

Report on Scarcity Conditions in Maharashtra State due to less rainfall during June 2014

- The rainfall condition was good during last year. Correspondingly, there was increase in Ground Water level . Based on the situation of rainfall & Ground Water level during last year, It has been predicted during this year that scarcity conditions will be observed in 2431 villages from 100 blocks. There are 9 measures which are proposed under Scarcity Action Plan through district Collectors. As on 21.06.2014, out of 8634 borewell sites, the survey work is completed for 8121 sites and 4295 sites are found feasible for borewells. Out of this, 1786 borewells are drilled. 1095 Hand pumps & 18 power pumps are installed on 1541 successful borewells. Works are in progress in other places & 264 private drilling rigs are available with Zilla Parishads.

During last year, 5060 tankers were deployed in the month June 2013.. As on 17 June 2014, 1393 tankers have been deployed in 1405 villages & 3436 habitations.

- Ground water study for the month May 2014 :

The study has been done in May 2014 regarding Ground Water levels.

Accordingly, 2014 villages in 136 blocks have been identified for scarcity conditions.

Sr. No.	Category	No.of Districts	No. of Blocks	No. of Villages
1	Less rainfall (> 20%)	4	5	81
2	Less rainfall (0 to 20%)	15	35	546
3	Less rainfall	27	96	1387
Total			136	2014

- Rainfall 2014 :

In Maharashtra State, the rainfall is during \$ months, June, July, August & September & it helps for improvement in Water Level. Hence, drinking water shortage is not observed. As per Survey of Agriculture Department, there is 21% to 52 % rainfall up to 23.06.2014. Comparing with Average Rainfall, the region wise % of rainfall is as below :

Konkan Region : 32.80 %

Nashik Region- 21.40 %

Pune Region- 52.40%

Aurangabad Region- 25.10%

Amravati Region – 25.70%

Nagpur Region – 31.20 %

Due to lesser rainfall the drinking water shortage will be observed during June 2014 in 136 blocks, where water level was depleted in May 2014. In other blocks also drinking water shortage will be observed to some extent. (excluding Konkan & Nagpur Regions)

Statement Showing Bore well Survey under Scarcity Program as on 21.06.2014

Sr. No.	District	Proposed Program			Available Geologist			No. of Bore well site Surveyed			Feasible Bore well Sites after Survey			Proforma B for No. of Bore well sites Submitted to The Collector	Sanctioned Program by the Collector			No. of Bore well Drilled			No. of Successful Bore well	Deep Water Level	Installation of		Available drilling Machines		Remaini ng Program for Survey of BW/Tube wells
		Village	Habitatio ns	Bore well / Tube Well	GSDA	ZP	Private	Vill.	Hab.	BW/Tu be Well	Vill.	Hab.	BW/Tu be Well		Vill.	Hab.	BW / Tube Well	Vill.	Hab.	BW / Tube Well			BW / Tube Well	Hand pump	Power Pump	Govt	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	Thane	199	394	593	4	1	0	199	394	593	150	221	371	371	141	227	368	107	170	277	196	23	150	0	0	9	0
2	Raigad	228	552	780	3	2	0	125	331	456	79	216	295	232	51	125	176	16	32	48	36	3	2	0	0	2	324
3	Ratnagiri	0	163	163	2	0	0	0	163	163	0	126	126	79	0	46	46	0	36	36	27	0	22	5	0	4	0
4	Sindhurg	0	486	486	2	1	0	0	355	355	0	248	248	226	0	186	186	0	95	95	82	0	42	1	0	5	131
Kokan Region Total		427	1595	2022	11	4	0	324	1243	1567	229	811	1040	908	192	584	776	123	333	456	341	26	216	6	0	20	455
5	Nashik	326	148	474	4	1	0	326	148	474	185	72	276	273	0	0	0	0	0	0	0	0	0	0	1	5	0
6	Dhule	20	7	51	2	1	0	20	7	51	1	2	12	12	1	1	11	1	1	2	1	0	1	0	1	2	0
Supplementary		18	39	73	0	0	0	18	39	73	15	38	69	56	13	30	56	10	23	43	19	0	11	0	0	0	0
7	Nandurbar	8	24	62	3	1	0	8	24	62	8	24	62	62	8	24	62	8	24	61	58	0	40	0	0	5	0
8	Jalgaon	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
9	Ahmednagar	201	490	695	4	1	0	201	490	695	143	307	450	622	110	130	240	86	113	199	197	7	149	0	1	6	0
Nashik Region		573	708	1355	16	4	0	573	708	1355	352	443	869	1025	132	185	369	105	161	305	275	7	201	0	3	24	0
10	Pune	114	598	712	1	1	4	114	598	712	31	252	283	283	31	252	283	8	252	260	213	0	208	0	1	17	0
11	Satara	77	249	324	1	1	0	75	249	324	17	125	142	54	0	53	53	0	33	33	32	0	0	0	1	7	0
12	Sangli	15	65	80	2	1	0	12	65	80	3	8	11	11	3	8	11	0	0	0	0	0	0	0	0	5	0
13	Solapur	136	350	486	3	1	0	136	350	486	25	149	174	174	0	73	73	0	28	28	28	0	7	0	1	3	0
14	Kolhapur	63	230	293	2	2	0	63	230	293	34	105	139	38	4	13	17	3	13	16	12	4	6	2	0	4	0
Pune Region Total		405	1492	1895	9	6	4	400	1492	1895	110	639	749	560	38	399	437	11	326	337	285	4	221	2	3	36	0
15	Aurangabad	315	0	552	3	2	0	315	0	552	132	0	239	234	102	0	150	79	0	120	101	5	85	0	2	5	0
16	Jalna	28	14	42	3	2	0	28	14	42	23	0	23	18	0	0	0	0	0	0	0	0	0	0	0	13	0
17	Parbhani	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Hingoli	174	0	179	1	2	0	174	0	179	35	0	40	25	0	0	0	0	0	0	0	0	0	0	0	7	0
19	Nanded	394	129	538	3	2	0	394	129	538	293	82	389	352	262	69	352	117	23	148	146	24	30	5	1	13	0
20	Latur	148	36	197	2	1	0	148	36	197	66	0	68	33	26	2	29	19	0	20	19	2	11	0	1	5	0
21	Osmanabad	212	6	283	2	2	0	212	6	283	90	0	90	61	16	20	41	15	14	37	29	16	8	5	1	3	0
22	Beed	101	271	372	5	1	0	101	271	372	42	121	163	148	19	105	130	10	84	97	90	7	63	0	1	7	0
A.Bad Region Total		1372	456	2163	22	12	1	1372	456	2163	681	203	1012	871	425	196	702	240	121	422	385	54	197	10	6	53	0
23	Amravati	186	0	217	4	1	0	186	0	183	37	0	51	41	29	0	29	13	0	13	12	0	0	0	1	7	34
24	Akola	8	0	9	4	1	0	6	0	9	8	0	9	9	8	0	9	5	0	6	6	0	6	0	0	12	0
25	Washim	31	0	31	3	1	0	31	0	31	31	0	31	31	28	0	28	28	0	28	28	0	28	0	0	2	0

26	Buldhana	209	0	287	4	1	0	208	0	277	40	0	56	40	35	0	49	14	0	14	14	3	10	0	1	12	10
27	Yavatmal	47	0	47	3	2	0	47	0	47	27	0	27	27	27	0	27	10	0	10	10	0	6	0	0	6	0
Amravati Region		481	0	591	18	6	0	478	0	547	143	0	174	148	127	0	142	70	0	71	70	3	50	0	2	39	44
28	Nagpur	124	0	149	4	3	0	124	0	149	117	0	142	149	109	0	136	65	0	85	82	0	55	0	2	23	0
Supplementary		69	0	105	0	0	0	55	0	91	54	0	90	90	38	0	68	0	0	0	0	0	0	0	0	0	14
29	Wardha	21	0	28	3	2	0	21	0	28	19	0	25	25	19	0	25	5	0	11	11	0	11	0	0	13	0
30	Bhandara	49	0	70	3	3	0	49	0	70	18	0	26	18	18	0	26	13	0	20	20	0	20	0	1	20	0
Supplementary		8	0	12	0	0	0	8	0	12	4	0	6	4	2	0	3	3	0	3	3	0	3	0	0	0	0
31	Chandrapur	164	0	168	4	3	0	164	0	168	106	0	106	127	78	0	93	48	0	60	54	1	45	0	0	13	0
32	Gadchiroli	3	3	6	3	2	0	3	3	6	3	3	6	6	3	3	6	3	3	6	5	0	0	0	0	15	0
33	Gondia	59	10	70	2	3	0	59	10	70	42	7	50	50	42	7	50	10	0	10	10	0	0	0	0	8	0
Nagpur Region		497	13	608	19	16	0	483	13	594	363	10	451	469	309	10	407	147	3	195	185	1	134	0	3	92	0
Grand Total		3755	4264	8634	95	48	5	3630	3912	8121	1878	2106	4295	3981	1223	1374	2833	696	944	1786	1541	95	1019	18	17	264	513

Statement Showing groundwater depletion observed in May 2014

i) Rainfall deficit > 20 % and Groundwater level depletion > 1 m

S.N.	District	Taluka	No.of villages having Groundwater level depletion			
			> 3 m	2 to 3 m	1 to 2 m	Total (> 1 m)
1	AURANGABAD	KHULDABAD	0	0	23	23
2	BEED	SHIRUR-KASAR	0	0	14	14
3	KOLHAPUR	HATKANANGALE	0	0	3	3
4	KOLHAPUR	RADHANAGARI	0	0	11	11
5	OSMANABAD	BHUM	0	0	30	30
		Total	0	0	81	81

ii) Rainfall deficit 0 to 20 % and Groundwater level depletion > 1 m

S.N.	District	Taluka	No.of villages having Groundwater level depletion			
			> 3 m	2 to 3 m	1 to 2 m	Total (> 1 m)
1	AHMEDNAGAR	KOPARGAON	3	8	49	60
2	AHMEDNAGAR	NEVASA	0	2	8	10
3	AHMEDNAGAR	SANGAMNER	4	9	56	69
4	AURANGABAD	GANGAPUR	1	1	47	49
5	AURANGABAD	PAITHAN	1	10	16	27
6	BEED	ASHTI	0	8	11	19
7	BEED	GEORAI	0	1	7	8
8	JALGAON	JAMNER	0	0	1	1
9	JALGAON	RAVER	7	0	3	10
10	JALNA	BADNAPUR	0	2	2	4
11	KOLHAPUR	PANHALA	0	0	2	2
12	KOLHAPUR	SHIROL	1	0	3	4
13	LATUR	AUSA	0	0	5	5
14	NANDED	BILOLI	0	0	5	5
15	NANDED	NAIGAON	0	0	10	10
16	NASHIK	DEOLA	0	0	3	3
17	NASHIK	KALWAN	0	0	23	23
18	NASHIK	TRIMBAKESHWAR	0	1	5	6
19	NASHIK	YEVLA	0	0	12	12
20	OSMANABAD	KALAMB	0	5	31	36
21	OSMANABAD	OSMANABAD	0	0	1	1
22	OSMANABAD	PARANDA	5	7	7	19
23	OSMANABAD	TULJAPUR	0	0	6	6
24	OSMANABAD	UMARGA	0	1	6	7
25	OSMANABAD	WASHI	7	9	15	31
26	PUNE	VELHE	0	0	8	8
27	SANGLI	JAT	3	2	6	11
28	SANGLI	KAVATHE-MAHANKAL	0	0	2	2
29	SATARA	KARAD	0	0	1	1
30	SATARA	KOREGAON	0	0	5	5
31	SATARA	MAN	0	0	6	6
32	SOLAPUR	BARSHI	2	2	2	6
33	SOLAPUR	KARMALA	5	7	33	45
34	SOLAPUR	MOHOL	0	3	12	15
35	THANE	VIKRAMGAD	0	5	15	20
		Total	39	83	424	546

iii) No Rainfall deficit and Groundwater level depletion > 1 m

S.N.	District	Taluka	No.of villages having Groundwater level depletion			
			> 3 m	2 to 3 m	1 to 2 m	Total (> 1 m)
1	AHMEDNAGAR	AKOLE	0	0	2	2
2	AHMEDNAGAR	JAMKHED	0	0	3	3
3	AHMEDNAGAR	KARJAT	3	3	10	16
4	AHMEDNAGAR	NAGAR	0	7	29	36
5	AHMEDNAGAR	PARNER	0	0	8	8
6	AHMEDNAGAR	PATHARDI	0	3	6	9
7	AHMEDNAGAR	RAHATA	0	0	10	10
8	AHMEDNAGAR	RAHURI	0	0	1	1
9	AHMEDNAGAR	SHEVGAON	0	15	23	38
10	AHMEDNAGAR	SHRIRAMPUR	0	1	2	3
11	AKOLA	BALAPUR	3	3	4	10
12	AKOLA	TELHARA	23	13	7	43
13	AMRAVATI	CHANDUR BAZAR	0	0	1	1
14	AMRAVATI	MORSHI	0	0	1	1
15	AURANGABAD	AURANGABAD	13	47	44	104
16	AURANGABAD	FULAMBRI	0	1	6	7
17	AURANGABAD	KANNAD	9	7	28	44
18	AURANGABAD	VAIJAPUR	12	12	29	53
19	BEED	AMBEJOGAI	0	1	1	2
20	BEED	BEED	0	8	37	45
21	BEED	KAJI	0	3	19	22
22	BEED	PARLI	0	0	1	1
23	BEED	PATODA	0	0	1	1
24	BHANDARA	MOHADI	0	0	5	5
25	BHANDARA	PAUNI	0	0	9	9
26	BULDHANA	JALGAON-JAMOD	0	0	4	4
27	BULDHANA	MALKAPUR	0	0	3	3
28	BULDHANA	SANGRAPUR	4	1		5
29	CHANDRAPUR	BHADRAVATI	7	12	3	22
30	CHANDRAPUR	CHANDRAPUR	0	0	2	2
31	DHULE	DHULE	4	4	8	16
32	DHULE	SAKRI	0	4	12	16
33	DHULE	SHINDKHEDE	0	1	8	9
34	DHULE	SHIRPUR	0	1		1
35	GONDIA	TIRORA	0	0	1	1
36	JALGAON	AMALNER	4	6	7	17
37	JALGAON	BODWAD	0	3	5	8
38	JALGAON	CHALISGAON	0	0	1	1
39	JALGAON	CHOPDA	1	0	2	3
40	JALGAON	JALGAON	0	2	4	6
41	JALGAON	PAROLA	0	0	1	1
42	JALGAON	YAWAL	0	3	1	4
43	JALNA	AMBAD	0	1	19	20
44	KOLHAPUR	BAVDA	0	0	2	2
45	LATUR	LATUR	0	0	9	9
46	NAGPUR	HINGNA	0	10	10	20
47	NAGPUR	KAMPTEE	1	4	2	7
48	NAGPUR	KATOL	0	3	1	4
49	NAGPUR	MOUDA	0	0	5	5
50	NAGPUR	NAGPUR (RURAL)	4	5	9	18
51	NANDED	DHARMABAD	0	0	10	10
52	NANDED	LOHA	0	0	1	1
53	NANDED	MUDKHED	0	0	2	2

iii) No Rainfall deficit and Groundwater level depletion > 1 m

S.N.	District	Taluka	No.of villages having Groundwater level depletion			
			> 3 m	2 to 3 m	1 to 2 m	Total (> 1 m)
54	NASHIK	BAGLAN	0	0	24	24
55	NASHIK	CHANDVAD	0	2	6	8
56	NASHIK	DINDORI	0	0	13	13
57	NASHIK	IGATPURI	0	0	2	2
58	NASHIK	MALEGAON	0	0	7	7
59	NASHIK	NANDGAON	0	0	13	13
60	NASHIK	NASHIK	0	0	4	4
61	NASHIK	NIPHAD	2	3	10	15
62	NASHIK	SINNAR	3	12	23	38
63	PARBHANI	GANGAKHED	0	1	1	2
64	PARBHANI	JINTUR	0	0	2	2
65	PARBHANI	SELU	0	0	1	1
66	PUNE	AMBEGAON	0	0	23	23
67	PUNE	BARAMATI	4	10	16	30
68	PUNE	BHOR	1	3	10	14
69	PUNE	DAUND	0	2	3	5
70	PUNE	HAVELI	5	20	21	46
71	PUNE	INDAPUR	35	18	29	82
72	PUNE	JUNNAR	0	8	28	36
73	PUNE	KHED	0	1	31	32
74	PUNE	MAWAL	0	0	6	6
75	PUNE	MULSHI	1	2	5	8
76	PUNE	PUNE CITY	0	0	1	1
77	PUNE	PURANDHAR	1	2	7	10
78	PUNE	SHIRUR	0	1	3	4
79	RAIGAD	KARJAT	5	8	6	19
80	RAIGAD	PANVEL	0	0	5	5
81	SANGLI	ATPADI	0	0	1	1
82	SATARA	KHATAV	0	3	27	30
83	SATARA	PHALTAN	1	0	1	2
84	SOLAPUR	MADHA	7	9	18	34
85	SOLAPUR	MALSHIRAS	7	2	3	12
86	SOLAPUR	SANGOLE	0	1	11	12
87	THANE	BHIWANDI	0	2	27	29
88	THANE	DAHANU	0	1	32	33
89	THANE	MURBAD	0	0	22	22
90	THANE	PALGHAR	10	15	6	31
91	THANE	VADA	0	0	3	3
92	WARDHA	ASHTI	0	0	5	5
93	WARDHA	KARANJA	2	3	0	5
94	WASHIM	MALEGAON	0	0	2	2
95	YAVATMAL	MAHAGAON	0	0	7	7
96	YAVATMAL	WANI	10	4	4	18
		Total	182	317	888	1387

Districtwise Rainfall as on 23-6-2014

(Rainfall in mm.)

Sr. No.	District	Normal Rainfall	Progressive upto 23.6.2014	% To Normal
1	Thane	337.4	80.1	23.7
2	Raigad	498.8	70.8	14.2
3	Ratnagiri	627.1	290.3	46.3
4	Sindudurg	700.6	330.1	47.1
	Konkan Region	541.0	192.8	32.8
5	Nashik	118.4	14.1	11.9
6	Dhule	89.5	23.5	26.3
7	Nandurbar	94.9	13.4	14.1
8	Jalgaon	99.7	19.7	19.8
9	Ahmednagar	77.7	27.3	35.1
	Nashik Region	96.0	19.6	21.4
10	Pune	107.3	30.4	28.3
11	Solapur	78.2	32.8	41.9
12	Satara	114.5	67.4	58.9
13	Sangli	65.3	63.2	96.8
14	Kolhapur	259.0	95.7	37.0
	Pune Region	124.8	57.9	52.6
15	Aurangabad	100.7	18.9	18.8
16	Jalna	106.5	13.2	12.4
17	Beed	98.1	30.9	31.5
18	Latur	111.6	45.1	40.4
19	Osmanabad	125.2	33.3	26.6
20	Nanded	126.3	25.9	20.5
21	Parbhani	97.1	33.5	34.5
22	Hingoli	129.2	20.6	15.9
	Aurangabad Region	111.8	27.7	25.1
23	Buldana	108.7	19.4	17.8
24	Akola	103.7	15.5	15.0
25	Washim	125.7	42.2	33.6
26	Amravati	111.9	52.0	46.5
27	Yavatmal	134.8	21.1	15.7
	Amravati Region	117.0	30.0	25.7
28	Wardha	131.4	42.7	32.5
29	Nagpur	132.9	56.0	42.1
30	Bhandara	150.2	47.3	31.5
31	Gondia	153.7	68.6	44.6
32	Chandrapur	142.5	11.2	7.9
33	Gadchiroli	155.8	44.5	28.6
	Nagpur Region	144.4	45.1	31.2

(Source - Agriculture Department, GoM)

Progress report on drinking water mitigation activities 2014

Name of the State : MAHARASHTRA

Report as on :

S. No.	Activities	Work planned as per contingency plan		Work done in drought notified habitations/ areas		Work done in non-notified drought habitations/ areas	
		Habitation (Nos)	Activity	Habitations (Nos)	Activity	Habitations (Nos)	Activity
1	Total no. of habitations affected by drinking water scarcity	17733		2680		4672	
2	No. of tube wells/bore wells deepened						
	(A) Deepening (no. of wells)	734	719	54	26	57	55
	(B) Rejuvenation, repair, replacement of pumping machinery, augmentation of source, modification, ancillary work, etc. –(in nos.)	407		0		23	
	(C) Rejuvenation/ repair of hand pumps (Nos.)	2905		0		2750	
3	No. of tube wells/ bore wells	Habitation (Nos)	Bores/ Wells	Habitation (Nos)	Bores/ Wells	Habitation (Nos)	Bores/ Wells
	(A) Bore with hand pumps	6311	6585	324	378	1300	1225
	(B) Bore wells with mini power pump schemes	0	0	0	0	2	2
	(C) Deep tube wells	50	58	0	0	9	9
	(D) Construction of new wells	0	0	0	0	0	0
4	No. of tankers deployed to transport drinking water	Habitation (Nos)	Tanker	Habitation (Nos)	Tanker	Habitation (Nos)	Tanker
	(A) Tanker supply (daily	7704	2815	2086	785	2770	513
	(B) Water transported daily (lakh liter)	4552.86		644.94		1914.61	
5	Transportation of water through train wagons (Vol. of water transported daily in lakh litre)	Habitation (Nos)	No. of rakes/ vol. of water	Habitation (Nos)	No. of rakes / Vol. of water	Habitation (Nos)	No. of rakes/ Vol. of water
	i.) route and date of starting	0	0	0	0	0	0
6	Total funds utilised for drinking water supply in rural areas with drought like situation. (Rs. in lakh)	20094.64		1705.52		2589.58	