

GOVERNMENT OF INDIA  
MINISTRY OF AGRICULTURE & FARMERS' WELFARE  
DEPARTMENT OF AGRICULTURE & FARMERS' WELFARE

**LOK SABHA**  
**UNSTARRED QUESTION NO.2679**

TO BE ANSWERED ON THE 14<sup>TH</sup> DECEMBER, 2021

**AREA UNDER PMKSY-PDMC**

2679. COL. RAJYAVARDHAN RATHORE:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

(a) the total area covered by micro-irrigation under Pradhan Mantri Krishi Sinchayee Yojana-Per Drop More Crop (PMKSY-PDMC) for the State of Rajasthan, district-wise;

(b) whether any steps have been taken to encourage public private-partnership under the scheme, if so, details thereof and their results;

(c) whether there have been improvements in the groundwater levels of States and districts under the scheme, if so, the details thereof, State-wise and district-wise including Rajasthan; and

(d) whether any focused steps have been taken to encourage micro-irrigation in districts with exploited levels of groundwater, if so, the details thereof, State-wise and district-wise including Rajasthan?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a): The Per Drop More Crop component of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY-PDMC) scheme is operational in the country, including Rajasthan, from 2015-16 and an area of 3.61 lakh ha has been covered under Micro Irrigation in the State of Rajasthan so far. District-wise details are at **Annexure-I**.

(b): A Micro Irrigation Fund (MIF) with corpus of Rs. 5000 Crore has been created with NABARD during 2018-19 to facilitate the States in mobilizing the resources to provide top up/ additional incentives to farmers for incentivising micro irrigation beyond the assistance available under PMKSY-PDMC. States may also access MIF exclusively for innovative integrated projects depending on State specific requirements, including Public Private Partnership for enhancing Micro Irrigation coverage.

(c): As per the analysis of long term ground water level data generated by Central Ground Water Board(CGWB), Ministry of Jal Shakti has indicated that about 62% of the wells monitored have registered rise in ground water level in the country as a whole. The details of the study is given at **Annexure-II**. The increase in ground water level in the country including Rajasthan is due to various reasons including variation in rainfall pattern, Interventions by the Central and State Governments through various schemes such as Watershed Development component of PMKSY, Mahatma Gandhi National Rural Employment Guarantee Scheme, PMKSY-Per Drop More Crop etc.

(d): The guidelines for PMKSY- PDMC envisage promotion of Micro Irrigation in areas with exploited levels of ground water in the country. Under the PMKSY-PDMC a total area of 59.37 lakh ha. has been covered under Micro Irrigation in the country under PMKSY-PDMC till date. The state-wise details of area covered under Micro Irrigation, including areas with exploited levels of ground water are given at **Annexure-III**. The district-wise details are available at web portal [www.pmkSY.gov.in](http://www.pmkSY.gov.in).

**Annexure-I**

Annexure to Lok Sabha Unstarred Question No. 2679 for answer on 10.12.2021

District-wise area covered under micro-irrigation under Pradhan Mantri Krishi Sinchayee Yojana – Per Drop More Crop (PMKSY-PDMC)

Sr. No	District	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 (As on 09.12.2021)	Total
1	Ajmer	1191	779	517	285	954	1477	371	5573
2	Alwar	998	950	1286	1605	839	1785	1827	9289
3	Banswara	150	107	664	805	1412	868	178	4184
4	Baran	108	101	468	466	594	1093	661	3491
5	Barmer	2644	4415	2693	3824	2049	8683	4637	28945
6	Bharatpur	122	126	124	266	152	237	313	1340
7	Bhilwara	3165	1286	3149	3349	3846	4746	1456	20998
8	Bikaner	2332	6592	3013	4052	2927	2611	1035	22562
9	Bundi	327	760	1047	1766	1046	1119	737	6802
10	Chittorgarh	2431	1705	1549	1346	2025	2560	2449	14065
11	Churu	1026	1753	1666	2714	2708	3415	2156	15436
12	Dausa	514	802	856	937	1285	786	108	5288
13	Dholpur	16	34	83	75	95	173	145	620
14	Dungarpur	40	159	318	429	249	208	43	1446
15	Ganganagar	3066	1287	2225	2245	1860	2504	2744	15931
16	Hanumangarh	2583	4514	3794	3828	2952	2325	4590	24586
17	Jaipur	618	5192	6922	3737	4309	4565	1598	26943
18	Jaisalmer	2729	758	661	1049	1950	870	0	8017
19	Jalore	4489	2881	3513	4422	6989	7781	4410	34484
20	Jhalawar	415	1117	792	1650	2462	2880	1866	11183
21	Jhunjhunu	5271	549	788	2189	2112	1484	2549	14942
22	Jodhpur	14	2936	4443	1621	2942	4140	1410	17506
23	Karauli	398	101	121	370	470	373	22	1854
24	Kota	617	551	1023	886	660	550	475	4761
25	Nagour	484	546	516	746	594	1264	582	4732
26	Pali	2893	473	397	694	378	568	471	5873
27	Pratapgarh	144	1344	1835	1752	1256	2040	724	9094
28	Rajsamand	807	298	274	72	376	393	30	2250
29	S.Madhopur	543	754	1259	2259	3990	1486	12	10304
30	Sikar	1931	3030	1140	1824	2640	2729	273	13566
31	Sirohi	353	348	594	1022	999	1144	867	5326
32	Tonk	747	1343	941	1226	1239	1995	278	7770
33	Udaipur	146	63	233	471	214	335	376	1838
<b>TOTAL</b>		<b>43308</b>	<b>47651</b>	<b>48904</b>	<b>53982</b>	<b>58572</b>	<b>69191</b>	<b>39393</b>	<b>361002</b>

**Annexure-II**

Annexure to Lok Sabha Unstarred Question No. 2679 for answer on 10.12.2021

**State-wise Decadal Water Level Fluctuation with Mean [November (2010 to 2019) and November 2020**

S. No.	Name of State	No. of wells Analysed	Rise						Fall						Rise		Fall		Wells showing no change	
			0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m		No	%	No	%	No	%
			No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%
1	Andhra Pradesh	688	395	57.4	92	13.4	38	5.5	146	21.2	12	1.7	5	0.7	525	76	163	24	0	0
2	Arunachal Pradesh	3	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100	0	0	0	0
3	Assam	158	113	71.5	5	3.2	2	1.3	35	22.2	3	1.9	0	0.0	120	76	38	24	0	0
4	Bihar	536	284	53.0	41	7.6	4	0.7	184	34.3	17	3.2	6	1.1	329	61	207	39	0	0
5	Chandigarh	11	3	27.3	2	18.2	0	0.0	5	45.5	0	0.0	1	9.1	5	45	6	55	0	0
6	Chhattisgarh	700	261	37.3	41	5.9	15	2.1	312	44.6	53	7.6	18	2.6	317	45	383	55	0	0
7	Dadra & Nagar Haveli #	17	11	64.7	2	11.8	1	5.9	3	17.6	0	0.0	0	0.0	14	82	3	18	0	0
8	Daman & Diu	9	7	77.8	0	0.0	0	0.0	2	22.2	0	0.0	0	0.0	7	78	2	22	0	0
9	Delhi	80	11	13.8	3	3.8	4	5.0	31	38.8	19	23.8	12	15.0	18	23	62	78	0	0
10	Goa	65	7	10.8	0	0.0	1	1.5	50	76.9	7	10.8	0	0.0	8	12	57	88	0	0
11	Gujarat	736	279	37.9	93	12.6	116	15.8	179	24.3	49	6.7	20	2.7	488	66	248	34	0	0
12	Haryana	312	83	26.6	5	1.6	7	2.2	94	30.1	44	14.1	78	25.0	95	30	216	69	1	0
13	Himachal Pradesh	88	31	35.2	3	3.4	2	2.3	47	53.4	3	3.4	2	2.3	36	41	52	59	0	0
14	Jammu & Kashmir	163	42	25.8	3	1.8	2	1.2	106	65.0	9	5.5	1	0.6	47	29	116	71	0	0
15	Jharkhand	276	162	58.7	42	15.2	17	6.2	49	17.8	5	1.8	1	0.4	221	80	55	20	0	0
16	Karnataka	1316	632	48.0	181	13.8	123	9.3	325	24.7	33	2.5	22	1.7	936	71	380	29	0	0
17	Kerala	1334	537	40.3	24	1.8	6	0.4	738	55.3	23	1.7	6	0.4	567	43	767	57	0	0
18	Madhya Pradesh	1294	594	45.9	160	12.4	43	3.3	372	28.7	83	6.4	42	3.2	797	62	497	38	0	0
19	Maharashtra**	3611	1815	50.3	592	16.4	262	7.3	869	24.1	53	1.5	20	0.6	2669	74	942	26	0	0
20	Meghalaya	23	13	56.5	1	4.3	0	0.0	9	39.1	0	0.0	0	0.0	14	61	9	39	0	0
21	Nagaland	2	0	0.0	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	0	0	2	100	0	0
22	Odisha	1204	762	63.3	47	3.9	6	0.5	366	30.4	19	1.6	3	0.2	815	68	388	32	1	0
23	Pondicherry	6	0	0.0	0	0.0	0	0.0	4	66.7	2	33.3	0	0.0	0	0	6	100	0	0
24	Punjab	250	55	22.0	10	4.0	3	1.2	89	35.6	38	15.2	54	21.6	68	27	181	72	1	0
25	Rajasthan	962	271	28.2	89	9.3	69	7.2	288	29.9	105	10.9	137	14.2	429	45	530	55	3	0
26	Tamil Nadu	629	211	33.5	64	10.2	44	7.0	192	30.5	55	8.7	62	9.9	319	51	309	49	1	0
27	Telangana	549	200	36.4	121	22.0	177	32.2	45	8.2	3	0.5	3	0.5	498	91	51	9	0	0
28	Tripura	21	18	85.7	0	0.0	0	0.0	2	9.5	1	4.8	0	0.0	18	86	3	14	0	0
29	Uttar Pradesh	632	264	41.8	43	6.8	14	2.2	240	38.0	48	7.6	23	3.6	321	51	311	49	0	0
30	Uttarakhand	47	13	27.7	2	4.3	1	2.1	21	44.7	8	17.0	2	4.3	16	34	31	66	0	0
31	West Bengal	633	264	41.7	65	10.3	42	6.6	167	26.4	45	7.1	49	7.7	371	59	261	41	1	0
	<b>Total</b>	<b>16355</b>	<b>7341</b>	<b>44.9</b>	<b>1731</b>	<b>10.6</b>	<b>999</b>	<b>6.1</b>	<b>4971</b>	<b>30.4</b>	<b>738</b>	<b>4.5</b>	<b>567</b>	<b>3.5</b>	<b>10071</b>	<b>62</b>	<b>6276</b>	<b>38</b>	<b>8</b>	<b>0</b>

**Annexure-III**

Annexure to Lok Sabha Unstarred Question No. 2679 for answer on 14.12.2021

Year-wise area covered (2015-16 to 2021-22) under Micro Irrigation PDMC-PMKSY (as on 22.11.2021)

Area in Ha

S. No.	State	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	Total
1	Andhra Pradesh	94104	141098	186441	200269	122080			<b>743992</b>
2	Bihar	5155	4228	3143	924	3967	1275	825	<b>19517</b>
3	Chhattisgarh	8056	19227	13087	18929	27688	18634	1037	<b>106658</b>
4	Goa	92	123	236	0	285	132		<b>868</b>
5	Gujarat	142681	165948	143134	140778	107649	101329	46344	<b>847863</b>
6	Haryana	3117	5701	10751	10469	22652	12446		<b>65136</b>
7	Himachal Pr.	3306	937	1197	422	2573	2051		<b>10486</b>
8	Jharkhand	4528	5810	1544	3978	5989	1909		<b>23758</b>
9	J&K	0	0	0	0	70	1020		<b>1090</b>
10	Karnataka	64220	139405	236107	234853	250591	321178		<b>1246354</b>
11	Kerala	561	310	358	965	583	389		<b>3166</b>
12	Madhya Pradesh	75224	54323	39761	35195	14597	17717	894	<b>237711</b>
13	Maharashtra	35242	106172	132829	159959	171097	49878		<b>655177</b>
14	Odisha	2907	4611	3036	10081	8498	13592		<b>42725</b>
15	Punjab	1799	1950	600	507	942	742		<b>6540</b>
16	Rajasthan	56346	47650	48205	53982	58573	69191	37622	<b>371569</b>
17	Tamil Nadu	32288	44778	105695	172445	263494	214147	60409	<b>893256</b>
18	Telangana	39864	61980	89474	40381	4548	11308	6479	<b>254034</b>
19	Uttarakhand	721	3199	2182	4256.41	6790	4128	3877	<b>25153</b>
20	Uttar Pradesh	1598	32511	28235	55086	56953	58104	36508	<b>268995</b>
21	West Bengal	0	0	2137	13370	21824	14821		<b>52152</b>
22	Arun. Pradesh	0	0	0	0	0	6898		<b>6898</b>
23	Assam	0	0	782	70	10873	6731	3391	<b>21847</b>
24	Manipur	0	0	0	1600	2554	4455	4242	<b>12851</b>
25	Mizoram	398	0	0	0	2348	519		<b>3265</b>
26	Nagaland	0	0	0	0	2830	1520	5460	<b>9810</b>
27	Sikkim	773	0	0	0	2524	3000		<b>6297</b>
	<b>Grand Total</b>	<b>572980</b>	<b>839961</b>	<b>1048934</b>	<b>1158519</b>	<b>1172572</b>	<b>937114</b>	<b>207088</b>	<b>5937168</b>

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