDSQ



HOURLY WATER LEVEL SAHIJINA GDSQ SITE DURING FLOOD EVENT AT RIVER BETWA



RAJGHAT (GQ) SITE UNDER LYD, AGRA. AT RIVER BETWA

Details of the Meteorological Observations on HO/FF Stations	
Region	Yamuna Basin Organisation, New Delhi
Circle	Hydrological Observation Circle, Noida
Division	Chambal Division, Jaipur
TOTAL NUMBER OF SITES-34	
Basin: Ganga Basin	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	A.B.Road Crossing	Madhya Pradesh	Guna	HO	Ganga/Yamuna/ Chambal/Parwati	24.34611	77.10778	Rf Mt	16/01/1976 17/01/1976
2.	Aklera	Rajasthan	Jhalawar	HO	Ganga/Yamuna /Chambal/ Kalisindh/Parwan	24.42972	76.60389	Rf Mt	02/08/1976 03/08/1976
3.	Anthera	Rajasthan	Bundi	HO	Yamuna/Chambal/ Ghodapachchar	25.394103	75.777425	Rf Mt	01/06/2022 21/01/2019
4.	Astha	Madhya Pradesh	Sihore	HO	Yamuna/Chambal/Parwati	23.03611	76.73556	Rf Mt	01/06/2022 01/06/2022
5.	Badodiya	Rajasthan	Jhalawar	HO	Yamuna/Chambal/ Ujar	24.4336	76.3406	RF Mt	01/06/2022 01/06/2019
6.	Bangpura	Madhya Pradesh	Rajgarh	HO	Yamuna/Chambal/ Kalisindh/Chapi	24.109726	76.409415	Rf Mt	01/06/2022 21/01/2019
7.	Baranwada	Rajasthan	Sawai/madhop ur	HO	Ganga/Yamuna/ Chambal/Banas	26.002777	76.670277	Rf Mt	26/12/1959 21/12/1959
8.	Barod	Rajasthan	Kota	HO	Ganga/Yamuna / Chambal / Kalisindh	25.380481	76.320519	Rf Mt	05/09/1970 28/10/1970

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
9.	Bigod	Rajasthan	Bhilwara	HO	Ganga/Yamuna/ Chambal/Banas	25.250713	75.03417	Rf Mt	12/11/1976 12/11/1976
10.	Borkhandi	Rajasthan	Kota	HO	Yamuna/Chambal/ Chanderloi	25.184711	75.9358	Rf Mt	01/06/2022 21/01/2019
11.	Chittorgarh	Rajasthan	Chittorgarh	HO	Ganga/Yamuna/ Chambal/Banas/Gambhiri	24.899586	74.633791	Rf Mt	19/11/1976 19/11/1976
12.	Devalia Khurd	Rajasthan	Kekri	HO	Yamuna/Chambal/ Banas/Dai	26.018163	75.249869	Rf Mt	01/06/2022 19/12/2016
13.	Dhareri	Madhya Pradesh	Ujjain	HO	Ganga/Yamuna/ Chambal	23.14769	75.50833	Rf Mt	17/01/1976 17/01/1976
14.	Dubbi	Rajasthan	Sawai Madhopur	HO	Yamuna/Chambal/ Banas	26.1937	76.3679	Rf Mt	12/11/2014 13/11/2014
15.	Jahajpur	Rajasthan	Shahpura	HO	Yamuna/Chambal/ Banas	25.634094	75.224455	Rf Mt	01/06/2022 01/10/2014
16.	Jhalawar	Rajasthan	Jhalawar	HO	Ganga/Yamuna/ Chambal/Kalisindh	24.590778	76.187378	Rf Mt	01/06/2022 01/06/2022
17.	Kateela	Madhya Pradesh	Sheopur	HO	Ganga/Yamuna/ Chambal/Kuno	25.514853	77.1817305	Rf Mt	01/06/2022 07/11/2020

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
18.	Khatoli	Rajasthan	Kota	HO	Ganga/Yamuna/Chambal/ Parwati	25.679686	76.483897	Rf Mt	08/01/1971 08/01/1971
19.	Kota City	Rajasthan	Kota	HO/FF	Ganga/Yamuna/ Chambal	25.1968	75.8445	Rf Mt	01/06/2022 01/06/2019
20.	Lakheri	Rajasthan	Bundi	HO	Yamuna/Chambal/ Mej	25.618913	76.194236	Rf Mt	10/08/2016 10/08/2016
21.	Mahidpur	Madhya Pradesh	Ujjain	HO	Ganga/Yamuna/ Chambal/Shipra	23.48	75.637559	Rf Mt	15/01/1976 15/01/1976
22.	Mandawara	Rajasthan	Kota	HO	Ganga/Yamuna/ Chambal	25.379647	76.147706	Rf Mt	03/06/1981 03/06/1981
23.	Manderial	Rajasthan	Karauli	HO/FF	Ganga/Yamuna/ Chambal	26.280847	77.2763194	Rf Mt	28/11/1982 28/11/1982
24.	Mandsaur	Madhya Pradesh	Mandsaur	HO	Yamuna/Chambal/ Shivna	24.056016	75.075166	Rf Mt	01/06/2022 16/04/2018
25.	Nahargarh	Madhya Pradesh	Mandsaur	HO	Ganga/Yamuna/ Chambal/Shivna	24.190147	75.2356694	RF, Mt	06/12/2005
26.	Pali	Rajasthan	Sawai/ Madhopur	HO	Ganga/Yamuna/ Chambal	25.854839	76.567894	Rf Mt	10/06/1963 21/11/1966

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
27.	Palwa	Madhya Pradesh	Ujjain	HO	Yamuna/ Chambal/Chamla	23.16388	75.40972	Rf Mt	01/06/2022 01/06/2022
28.	Sangod	Rajasthan	Kota	HO	Ganga/Yamuna/Chambal/ Kalisindh/Parwan	24.96	76.29	Rf Mt	02/09/1970 02/09/1970
29.	Sarangpur	Madhya Pradesh	Rajgarh	HO	Ganga/Yamuna/ Chambal/Kalisindh	23.58056	76.46805	Rf Mt	17/01/1976 04/09/1976
30.	Sonkatch	Madhya Pradesh	Dewas	HO	Ganga/Yamuna/ Chambal/Kalisindh	22.98111	76.34388	Rf Mt	01/06/2022 01/06/2022
31.	Tal	Madhya Pradesh	Ratlam	HO	Ganga/Yamuna/ Chambal	23.7214	75.34448	Rf Mt	18/01/1976 18/01/1976
32.	Tonk	Rajasthan	Tonk	HO	Ganga/Yamuna/ Chambal/Banas	26.1972	75.8416	Rf Mt	26/10/1970 26/10/1970
33.	Tumri	Madhya Pradesh	Mandsaur	HO	Ganga/Yamuna/ Chambal/Retam	24.32889	75.156494	Rf Mt	11/02/2022 01/04/2022
34.	Ujjain	Madhya Pradesh	Ujjain	HO	Ganga/Yamuna/ Chambal/Shipra	23.175769	75.755705	Rf Mt	18/11/1976 18/01/1976

Details of the Meteorological Observations on HO/FF Stations	
Region	Yamuna Basin Organisation, New Delhi
Circle	Hydrological Observation Circle, Noida
Division	Lower Yamuna Division, Agra
TOTAL NUMBER OF SITES- 66	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Arnota	Uttar Pradesh	Agra	HO	Yamuna/ Uttangan	26.9628	78.3672	Rf Mt	18/11/1970 18/11/1970
2.	Auraiya	Uttar Pradesh	Auraiya	HO/FF	Yamuna	26.4272	79.478	Rf Mt	21/02/1976 21/02/1976
3.	Badausa	Uttar Pradesh	Banda	HO	Yamuna/Baghain	25.24	80.661	Rf Mt	27/10/2016 27/10/2016
4.	Bagchini	Madhya Pradesh	Morena	HO	Yamuna/Sind/Kunwari	26.4858	77.8156	Rf Mt	01/09/2014 01/09/2014
5.	Banda	Uttar Pradesh	Banda	HO/FF	Yamuna/ Ken	25.4833	80.3133	Rf Mt	05/04/1959 05/04/1959
6.	Barcha	Uttar Pradesh	Banda	HO	Yamuna/baghain	25.1394	80.4783	Rf Mt	29/12/2016 29/12/2016
7.	Baretha	Rajasthan	Dholpur	HO	Yamuna/ Uttangan	26.9081	77.93	Rf Mt	29/10/2016 29/10/2016
8.	Barood	Madhya Pradesh	Guna	HO	Yamuna/Sindh	24.3719	77.5058	Rf Mt	20/09/2018 20/09/2018
9.	Basoda	Madhya Pradesh	Vidisha	HO	Yamuna/Betwa	23.8872	77.9203	Rf Mt	19/01/1976 19/01/1976

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Bateshwar	Uttar Pradesh	Agra	HO	Yamuna	26.9417	78.5733	Rf Mt	27/10/2016 27/10/2016
11.	Behmai	Uttar Pradesh	Kanpur Dehat	HO	Yamuna	26.2572	79.6081	Rf Mt	20/09/2018 20/09/2018
12.	Bhind	Madhya Pradesh	Bhind	HO	Yamuna/Sind/ Kunwari	26.6078	78.8567	Rf Mt	18/11/1970 18/11/1970
13.	Bijroni	Madhya Pradesh	Shiv Puri	HO	Yamuna/Sindh	24.9447	77.6094	Rf Mt	20/09/2018 20/09/2018
14.	Bulakipura	Uttar Pradesh	Auriaya	HO	Yamuna/Sengar	26.6783	79.3283	Rf Mt	01/08/2014 01/08/2014
15.	Chandpur Dabra	Madhya Pradesh	Gwalior	HO	Yamuna/Sindh	25.83577	78.372	Rf Mt	16/03/2016 16/03/2016
16.	Chillaghat	Uttar Pradesh	Banda	HO/FF	Yamuna	25.772	80.53	Rf Mt	01/07/1971 01/07/1971
17.	Devra	Madhya Pradesh	Chhattarpur	HO	Yamuna/Ken/Shyamari	24.5731	79.6431	Rf Mt	25/11/2014 25/11/2014
18.	Dholpur	Rajasthan	Dholpur	HO/FF	Yamuna/Chambal	26.659	77.902	Rf Mt Pe	16/01/1976 16/01/1976 16/01/1976
19.	Etawah	Uttar Pradesh	Etawah	HO/FF	Yamuna	26.75	78.9833	Rf	01/05/1959

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
20.	Gaisabad	Madhya Pradesh	Damoh	HO	Yamuna/ Ken/Sonar/Bearma	24.2425	79.8444	Rf Pe	11/04/1974 11/04/1974
21.	Garhakota	Madhya Pradesh	Sagar	HO	Yamuna/ Ken/Sonar	23.785	79.144	Rf Mt	04/09/1982 04/09/1982
22.	Garrauli	Madhya Pradesh	Chhatarpur	HO	Yamuna/Betwa/ Dhasan	25.0807	79.3435	Rf Mt	01/05/1982 01/05/1982
23.	Gata	Madhya Pradesh	Bhind	HO	Yamuna/sindh/Vesli	26.3882	78.6233	Rf Mt	22/09/2018 22/09/2018
24.	Hamirpur	Uttar Pradesh	Hamirpur	HO/FF	Yamuna	25.9602	80.1539	Rf Mt	01/04/1959 01/04/1959
25.	Jaraina	Madhya Pradesh	Morena	HO	Yamuna/Sindh/Kunwari/ Asan	26.4328	77.9021	Rf Mt	30/11/2016 30/11/2016
26.	Agra (Jawahar Bridge)	Uttar Pradesh	Agra (J.B)	HO/FF	Yamuna	27.2039	78.035	Rf Mt	15/06/1977 15/06/1977
27.	Juhikha	Uttar Pradesh	Auraiya	HO	Yamuna	26.4264	79.2458	Rf Mt	20/09/2018 20/09/2018
28.	Kaimaha	Uttar Pradesh	Mahoba	HO	Yamuna/Ken/Urmil	25.14	79.751	Rf Mt	01/07/1982 01/07/1982
29.	Kaithi	Uttar Pradesh	Hamirpur	HO	Yamuna/Ken/ Chandrawal	25.7636	80.2864	Rf Mt	01/10/2014 01/10/2014

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
30.	Kalpi	Uttar Pradesh	Jalaun	HO/FF	Yamuna	26.129	79.245	Rf Mt	01/01/1982 01/01/1982
31.	Karwi	Uttar Pradesh	Chitrakoot	HO	Yamuna/Paisuni	25.2211	80.9114	Rf Mt	29/09/2016 29/09/2016
32.	Kiraoli	Uttar Pradesh	Agra	HO	Yamuna/Utangan/ Khari	27.1239	77.7428	Rf Mt	01/08/2014 01/08/2014
33.	Kora/Old	Uttar Pradesh	Fatehpur	HO	Yamuna/Rind	26.1061	80.383	Rf Mt	18/07/1970 18/07/1970
34.	Kurdhana	Madhya Pradesh	Chhattarpur	HO	Yamuna/Ken	25.2731	80.3517	Rf Mt	01/10/2014 01/10/2014
35.	Lahchhuraghat	Uttar Pradesh	Jhansi	HO	Yamuna/Betwa/Dhasan	25.3332	79.2805	Rf Mt	22/09/2018 22/09/2018
36.	Lalpur	Uttar Pradesh	Kanpur Dehat	HO	Yamuna/Sengar	26.2714	79.95	Rf Mt	13/07/1970 13/07/1970
37.	Lamyari	Uttar Pradesh	Chitrakoot	HO	Yamuna/Baghain	25.4822	80.9958	Rf Mt	16/12/2016 16/12/2016
38.	Madla	Madhya Pradesh	Panna	HO	Yamuna/Ken	24.7333	80.0067	Rf Mt	17/03/1981 17/03/1981
39.	Mehndaghat	Madhya Pradesh	Bhind	HO	Yamuna/Sindh	26.4214	78.9131	Rf Mt	01/09/2014 01/09/2014

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
40.	Mansoorpur	Uttar Pradesh	Fatehpur	HO	Yamuna/Rind	25.9455	80.5314	Rf Mt	01/08/2014 01/08/2014
41.	Marka	Uttar Pradesh	Banda	HO	Yamuna	25.6875	80.8511	Rf Mt	15/12/2016 15/12/2016
42.	Mohana	Uttar Pradesh	Jalaun	HO/FF	Yamuna/Betwa	25.824	79.462	Rf Mt	25/12/1983 25/12/1983
43.	Moosa Nagar	Uttar Pradesh	Kanpur Dehat	HO	Yamuna	26.1519	79.9642	Rf Mt	20/09/2018 20/09/2018
44.	Naini	Uttar Pradesh	Prayagraj	HO/FF	Yamuna	25.4208	81.8397	Rf Mt	17/03/1971 17/03/1971
45.	Narsingharh (Damoh)	Madhya Pradesh	Damoh	HO	Yamuna/ken/Sonar	24.0081	79.4014	Rf Mt	01/10/2014 01/10/2014
46.	Nautghat	Madhya Pradesh	Niwari	HO	Yamuna/Betwa	25.3919	78.6639	Rf Mt	01/07/1980 01/07/1980
47.	Orai/2 Mangrayan	Uttar Pradesh	Jaloun	HO	Yamuna/Noon	26.0497	79.3961	Rf Mt	20/11/2014 20/11/2014
48.	Pachawali	Madhya Pradesh	Shivpuri	HO	Yamuna/Sindh	25.1789	77.6869	Rf Mt	21/08/1976 21/08/1976
49.	Pailanidera	Uttar Pradesh	Banda	HO	Yamuna/ken	25.7764	80.4217	Rf Mt	01/11/2018 01/11/2018

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
50.	Agra (Poiyaghat)	Uttar Pradesh	Agra (P.G)	HO	Yamuna	27.2542	78.0231	Rf Mt	09/01/1976 09/01/1976
51.	Pratappur	Uttar Pradesh	Prayagraj	HO	Yamuna	25.299	81.566	Rf Mt	01/04/1959 01/04/1959
52.	Rajapur	Uttar Pradesh	Chitrakoot	HO	Yamuna	25.3897	81.1542	Rf Mt	30/12/1976 30/12/1976
53.	Rajghat	Uttar Pradesh	Lalitpur	HO	Yamuna/Betwa	24.768	78.236	Rf Mt	21/11/1970 21/11/1970
54.	Rupas Nagar	Uttar Pradesh	Firozabad	HO	Yamuna/Sengar/Sirsa	27.1217	78.5328	Rf Mt	27/10/2016 27/10/2016
55.	Sahijana	Uttar Pradesh	Hamirpur	HO/FF	Yamuna/Betwa	25.9447	80.1478	Rf Mt	08/06/1959 08/06/1959
56.	Sanjay Nagar	Madhya Pradesh	Teekamgarh	HO	Yamuna/Betwa/ Dhasan/Urr	25.0439	79.185	Rf Mt	22/09/2018 22/09/2018
57.	Sardhua	Uttar Pradesh	Chitrakoot	HO	Yamuna/paisuni	25.4306	81.0836	Rf Mt	17/12/2016 17/12/2016
58.	Sarva	Madhya Pradesh	Bhind	HO	Yamuna/sindh/vesli/ Pana	26.4022	78.319	Rf Mt	22/09/2018 22/09/2018
59.	Seondha	Madhya Pradesh	Datia	HO	Yamuna/Sindh	26.1718	78.8041	Rf Mt	18/09/1959 18/09/1959

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
60.	Semarkhedhi	Madhya Pradesh	Ashok Nagar	HO	Yamuna/Betwa	24.393611	78.15444	Rf Mt	01/08/2020 01/08/2020
61.	Tighara	Madhya Pradesh	Panna	HO	Yamuna/ken/Kyan	24.2986	79.965	Rf Mt	30/12/2016 30/12/2016
62.	Udi	Uttar Pradesh	Etawah	HO	Yamuna/Chambal	26.6964	78.9378	Rf Mt	21/06/1959 21/06/1959
63.	Unnao Balaji	Madhya Pradesh	Datiya	HO	Yamuna/Sindh/Pahuj	25.5625	78.5928	Rf Mt	30/09/2016 30/09/2016
64.	Chitrakoot	Madhya Pradesh	Satna	HO	Yamuna/Paisuni	25.142	80.855	Rf Mt	01/01/2024 01/01/2024
65.	Masoodpur	Madhya Pradesh	Gwalior	HO	Sindh/Non	25.83167	78.24472	Rf Mt	01/11/2018 01/11/2018
66.	Nepari	Madhya Pradesh	Morena	HO	Yamuna/Sindh/Kunwari	26.301	77.597	Rf Mt	30/11/2016 30/11/2016

Details of the Meteorological Observations on HO/FF Stations	
Region	Yamuna Basin Organisation, New Delhi
Circle	Planngng Circle, Faridabad
Division	P&ID, Faridabad
TOTAL NUMBER OF SITES-06	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Dharchula	Uttarakhand	Pithoragarh	HOIW	Ganga/Mahakali	29.8463	80.5433	Mt	13/06/1983
2.	Pancheshwar	Uttarakhand	Champawat	HOIW	Ganga/Mahakali	29.4233	80.244	Rf Mt	08/05/1982 01/11/1982
3.	Purnagiri	Uttarakhand	Champawat	HOIW	Ganga/Mahakali	29.1302	80.1986	RF	15/09/2001
4.	Rameshwar	Uttarakhand	Pithoragarh	HOIW	Ganga/Mahakali/Sarju	29.5238	80.0753	Rf Mt	16/06/1983 16/06/1983
5.	Rupaligarh	Uttarakhand	Champawat	HOIW	Ganga/Mahakali	29.2833	80.3	RF	01/08/2000
6.	Jhulaghat	Uttarakhand	Pithoragarh	HOIW	Ganga/Mahakali	29.5706	80.3899	Mt	15/07/1983

Details of the Exckusive Meteorological Observations on HO/FF Stations	
Region	Yamuna Basin Organisation, New Delhi
Circle	Plannng Circle, Faridabad
Division	P&ID, Faridabad
TOTAL NUMBER OF SITES-07	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/ HOIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Bajjnath	Uttarakhand	Bageshwar	HOIW	Saryu	29.9	79.6169	Rf	28/05/1982
2.	Berinag	Uttarakhand	Pithoragarh	HOIW	Ramganga	29.75	80.05	Rf	23/01/1983
3.	Khetikhan	Uttarakhand	Champawat	HOIW	Mahakali	29.3667	79.9333	Rf	05//07/1982
4.	Narayan Ashram	Uttarakhand	Pithoragarh	HOIW	Mahakali	29.9167	80.55	Rf	24/11/1982
5.	Pharsali	Uttarakhand	Bageshwar	HOIW	N/A	29.9167	79.9333	Sf	24/11/1982
6.	Pharsali	Uttarakhand	Bageshwar	HOIW	Saryu	29.9167	79.9333	Rf	29/05/1982
7.	Tejam (Sobla)	Uttarakhand	Pithoragarh	HOIW	Dhauli ganga	30.0667	80.5336	Rf	01/06/1985

Details of the Meteorological Observations on HO/FF Stations	
Region	Yamuna Basin Organisation, New Delhi
Circle	Hydrological Observation Circle, Vaishali(Dehradun)
Division	Upper Yamuna Division, New Delhi
TOTAL NUMBER OF SITES-46	
Basin: Ganga	

Sl.No	Site	State	District	HO/FF/H OIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
1.	Aglarpul (Yamuna Pul)	Uttarakhand	Tehri Garhwal	HO/MET	Yamuna/Aglar	30.5135	77.9992	Rf Mt	15/04/2019 01/02/2019
2.	Attal	Uttarakhand	Dehradun	HO/MET	Yamuna/Shalini	30.8272	77.7612	Rf Mt	01/07/2019 28/01/2019
3.	Baghpat	Uttar Pradesh	Baghpat	HO/MET	Yamuna	28.988	77.2027	Rf Mt	01/01/1976 26/02/1975
4.	Baleni	Uttar Pradesh	Baghpat	HO/MET	Yamuna/Hindon	28.9589	77.4701	Rf Mt	01/06/2019 23/01/2019
5.	Barnawa (Shekhpura)	Uttar Pradesh	Baghpat	HO/MET	Yamuna/Hindon/Krashni	29.1075	77.4216	Mt	01/10/2019
6.	Dadahu (Renuka)	Uttarakhand	Sirmaur	HO/MET	Yamuna/Giri	30.6044	77.4411	Mt	01/06/2019
7.	Dadri (Seasonal Site)	Haryana	Jhajjar	HO/MET	Yamuna/ Sahibi	28.5047	76.7903	Rf	01/06/2014
8.	Delhi Rly Bridge	Delhi	North Delhi	HO/FF/ MET	Yamuna	28.6626	77.2489	Rf Mt	01/01/1981 01/01/1970
9.	Dhansa (Seasonal Site)	Delhi	South West Delhi	HO/FF/ MET	Yamuna/Sahibi	28.5344	76.8706	Rf	01/06/2014

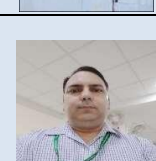
Sl.No	Site	State	District	HO/FF/H OIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
10.	Fatchgarh	Haryana	Yamuna nagar	HO/MET	Yamuna/Somb	30.171556	77.393161	Rf Mt	01/07/2019 01/06/2019
11.	Galeta	Uttar Pradesh	Baghpat	HO/MET	Yamuna/ Hindon	29.0824	77.4373	Rf Mt	01/05/1976 01/05/1971
12.	Ganguwala	Himachal Pradesh	Sirmaur	HO/MET	Yamuna/Bata	30.4355	77.5779	Rf Mt	13/06/2019 04/02/2019
13.	Gaura	Himachal Pradesh	Solan	HO/MET	Yamuna/Giri/ Ashani	30.8967	77.1972	Rf Mt	01/07/2019 01/06/2019
14.	Ghodopipli	Haryana	Yamuna Nagar	HO/MET	Yamuna/Maskara	30.0907	77.4084	Rf Mt	01/07/2019 01/08/2019
15.	Gokul Barrage (Mathura)	Uttar Pradesh	Mathura	HO/MET	Yamuna	27.4426	77.7137	Rf Mt	01/06/2014 01/10/2010
16.	Haripur	Uttarakhand	Dehradun	HO/MET	Yamuna/Tons	30.5372	77.8259	Rf Mt	01/06/1988 01/01/1986
17.	Jateon Barrage	Himachal Pradesh	Sirmaur	HO/MET	Yamuna/Giri	30.5876	77.468456	Rf	01/01/1979
18.	Kalanaur	Uttar Pradesh	Saharanpur	HO/MET/FF	Yamuna	30.067833	77.354022	Rf Mt	28/10/1975 28/10/1975
19.	Kalsi	Uttarakhand	Dehradun	HO/MET	Yamuna/ Amlav	30.526989	77.852894	Rf Mt	01/07/2019 01/02/2019

Sl.No	Site	State	District	HO/FF/H OIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
20.	Karnal	Haryana	Karnal	HO/MET	Yamuna	29.762183	77.131592	Rf Mt	01/01/1976 01/12/1974
21.	Kheri	Himachal Pradesh	Sirmaur	HO/MET	Yamuna/Giri	30.773333	77.298333	Rf Mt	01/07/2019 01/04/2019
22.	Kuthnaur	Uttarakhand	Uttarkashi	HO/MET	Yamuna	30.874	78.302867	Rf Mt	01/05/2019 01/02/2019
23.	Manjhawali	Haryana	Faridabad	HO/MET	Yamuna	28.3732	77.488314	Rf Mt	01/07/2019 01/04/2019
24.	Masani	Haryana	Rewari	HO/MET	Yamuna/ Sahibi	28.201281	76.743758	Rf	01/06/2014
25.	Mathura (Prayagghat)	Uttar Pradesh	Mathura	HO/FF	Yamuna	27.504122	77.687233	Mt	04/01/1974
26.	Mawi	Uttar Pradesh	Shamli	HO/FF/MET	Yamuna	29.382483	77.154475	Rf Mt	01/01/1976 01/03/1975
27.	Meenus (Khad)	Himachal Pradesh	Sirmaur	HO/MET	Yamuna/Tons/Khad	30.767303	77.69865	Rf Mt	25/01/2019 25/01/2019
28.	Meenus (Tons)	Himachal Pradesh	Sirmaur	HO/MET	Yamuna/ Tons	30.7616	77.7050	Rf Mt	01/07/2019 26/01/2019
29.	Mohna	Haryana	Faridabad	HO/MET	Yamuna	28.2236	77.4562	Rf Mt	11/01/1983 12/01/1983

Sl.No	Site	State	District	HO/FF/H OIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
30.	Naugaon	Uttarakhand	Uttarkashi	HO/MET	Yamuna	30.7917	78.1382	Rf Mt	19/11/1981 21/11/1981
31.	NOIDA	Uttar Pradesh	Gautam Bhud Nagar	HO/MET	Yamuna/Hindon	28.6020	77.4242	Rf Mt	01/07/2019 01/04/2019
32.	Palla	Delhi	North West Delhi	HO/MET	Yamuna	28.8452	77.2125	Rf Mt	01/06/1999 24/01/2001
33.	Panchkuan	Uttar Pradesh	Saharanpur	HO/MET	Yamuna/Budi Yamuna	30.1312	77.4671	Rf Mt	01/08/2019 01/03/2019
34.	Paonta	Himachal Pradesh	Sirmaur	HO/MET/FF	Yamuna	30.4343	77.6227	Rf Mt	16/10/1978 12/11/1978
35.	Parkham	Uttar Pradesh	Mathura	HO/MET	Yamuna/Goverdhan Drain	27.2969	77.7282	Rf Mt	01/07/2019 18/01/2019
36.	Piprauli	Haryana	Mewat	HO/MET	Yamuna/Ujina Drain	27.8281	77.1580	Rf Mt	01/07/2019 18/01/2019
37.	Purola	Uttarakhand	Uttarkashi	HO/MET	Yamuna/Kamal	30.7981	78.115	Rf Mt	15/04/2019 01/02/2019
38.	Rahimpur	Haryana	Palwal	HO/MET	Yamuna	28.094828	77.477217	Rf Mt	18/01/2019 18/01/2019
39.	Ratanpuri	Uttar Pradesh	Muzaffar Nagar	HO/MET	Yamuna/Hindon/Kali	29.2731	77.6000	Rf Mt	01/06/2019 01/06/2019

Sl.No	Site	State	District	HO/FF/H OIW	River/Tributary/ Sub-tributary	Latitude(°N)	Longitude(°E)	Met Para	Date of Start
40.	Sabhawala	Uttarakhand	Dehradun	HO/MET	Yamuna/ Aasan	30.3811	77.7966	Rf Mt	01/06/2019 01/02/2019
41.	Shergarh	Uttar Pradesh	Mathura	HO/MET	Yamuna	27.7966	77.6146	Rf Mt	01/02/2019 18/01/2019
42.	Tajewala/ Hathnikund Barrage	Haryana	Yamuna Nagar	HO/MET	Yamuna	30.3142	77.585	Rf Mt	13/05/2014 01/07/2012
43.	Titawi	Uttar Pradesh	Muzzafarnagar	HO/MET	Yamuna/ Hindon	29.4772	77.5181	Rf Mt	01/07/2019 01/01/2019
44.	Tuini (Pabar)	Uttarakhand	Dehradun	HO/MET	Yamuna/Tons/Pabar	30.9547	77.8529	Mt	01/06/1976
45.	Tuini (Tons)	Uttarakhand	Dehradun	HO/MET	Yamuna/Tons	30.9397	77.8466	Rf Mt	01/06/1976 01/06/1976
46.	Yashwant Nagar	Himachal Pradesh	Sirmaur	HO/MET	Yamuna/Giri	30.8822	77.2094	Rf Mt	01/01/1978 01/07/1976

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Abbreviation used in the Book

S. No.	Abbreviation Used	Full Form
1.	BBO	Brahmaputra Basin Organization
2.	BOBO	Barak & Other Basin Organisation
3.	BTAD	Bodoland Territorial Autonomous District
4.	C.S.	Cross Section
5.	CSRO	Cauvery & Southern Rivers Organisation
6.	CWC	Central Water Commission
7.	D&NH and D&D	Dadar & Nagar Haveli and Daman & Diu
8.	D/S	Downstream
9.	EFR	East Flowing Rivers
10.	Excl. Met	Exclusive Meteorological station
11.	F.F.	Flood Forecasting
12.	G	Gauge
13.	GD	Gauge & Discharge
14.	GDS	Gauge, Discharge & Silt
15.	GDSQ	Gauge, Discharge, Silt & Quality
16.	Guwahati D. C. Court	Guwhati Depty Commissioner Court
17.	H.O.	Hydrological Observation
18.	HEP	Hydro Electric Project
19.	HOIW	Hydrological Observation & Investigation Works
20.	IBO	Indus Basin Organisation
21.	KGBO	Krishna & Godavari Basin Organisation
22.	LGBO	Lower Ganga Basin Organisation
23.	MBD	Middle Brahmaputra Division
24.	MCO	Monitoring Central Organisation
25.	MERO	Mahanadi & Eastern Rivers Organisation
26.	Met	Meteorological
27.	MGD	Middle Ganga Division
28.	MSO	Monitoring South Organisation
29.	MTBO	Mahi & Tabi Basin Organisation
30.	N. T. Road crossing	North Lakhimpur Tezpur Road crossing
31.	NBO	Narmada Basin Organisation
32.	NEID	North Eastern Investigation Division
33.	NH	National Highway
34.	P&DO	Planning & Development Organisation
35.	Rd. Bridge	Road Bridge
36.	RDC	River Data Compilation
37.	RM Wing	River Management Wing
38.	Sq.km	Square Kilometer
39.	T&BDBO	Teesta & Bhagirathi Damodar Basin Organisation
40.	U/S	Upstream
41.	UGBO	Upper Ganga Basin Organisation
42.	WFR	West Flowing Rivers
43.	WR, RD & GR	Water Resources, River Development & Ganga Rejuvenation
44.	YBO	Yamuna Basin Organisation