

Week by Week Rainfall Distribution from 03.07.19 to 17.07.19

Sub-Divisions	03.07.19		10.07.19		17.07.19	
	Actual (mm)	% dep.	Actual (mm)	% dep.	Actual (mm)	% dep.
Arunachal Pradesh						
Anjaw	0	-100	147.6	55	216.1	66
Changlang	59.4	-43	112.9	-11	102.9	-9
Dibang Valley	**	**	**	**	307.6	477
East Kameng	46.3	-49	112.3	31	145	44
East Siang	172.9	-33	298.6	9	583.2	148
Kurung Kumey	35	-41	181.2	134	106.6	6
Lohit	113.4	-2	171.6	63	218.8	73
Lower Dibang Valley	306.8	91	516.1	473	572.5	448
Lower Subansari	52.6	34	147.6	300	71.4	20
Papumpare	218.4	36	206.4	30	132.6	3
Tawang	30.6	-76	104.9	-9	129.8	-5
Tirap	48.6	-72	157.6	-6	58.6	-68
Upper Siang	78.3	-32	217.5	62	347.6	231
Upper Subansari	40.2	-48	128.1	99	111.4	61
West Kameng	72.7	-44	168.6	46	172.7	27
West Siang	92.4	-46	227	72	261.6	49
Assam & Meghalaya						
Assam						
Baksa	249.2	205	124.3	23	384.2	312
Barpeta	165.8	-7	394.8	81	448.7	181
Bongaigaon	99.3	-50	385.5	80	496.2	225
Cachar	144.2	24	122.5	17	201.5	73
Chirang	127.5	-35	366.4	75	429.5	165
Darrang	4.1	-96	34.3	-65	27.3	-66
Dhemaji	183.6	42	271.1	115	340.3	184
Dhubri	184.4	36	146.9	-24	354.9	123
Dibrugarh	106.7	-3	160.2	34	78.8	-36
Goalpara	178	8	369.7	180	252.3	78
Golaghat	68.7	2	135.2	67	25.6	-65
Hailakandi	197.4	104	103.9	14	131.6	53
Jorhat	60.6	-29	186.6	91	48.1	-44
Kamrup(Rural)	75.5	-25	130	46	147.2	65
Kamrup(Metro)	92.9	29	129.8	66	63.7	-8
Karbi Anglong	40.6	-16	59.9	5	37.5	-23
Karimganj	154.5	13	69.3	-51	265.6	87
Kokrajhar	118	-44	262.4	5	448.2	210

Lakhimpur	268.4	82	280.2	96	175.1	12
Morigaon	35.6	-58	157.8	106	44.8	-42
N.C.Hills	42.3	-45	50.1	-23	149.8	144
Nagaon	47.7	-26	66.2	4	33.4	-53
Nalbari	201.1	69	188.8	39	318.9	183
Sonitpur	83.8	-2	77.2	15	153.2	86
Sibsagar	54.5	-39	68.1	-28	48.4	-47
Tinsukia	132.3	32	160.6	24	131	20
Udalgiri	85.2	-25	113.2	8	272.9	165
Meghalaya						
East Garo Hills	358	280	524	500	437.8	273
East Khasi Hills	469.2	38	787.5	97	728.7	115
Jaintia Hills	**	**	313.6	-43	689.9	113
Ribhoi	98.2	3	209.6	135	119.6	27
South Garo Hills	245.2	84	254.6	95	427.4	249
West Garo Hills	119	-11	139.6	7	159	30
West Khasi Hills	301.4	23	311.9	16	256.2	72
NMMT						
Mizoram						
Aizwal	63.6	-28	67.6	-19	236.4	138
Champhai	**	**	**	**	0	-100
Kolasib	119.8	25	90.6	14	162.6	51
Lawngtlai	52.9	-52	196.4	76	285	154
Lunglei	417	327	353.9	159	388.2	268
Mamit	22.4	-76	52.4	-33	142.5	59
Saiha	69.3	-37	81.3	-21	209.2	87
Serchhip	33.4	-69	146.9	69	185.3	109
Manipur						
Bishnupur	36.4	-45	30.2	-57	16	-84
Chandel	9.1	-90	5.3	-96	48.8	-62
Churachandpur	18.2	-81	37.2	-52	35.7	-66
Imphal East	22.1	-77	17.7	-79	29.7	-65
Imphal West	67.7	0	63.8	27	25.9	-48
Senapati	13.5	-86	63.4	-10	40.9	-52
Tamenglong	94.2	-78	32.3	-94	150.4	-81
Thoubal	18.1	-66	16	-51	20.2	-66
Ukhrul	11.6	-81	100	47	87.1	-1
Nagaland						
Dimapur	46.6	-39	53.7	-24	29.3	-67
Kephire	13.3	-64	52.9	45	35.8	-20
Kohima	53.1	-31	99.2	41	34.9	-60

Longleng	72	-6	91	-9	24	-82
Mokokchung	145.4	91	122.3	22	24	-82
Mon	33	-51	60	-33	17	-76
Paren	34.8	-44	60.8	106	51.4	4
Phek	3	-95	49	1	27	-50
Tuensang	110	44	91	-9	36	-73
Wokha	0	-100	7	-93	3.5	-97
Zunheboto	104	36	75	-25	44	-67
Tripura						
Dhalai	89	4	179.8	167	324.7	301
NorthTripura	196.7	126	119.5	64	295.8	275
SouthTripura	22.3	-82	297.9	148	332.4	195
West Tripura	19.8	-76	110.5	37	322.6	251
Himachal Pradesh						
Bilaspur	20.6	-59	92.3	44	71.9	1
Chamba	2.1	-96	34.4	-52	25.8	-74
Hamirpur	7.7	-88	95.3	48	67.8	-16
Kangra	10.3	-88	119	7	81.1	-43
Kinnaur	1.3	-86	9.1	-34	3.5	-79
Kullu	4.6	-80	22.8	-40	24.8	-36
Lahaul and Spiti	0	-100	2	-93	0	-100
Mandi	9.5	-84	44.5	-46	71.7	-18
Shimla	3.9	-89	44.8	-1	60.4	13
Sirmaur	14.4	-82	141.2	30	76.5	-37
Solan	4.5	-91	108.4	38	70.7	-13
Una	0	-100	57.2	-18	70.3	4
Punjab						
Amritsar	0	-100	29.5	-24	75.2	67
Barnala	0	-100	0	-100	121	227
Bhatinda	9.8	-49	29.9	37	280.3	897
Faridkot	11.9	-18	17	-7	98.9	212
Fatehgarh Saheb	3	-88	23	-53	154.7	172
Ferozpur	3	-78	5.8	-73	73.7	129
Gurdaspur	3.9	-91	102.8	82	29.6	-64
Hoshiarpur	0	-100	20.4	-61	27.5	-52
Jalandhar	0	-100	13.6	-72	43.2	-14
Kapurthala	0	-100	16.5	-46	215.8	598
Ludhiana	5.7	-76	6.1	-85	123.6	156
Mansa	11	9	5.4	-71	133	393
Moga	0	-100	15.4	-27	89	184
Muktesar	5.8	-65	3.3	-85	149.1	384

Nawashahar	0	-100	101.3	33	117.7	61
Patiala	0.2	-99	66.5	53	239.1	321
Ropar	0	-100	56.9	-10	98.1	63
Sangrur	0.3	-99	4.3	-84	120.7	181
Sas Nagar (Mohali)	0	-100	94	74	142	202
TarnTaran	0	-100	28	9	100	239
Haryana,Chd,Delhi						
Haryana						
Ambala	1.2	-97	37.6	-49	211.1	194
Bhiwani	1.1	-90	14.2	-37	8.8	-72
Chandigarh	0	-100	143.6	94	132.1	93
Faridabad	0	-100	4	-88	1.3	-98
Fatehabad	3	-79	1.7	-91	30.7	24
Gurgaon	0	-100	36.2	1	4.5	-92
Hissar	5.6	-62	8.8	-52	42	64
Jhajar	0	-100	19.5	-11	15.4	-65
Jind	0	-100	8.2	-72	59.5	38
Katihah	0	-100	12.7	-44	50	20
Karnal	0	-100	74.8	52	123.2	96
Kurukshetra	0	-100	29.3	-36	141.6	171
Mahendragarh	1.2	-95	10.3	-59	0.7	-99
Mewat	0	-100	20.3	-27	0	-100
Palwal	0	-100	26.3	6	17.3	-59
Panchkula	0	-100	21	-69	54.4	-22
Panipat	0	-100	23.3	-28	28	-50
Rewari	0.4	-98	20.8	-14	0.1	-99
Rohtak	0	-100	24.3	-19	25.1	-54
Sirsa	6.1	-40	6	-63	55.4	150
Sonepat	0.3	-99	11.8	-62	94.8	70
Yamunanagar	0	-100	100	89	161.5	148
Delhi						
Central Delhi	0	-100	0	-100	0	-100
East Delhi	0	-100	4.9	-89	35	-48
New Delhi	0	-100	20.6	-34	34.6	-18
North Delhi	0	-100	3.2	-92	31.1	-44
North East Delhi	0	-100	3.3	-93	13.4	-80
North West Delhi	1	-95	2	-94	0.5	-99
South Delhi	0	-100	10.2	-78	17	-75
South West Delhi	0	-100	10.6	-81	25.4	-57
West Delhi	**	**	11	-79	1	-98
Jammu & Kashmir						

Anantnag	2.7	-80	5.3	-69	16.7	-23
Badgam	4	-30	3	-64	3.5	-73
Bandipore	2	-65	2	-79	13	3
Baramula	13.1	21	9.2	-16	5.8	-66
Doda	12.9	-42	13.1	-40	57.2	50
Ganderbal	3.7	-70	13.2	-16	8.6	-46
Jammu	2.2	-93	36.5	-44	5.9	-94
Kargil	0	-100	0	-100	0	-100
Kathua	9.8	-84	131.4	53	24.8	-80
Kistwar	0	-100	**	**	**	**
Kulgam	2.2	-84	0	-100	54.4	96
Kupwara	10.5	-9	1.7	-90	9.6	-48
Ladakh(Leh)	0	-100	0.3	-93	1.9	-22
Poonch	17	-61	20	-51	41	-41
Pulwama	3.1	-48	0	-100	18.4	61
Rajouri	0	-100	41.5	-30	10.4	-79
Ramban	6.5	-65	16.8	-27	9.3	-76
Reasi	22.3	-55	37.6	-41	62.8	-35
Samba	0	-100	0	-100	6.6	-93
Shopian	0	-100	**	**	**	**
Srinagar	1.3	-84	3.7	-68	1.8	-88
Udhampur	1.9	-97	79.3	2	77	-35
East Madhya Pradesh						
Anuppur	86	27	137.3	51	0.4	-99
Balaghat	117.7	58	118.8	24	3.2	-97
Chhatarpur	53.9	-2	114	86	0	-100
Chindwara	68.5	15	21.5	-71	0	-100
Damoh	151	121	221	229	0	-100
Dindori	162	123	144.6	47	0	-100
Jabalpur	185.8	200	75.6	4	0	-100
Katni	90.8	24	80	7	1	-99
Mandla	96	19	214.2	125	5.6	-94
Narsingpur	162.4	195	130.2	54	0	-100
Panna	27.7	-63	183.7	151	22.8	-71
Rewa	26.7	-58	191.3	231	35.8	-53
Sagar	110.3	76	172.1	135	0	-100
Satna	61.7	-15	122	119	34.7	-41
Seoni	142.1	115	76.3	-6	0	-100
Shahdol	45	-22	155	121	2	-97
Sidhi	30.4	-49	85.4	32	34.8	-60
Singrauli	27	-50	140	220	38	-47

Tikamgarh	12	-83	217.5	299	2	-97
Umariya	94.4	34	310.1	351	0	-100
West Madhya Pradesh						
Agar	41.8	5	121	109	0	-100
Alirajpur	84.3	93	138.8	136	0	-100
Asoknagar	26	-55	157	169	0	-100
Barwani	109.1	155	81.3	84	5.1	-88
Betul	78.4	50	65.7	-5	0.3	-99
Bhind	16.3	-51	125.7	134	2	-96
Bhopal	102.6	78	145.1	96	0	-100
Burhanpur	156	218	57.6	46	0	-100
Datia	18.1	-59	182.9	294	0	-100
Dewas	72.7	39	122.5	98	0	-100
Dhar	82.6	90	150.6	167	0	-100
Guna	42.9	-32	86.7	34	0	-100
Gwalior	33.9	7	147.4	187	0	-100
Harda	76.7	43	139.8	74	0	-100
Hoshangabad	72.1	-5	99.3	6	1.5	-98
Indore	92	115	178.4	212	0	-100
Jhabua	88.3	116	165.5	173	0	-100
Khandwa	140.3	213	129	133	2	-96
Khargone	87.6	116	96.7	116	0.2	-99
Mandsaur	97.6	116	146.7	201	0	-100
Morena	14.7	-53	168.6	274	0	-100
Neemuch	83.2	67	171.6	290	0	-100
Raisen	132.2	127	197.8	150	0	-100
Rajgarh	65.4	53	131.4	120	0	-100
Ratlam	94.3	118	278.9	454	0	-100
Sehore	105.6	111	158.3	117	0	-100
Shajapur	48	24	209	251	0	-100
Sheopur Kalani	5	-87	93.4	74	0	-100
Shivpuri	22.1	-51	207.5	279	0	-100
Ujjain	104.4	142	136.5	119	0	-100
Vidisha	44.4	-22	143.5	92	0	-100
Chhattisgarh						
Balod	52.4	-33	82.1	4	0.3	-99
Baloda Bazar	93.8	31	29.9	-62	3.2	-96
Balrampur	60.3	-14	109.5	44	15.7	-83
Bastar	39.2	-48	161.5	108	26.5	-63
Bemetara	114.8	50	45	-41	0.6	-99
Bijapur	113.6	83	199.4	94	58.2	-31

Bilaspur	100.6	15	107.7	41	12.7	-84
Dantewara	67	-18	189.1	65	35	-64
Dhamtari	70.4	0	63.3	-19	1.6	-98
Durg	65.1	-15	25.1	-66	0	-100
Gariaband	82.7	32	77.3	5	10.7	-86
Janjgir	128.5	49	68.3	-20	6.2	-93
Jashpurnagar	95.8	-16	95.9	-4	22.8	-80
Kabirdham	96.7	73	30.5	-47	6.9	-88
Kanker	87.8	19	152.4	58	12.4	-85
Kondagaon	193.9	188	147.2	70	35.6	-57
Korba	102.3	-4	65	-32	24	-77
Koriya	87.4	9	149.7	76	11.6	-88
Mahasumund	136.8	121	44.9	-40	20.3	-74
Mungeli	86.1	1	58.4	-19	2.6	-97
Narayanpur	89.7	53	173.4	82	19.1	-78
Raigarh	132.7	82	53	-42	10.4	-89
Raipur	66.1	-18	44.5	-40	4.5	-94
Rajnandgaon	92.3	41	66.5	-3	3.8	-95
Sukma	80.3	51	118.7	45	38.8	-56
Surajpur	61.1	-30	168.8	107	53	-48
Surguja	35.2	-62	92.7	7	18.6	-82
East Uttar Pradesh						
Allahabad	8.1	-83	129.2	147	71.1	-7
Ambedkar Nagar	0	-100	210	226	274	246
Amethi	1.8	-95	76.4	10	100.4	50
Azamgarh	8	-84	82.4	5	147.3	54
Bahraich	34	-43	206.5	201	189.1	94
Ballia	7.2	-86	125.2	104	294.5	265
Balrampur	17	-61	111.6	72	254.8	177
Banda	13.8	-75	209.7	342	38.9	-46
Barabanki	22.8	-49	147.2	155	149.4	85
Basti	10.1	-81	326.6	448	230.1	200
Chandauli	4.3	-88	137.3	168	92	12
Chitrakoot	14.5	-76	119	144	38.5	-32
Deoria	0	-100	84.5	26	142	63
Faizabad	3.5	-93	195	256	114.7	23
Farrukhabad	0.4	-99	71.9	29	55.3	-28
Fatehpur	4.1	-91	111	118	11.7	-83
Gazipur	10.9	-72	116.4	92	155.4	91
Gonda	15.5	-70	79.5	25	164.8	78
Gorakhpur	13.6	-78	184.1	92	303.1	174

Hardoi	5.7	-87	82.2	72	98.2	42
Jaunpur	4.3	-91	73.9	9	130.6	56
Kannauj	5.2	-86	70	64	67.5	2
Kanpur City	14.8	-54	121.3	226	38.4	-22
Kanpur Dehat	2.5	-91	31.7	-17	15.4	-71
Kaushambi	0	-100	68.8	70	45.2	-20
Kheri	14.3	-70	121.1	69	171	120
Kushi nagar	34.5	-39	110.8	54	200	136
Lucknow	23.7	-37	112.5	142	134.6	122
Maharajganj	4	-94	133.4	36	103.3	1
Mau	4	-92	106	57	167	84
Mirzapur	9.9	-79	217.4	265	60.9	-25
Pratapgarh	11	-72	92.4	48	130	89
RaiBareilly	3.3	-88	50.3	9	88.4	56
Sant Kabirnnagar	0	-100	195	159	239	139
Sant Ravidas Nagar	10	-73	142.7	179	135	65
Shrawasti	20.5	-66	275.9	302	265.3	173
Sidharthnagar	5.1	-91	171.6	92	171.4	49
Sitapur	4.4	-91	124.3	120	103.6	32
Sonbhadra	11.6	-80	172.8	227	31.6	-60
Sultanpur	3.3	-93	115.6	57	138.2	74
Unnao	9.3	-78	79.3	57	70.5	13
Varanasi	11.4	-77	149.4	149	97.2	13
West Uttar Pradesh						
Agra	6.3	-78	123.7	225	6.2	-87
Aligarh	2.3	-92	13.9	-67	37	-33
Auraiya	2.2	-91	59.2	45	9.6	-79
Badaun	9.5	-76	50.3	-10	81.2	21
Baghpat	0	-100	18.6	-55	119.9	103
Bareilly	11.2	-70	101.6	86	173.4	162
Bijnor	7.8	-82	121.5	62	227.1	206
Bulandsahar	0	-100	32.4	-32	33.4	-42
Etah	5.7	-75	101.3	138	33.3	-26
Etawah	11.3	-45	107.3	134	9.2	-80
Firozabad	0	-100	55.1	11	0	-100
GBNagar	0	-100	14	-66	82	69
Ghaziabad	0	-100	12	-71	9.7	-80
Hamirpur	16.5	-60	116	160	33.3	-41
Hapur	0	-100	0	-100	45	-28
Jalaun	5.3	-84	85.2	71	6.7	-88
Jhansi	22.7	-56	118.8	148	30.8	-46

Jotiba Phule Nagar	1	-96	64.1	-31	72.3	16
Kanshiramnagar	5.3	-81	158.9	191	73.9	22
Lalitpur	46	-8	175	244	0	-100
Mahamaya Nagar	0	-100	127	222	21.5	-58
Mahoba	19	-50	67.7	56	0	-100
Mainpuri	1.5	-96	69.5	22	18	-67
Mathura	0	-100	62.8	48	15.1	-69
Meerut	0	-100	43.2	-24	66.1	8
Moradabad	10.9	-73	58.3	-17	135	111
Muzzaffarnagar	0	-100	25.8	-57	108.8	65
Pilibhit	22.8	-45	57.1	-14	66.4	-17
Rampur	3.5	-90	29.5	-53	132.7	88
Saharanpur	0	-100	41.3	-33	208.7	172
Sambhal	0	-100	140.7	154	36.6	-36
Shahjahanpur	1.6	-96	86	47	244.9	251
Shamli	0	-100	19	-62	28	-58
Uttarakhand						
Almora	1.2	-97	27	-54	64.4	0
Bageshwar	1.7	-96	74.8	28	45.5	-29
Chamoli	0.3	-99	21.7	-55	105.4	68
Champawat	24.5	-70	68.5	-44	82.5	-25
Dehradun	35.6	-53	104.6	-5	73.4	-46
Garhwal Pauri	17.9	-69	53.9	-39	75.4	-23
Garhwal Tehri	13.7	-70	69.3	9	57.5	-34
Haridwar	17	-60	32.1	-56	169.3	106
Nainital	50	-40	94.5	-14	197.6	56
Pithorgarh	20.5	-79	108.3	-6	159.2	35
Rudraprayag	13.6	-82	69.7	-28	74.9	-38
Udham Sing Nagar	14	-73	107.2	12	169.8	86
Uttarkashi	19	-76	57.5	-37	38	-63
Bihar						
Araria	16.1	-83	180.2	64	313.6	177
Arwal	7.8	-87	60.2	16	45.2	-45
Aurangabad	14.4	-75	117.2	86	26.2	-66
Banka	41.5	-32	79.2	23	37.9	-55
Begusarai	11.1	-84	86	25	46.8	-54
Bhabua	29.1	-48	122.8	97	69.9	-20
Bhagalpur	31.5	-56	145.3	96	116	52
Bhojpur	12.3	-83	101	57	138.6	30
Buxar	0	-100	212	283	215.7	160
Darbhangha	44	-38	140.8	133	200	190

East Champaran	37.6	-51	118.9	52	352.8	327
Gaya	46.4	-29	78.8	26	30.5	-62
Gopalganj	82	17	202.5	169	310.5	232
Jahanabad	12.2	-75	73.1	24	27.1	-71
Jamui	54.4	-20	82.2	18	59.2	-28
Kathihar	29.5	-62	136.8	58	164	81
Khagadia	10.7	-86	200.7	185	92.8	9
Kishanganj	27.1	-81	128.1	-17	549.6	262
Lakhisarai	14.8	-66	129.1	122	54.9	-32
Madhepura	14.2	-78	254.4	172	173.5	85
Madhubani	16.7	-77	65	-21	317	312
Monghyar	30.2	-57	160.4	122	60	-29
Muzaffarpur	38.9	-50	137.8	88	253.3	195
Nalanda	41	-37	131.7	101	34.4	-56
Nawada	54.7	-15	81	37	21.8	-72
Patna	31.7	-50	143.9	124	79.1	-20
Purnea	86.2	-13	63.7	-46	195.5	48
Rohtas	14.1	-75	78.1	26	22.1	-72
Saharsha	9.1	-92	206	78	97.3	-15
Samstipur	25.1	-66	128.9	113	140.4	47
Saran	24.3	-67	162.7	134	270.6	208
Sheikpura	40.3	-47	91.3	36	18.3	-79
Sheohar	56.4	-37	112.6	9	263.2	348
Sitamarhi	85.6	-8	60.8	-31	367.3	433
Siwan	34.7	-50	201.3	189	437.5	354
Supaul	22.4	-69	123.3	36	284.5	205
Vaishali	35.8	-52	123.9	107	133.8	41
West Champaran	126.8	34	83.5	-21	285	187
Jharkhand						
Bokaro	40.9	-36	61.5	-14	11.2	-85
Chatra	38.8	-44	88.5	19	21.2	-71
Deoghar	48.5	-24	96.1	46	39.8	-44
Dhanbad	65.1	-10	50.1	-28	27.5	-63
Dumka	62	-12	112.8	55	65.2	-22
East Singbhum	132.9	81	62.8	-14	0	-100
Garhwa	23.4	-61	88.6	57	8.6	-90
Giridih	75.3	2	61.9	-6	23.6	-67
Godda	9.2	-85	69.4	2	47.4	-35
Gumla	105.8	29	74.7	2	8.9	-89
Hazaribagh	70	-7	103.7	41	2.1	-97
Jamtara	64.4	-14	97.5	10	94.2	14

Khunti	63	-19	23.6	-68	28	-70
Koderrna	67	5	72.1	18	12.8	-80
Latehar	57.3	-9	83	23	11	-86
Lohardagga	98.9	40	97.7	63	15	-79
Pakur	18.7	-73	74.3	-9	65.5	-37
Palamau	53.9	-1	108.8	96	30.2	-56
Ramgarh	41.3	-38	57.3	-16	11.1	-84
Ranchi	59.3	-20	62.7	-14	11	-86
Sahebganj	161.2	53	142.2	56	147.4	57
Saraikela	73.5	8	35.1	-51	0.5	-99
Simdega	92.8	1	47.9	-47	21.8	-79
West Singhbhum	89.2	29	64.3	-10	3.7	-94
East Rajasthan						
Ajmer	17	-36	118.9	368	0	-100
Alwar	1.6	-94	29.2	-7	1	-98
Banswara	32.4	-28	159.1	167	0	-100
Baran	16.8	-68	118.4	148	0	-100
Bharatpur	7	-73	102.8	201	0.6	-99
Bhilwara	37.7	-8	85	135	0	-100
Bundi	40.3	-7	103.8	165	0	-100
Chittorgarh	28.3	-34	137.6	202	0	-100
Dausa	7.8	-76	119.4	229	0	-100
Dholpur	27.8	-6	184.3	319	0	-100
Dungarpur	17.3	-51	132.7	180	0.5	-99
Jaipur	7.8	-73	58.2	111	0	-100
Jhalawar	71.3	37	125.1	136	0	-100
Jhunjhunu	18.4	-5	79.2	254	0	-100
Karauli	11.3	-60	107.7	220	0	-100
Kota	53.6	3	135.9	221	0	-100
Pratapgarh	58.8	24	210.8	289	0.6	-99
Rajsamand	32.4	-12	102.3	204	0	-100
Sawai Madhopur	31.6	-8	134.5	278	0	-100
Sikar	10.8	-47	87.9	272	0	-100
Sirohi	5.7	-84	30.2	-60	0	-100
Tonk	22.1	-31	56	72	0	-100
Udaipur	22.8	-43	82.9	95	0	-100
West Rajasthan						
Barmer	8	-32	7.8	-54	0	-100
Bikaner	2.8	-77	3.3	-78	0	-100
Churu	10	-40	45.6	115	0	-100
Hanumangarh	0.4	-97	9.9	-49	22	-9

Jaisalmer	0	-100	0	-100	0	-100
Jalore	21.4	22	17	-49	0	-100
Jodhpur	9.4	-34	13.5	-31	0	-100
Nagaur	10.4	-53	47.1	129	0	-100
Pali	15.3	-44	32.1	-14	0	-100
Sri Ganganagar	1.2	-91	1.2	-90	4.7	-75
Gujarat Region						
Ahmedabad	26.7	-52	9.8	-84	0	-100
Anand	61.2	-3	72.9	20	0	-100
Aravalli	18.7	-63	114	67	0	-100
Banaskantha	10.2	-64	25	-58	0	-100
Bharuch	127.4	91	78.5	15	7	-87
Chhota Udepur	90.1	29	159.8	114	1.3	-98
DNH	756.5	344	495.8	187	51.8	-70
Dahod	29.7	-34	102	61	0	-100
Daman	528	210	378.9	120	93.7	-47
Dangs	172.3	21	201	23	11.3	-94
Gandhinagar	2.8	-95	12.4	-82	0	-100
Kheda	20.1	-69	83.7	20	0	-100
Mahisagar	25.9	-48	96.4	63	0	-100
Mehsana	27.8	-40	6.6	-90	0.5	-99
Narmada	97.5	27	103	12	3.5	-96
Navsari	333.5	94	225.3	46	19.8	-87
Panchmahal	69.4	22	129	84	0	-100
Patan	31.4	0	5.7	-88	0	-100
Sabarkantha	6.2	-89	49.4	-34	0	-100
Surat	148.8	25	117	0	14.4	-87
Tapi	38.6	-70	141.4	26	13.8	-86
Vadodara	79.8	11	78.6	9	0.4	-99
Valsad	514.8	185	389.3	113	63.5	-65
S K & Diu region						
Amreli	50.3	-12	9.8	-78	0.2	-99
Bhavnagar	75.8	45	22	-50	0.3	-99
Botad	71	33	20.3	-51	0	-100
Devbhoomi Dwarka	0.3	-99	0	-100	0.1	-99
Diu	9.2	-86	8.5	-88	0	-100
Gir Somnath	41.1	-56	7.1	-90	0	-100
Jamnagar	14.8	-72	5.5	-86	0	-100
Junagarh	12.2	-86	11.1	-85	0	-100
Kutch	1.5	-93	0.1	-99	0.3	-99
Morbi	7.4	-83	10.8	-73	0	-100

Porbandar	1	-99	0.2	-99	1.1	-98
Rajkot	24.1	-52	5.1	-89	0	-100
Surendranagar	22.8	-56	37.1	-5	0	-100
Maharashtra						
Konkan & Goa						
Mumbai City	488.3	168	200	6	158	14
Mumbai Suburban	836.9	323	314.7	55	100.1	-40
North Goa	401.9	46	206.4	-12	484.7	99
Raigad	730	156	394.3	46	282.3	13
Ratnagiri	549.6	92	325.3	26	401.6	75
Sindhudurg	561.6	117	250.7	14	387.8	80
South Goa	366.3	48	176.3	-17	494	106
Thane	679.9	225	372.3	69	160.5	-25
Madhya Maharashtra						
Ahmednagar	36.1	30	26.8	22	13.9	-28
Dhule	52	21	42.4	9	1.3	-96
Jalgaon	82.2	89	53	21	8.8	-77
Kolhapur	257.8	75	306.7	91	181.8	30
Nandurbar	27	-61	119.8	72	3.7	-95
Nasik	121.6	94	175.2	158	51.4	-18
Pune	195	198	195	158	115	88
Sangli	35	16	41.9	29	15.9	-40
Satara	110.5	63	147.7	107	54.2	-11
Solapur	12.8	-43	4.8	-72	6.2	-67
Marathwada						
Aurangabad	52.2	53	31.5	2	18.5	-39
Beed	20.8	-32	9.6	-66	13.2	-42
Hingoli	37.2	-35	46.6	0	16.2	-66
Jalna	90.3	147	9.4	-73	16.4	-48
Latur	29.9	-23	12.2	-71	15.6	-57
Nanded	54	3	20.7	-58	26.2	-47
Osmanabad	19.1	-32	9.7	-68	19.1	-13
Parbhani	51.7	7	11.5	-74	26.5	-30
Vidarbha						
Akola	77.9	81	44.5	-9	0	-100
Amraoti	67.7	34	52.8	-14	0.6	-99
Bhandara	187.6	146	38.3	-51	14.4	-85
Buldhana	118.1	161	44.4	4	0.5	-99
Chandrapur	141.1	94	77.6	1	13.3	-84
Gadchiroli	131.6	66	140.5	60	13.2	-88
Gondia	152.6	90	66.3	-29	1.6	-98

Nagpur	162.8	176	29.8	-58	1.2	-98
Wardha	102.5	96	41.1	-31	0.7	-99
Washim	71.1	29	45.4	-12	0.7	-99
Yeotmal	65.3	26	37.8	-33	2	-96
Odisha						
Angul	90	44	42.8	-34	2.2	-97
Balasore	80.7	11	9.3	-85	25.8	-61
Bargarh	131.5	88	104	29	16.9	-81
Bhadrak	124.7	115	36.6	-33	6.6	-89
Bolangir	74.9	1	54.8	-38	10.5	-89
Boudh	123.4	97	19.9	-73	3.3	-95
Cuttack	127.2	65	99.5	59	25.5	-62
Deogarh	99.8	32	51.4	-45	1.8	-98
Dhenkanal	112.3	52	46.9	-20	14.7	-79
Gajapati	31.7	-53	38.6	-20	13.6	-81
Ganjam	31.9	-35	28.2	-32	45.7	-18
Jagatsingpur	89.5	37	71.4	44	8.1	-87
Jajpur	132.4	63	26.8	-57	7.8	-91
Jharsuguda	116	50	72.3	-8	17.8	-79
Kalahandi	63	-9	98.5	15	22.7	-76
Kandhamal	63.3	-11	46.1	-41	6.6	-92
Kendrapara	87.3	26	95.9	121	6.8	-87
Keonjhar	65.6	-9	37	-40	19.4	-72
Khurda	101.3	48	47.6	-10	38	-51
Koraput	58.5	-21	152.9	102	27.2	-68
Malkangiri	48	-29	115	52	14.6	-82
Mayurbhanj	102.1	25	19.4	-70	19.4	-72
Nawapara	68.7	0	76.5	-4	3	-96
Nawarangpur	78	-9	105.2	35	34.6	-61
Nayagarh	99.5	70	27.3	-62	35.8	-51
Puri	101.9	38	38	-7	5.2	-91
Rayagada	20.5	-67	92.7	54	12.3	-83
Sambalpur	113	49	96.6	4	2.5	-97
Sonepur	102.2	31	75.2	-7	4.8	-94
Sundargarh	99.4	24	39.7	-54	14.7	-83
West Bengal, Andaman & Nicobar Islands						
A & N ISLAND						
Nicobar	12.7	-79	1.2	-98	44.9	-18
North & Middle Andaman	68.5	-23	23.9	-75	67.7	-35
South Andaman	79.2	-19	4.9	-94	10.1	-91
GWB						

Bankura	27.4	-64	37.1	-56	9.5	-87
Birbhum	36.8	-46	64.5	-15	68.5	-22
Burdwan	39.2	-45	57.6	-6	18.1	-72
East Midnapore	66.4	-3	16.5	-80	0.9	-99
Hooghly	81.3	5	47	-31	11	-81
Howrah	7.2	-92	1.6	-98	0	-100
Kolkata	37.9	-58	3.2	-96	54.4	-36
Murshidabad	52.3	-15	55.1	-35	67.4	-9
Nadia	35.8	-44	54.2	-22	56.8	-7
24 Pargana (N)	68	-21	35.7	-51	20.9	-73
Purulia	56.1	-22	71.7	-6	14.1	-78
24 Pargana (S)	98.9	-1	34.2	-66	2.7	-97
West Midnapore	60.1	-20	69.9	-3	30.9	-55
SHWB & Sikkim						
Cooch Behar	50.3	-74	234.9	4	379	105
Darjeeling	53.4	-75	300.7	66	354.5	95
East Sikkim	49.2	-60	188.6	67	203.8	85
Jalpaiguri	93.8	-59	233.2	-6	469.5	153
Malda	10.8	-85	52.8	-29	147.5	83
North Dinajpur	7.3	-92	0	-100	114.5	-17
North Sikkim	115.8	7	104	24	235.5	172
South Dinajpur	56.6	-30	62.6	-25	114.9	27
South Sikkim	35.8	-78	133	-7	162.3	25
West Sikkim	56.9	-46	182	73	227	99
Karnataka						
Coastal Karnataka						
Dakshina Kannada	138.8	-51	197.5	-21	137.3	-51
Udupi	234.5	-24	333.3	19	242.7	-24
Uttara Kannada	250.4	4	261.6	23	302.2	29
N I Karnataka						
Bagalkote	10.9	-22	16.6	26	10.8	-15
Belagavi	82	79	85.5	105	53.1	33
Bidar	25.9	-25	6.5	-82	18.5	-52
Dharwad	70.1	88	63.6	71	29.1	-24
Gadag	26.3	69	29.2	131	13.1	-26
Haveri	51.4	38	46.5	32	45.6	20
Kalaburgi	20.3	-22	8.1	-72	17.6	-35
Koppal	6.5	-43	11.2	16	29.6	52
Raichur	5.1	-70	8.2	-59	38.5	58
Vijayapura	4.8	-73	6.6	-60	11.6	-34
Yadgir	20.5	-11	6.8	-73	54.8	85

SI Karnataka						
Ballari	12.5	-9	19.4	64	23.3	26
Bangalore Rural	0	-100	4.6	-70	14.1	-44
Bangalore Urban	1.7	-80	5.9	-68	6.3	-71
Chamarajanagar	0	-100	8.3	-38	6.8	-49
Chikaballapur	5.6	-37	4	-74	17.7	-28
Chikkamagaluru	87.1	-36	226	53	32.3	-76
Chitradurga	15	95	9.2	-15	3.4	-77
Davangere	33.1	68	21.7	4	28.1	6
Hassan	17.6	-60	47.7	-4	11.2	-78
Kodagu	78.1	-62	238.7	25	46.7	-77
Kolar	0.2	-97	4	-72	8.7	-49
Mandya	0.5	-91	10.3	6	21.1	49
Mysuru	1.8	-91	29.8	28	11.9	-47
Ramanagara	0.3	-97	4.2	-77	8.2	-63
Shivamogga	112.7	-16	239.3	76	61.3	-57
Tumakuru	9.1	16	6.9	-48	11.7	-40
Kerala & Mahe						
Alappuzha	1.4	-99	63.7	-54	37	-72
Kannur	28	-88	219.5	-3	133.2	-41
Ernakulam	4.8	-97	99	-38	52.8	-66
Idukki	41.5	-81	89.7	-56	9.6	-95
Kasaragod	11	-96	199.7	-11	151.7	-39
Kollam	4	-95	75.4	-21	17.3	-81
Kottayam	12.8	-92	90.4	-41	63.6	-56
Kozhikode	21.2	-91	216	3	69	-70
Mahe	12.8	-94	178.2	-18	106	-51
Malappuram	56.8	-69	170.7	1	51	-74
Palakkad	42	-70	163.3	30	28.5	-79
Pathanamthitta	3.5	-97	59.4	-53	6.1	-95
Thiruvananthapuram	1.7	-97	36.1	-33	8.4	-85
Thrissur	11	-94	121.6	-35	65.6	-65
Wayanad	42.3	-83	211.1	-12	34.2	-87
Tamil Nadu						
Ariyalur	0	-100	26.5	215	30.4	96
Chennai	35.3	120	3.7	-80	53.9	67
Coimbatore	2.1	-96	18.4	-63	3.6	-93
Cuddalore	0.2	-98	13.3	26	23.3	46
Dharmapuri	0	-100	2.4	-83	30.4	75
Dindigul	0	-100	0.4	-97	1.7	-85
Erode	0	-100	0.3	-98	9	-22

Kanchipuram	20.8	51	9.2	-46	34.1	16
Kanyakumari	1.7	-95	48	77	4.5	-83
Karaikal	30.2	303	0	-100	22.2	111
Karur	0	-100	0	-100	1.4	-89
Krishnagiri	0	-100	1.8	-87	18.2	24
Madurai	0	-100	3.6	-71	17.4	17
Nagapattinam	0	-100	6.8	-11	7.7	-47
Namakkal	0	-100	0	-100	3.1	-77
Nilgiris	11	-83	44.6	-27	40.3	-39
Perambalur	0	-100	0	-100	14	67
Puducherry	0.9	-86	30.6	162	74.9	620
Pudukottai	0	-100	15.7	12	7.5	-63
Ramanathapuram	0	-100	0.1	-98	8	40
Salem	0	-100	3.1	-83	21.3	5
Sivaganga	0	-100	17.1	11	13.9	-22
Thanjavur	0.2	-94	6.9	-43	14.9	7
Theni	4.7	-44	5.4	-55	4.1	-63
Tirunelveli	1	-86	3.8	-51	0.9	-88
Tirupur	0	-100	3	-55	1.9	-62
Tiruvallur	15.2	-13	5	-72	50.4	67
Tiruvannamalai	6	-19	1.8	-89	100.2	379
Tiruvarur	1.2	-77	7.1	-30	15.3	29
Toothukudi	0	-100	0	-100	0.2	-92
Trichy	0	-100	0.3	-97	5.5	-53
Vellore	8.5	-29	0.1	-99	71.8	186
Villupuram	3.1	-68	2.4	-80	53	221
Virudhunagar	0	-100	0	-100	10	43
Andhra Pradesh						
Coastal A P & Yanam						
East Godavari	39	-2	28.1	-33	39.7	-16
Guntur	7.3	-70	2.8	-91	47.2	44
Krishna	23.5	-36	8.1	-80	71.9	72
Nellore	6.4	-57	4.9	-70	26.9	17
Prakasam	10.7	-35	6.5	-65	15.4	-25
Sirkakulam	18.2	-57	30.3	-8	32.8	-30
Visakhapatnam	16.3	-51	26	-18	11.5	-69
Vizianagram	11.9	-73	33.8	-7	26.4	-29
West Godavari	23.4	-45	25.8	-49	42.6	-16
Yanam	16.4	-57	10.6	-73	44.6	-7
Royalaseema						
Anantapur	2.8	-63	1.2	-90	10.2	-43

Chittoor	7	-42	1.3	-93	50.7	93
Cuddapah	7.6	-35	1.1	-94	16.6	-29
Kurnool	8.5	-50	4.2	-82	9.8	-63
Telangana						
Adilabad	84.5	66	49	-24	34.5	-49
B. Kothagudem	45.5	11	32.4	-47	36.2	-47
Hyderabad	5.2	-81	8.5	-75	26.7	-25
J. Bhupalpally	65.2	20	73.6	0	26.9	-72
Jagtial	50.6	2	29.4	-43	21	-64
Jangaon	31.2	-23	34.9	-35	12.2	-78
Jogulamba Gadwal	8.5	-44	1.6	-93	14.7	-46
Kamareddy	45.9	-12	28	-39	41	-26
Karimnagar	50	3	31	-31	9.3	-81
Khammam	5.6	-85	6.9	-87	35.7	-38
Kumaram Bheem	88.3	50	94.5	66	27.1	-61
M. Malkajgiri	36.2	16	12.3	-61	40.2	9
Mahabubabad	15.1	-59	15.4	-69	47.2	-20
Mahabubnagar	27.4	12	10.4	-68	26.2	-14
Mancherial	48.7	-16	60.9	-11	9.8	-86
Medak	37.2	-11	41.5	-12	18.3	-60
Nagarkurnool	12.2	-53	5.2	-83	33.3	15
Nalgonda	0.8	-96	1.7	-94	13.9	-50
Nirmal	51.3	9	17.8	-69	9.5	-85
Nizamabad	77.5	43	27.1	-52	56.8	-6
Peddapalle	30.4	-50	54.4	-14	22.3	-65
Ranjanna Sircilla	52.9	3	27.9	-33	15.8	-65
Rangareddy	8.3	-68	11.7	-61	18	-43
Sangareddy	25.4	-29	8.8	-77	9.3	-79
Siddipet	36.4	4	34.9	-5	10.9	-73
Suryapet	9.3	-66	3.6	-91	37.4	2
Vikarabad	20	-43	14	-71	9.8	-76
Wanaparthy	24.8	-9	3.4	-90	45	51
Warangal_Rural	49.1	0	47.9	-23	19.7	-71
Warangal_Urban	80.6	77	40	-22	16.5	-66
Y. Bhuvangiri	1	-96	4.6	-85	17.2	-42

