



ABSTRACT

GROUND WATER – Dynamic Ground Water Resources Assessment for Tamil Nadu as on March, 2017 – Categorization of Firkas as Over Exploited, Critical, Semi-Critical, Safe and Saline / Poor / Quality based on the Assessment in Tamil Nadu – Approved – Orders – Issued.

Public Works(R2) Department

G.O. (Ms) No.161

Dated 23.10.2019

விகாரி, புரட்டாசி 6

திருவள்ளூர் ஆண்டு 2050

Read :

1. G.O.(Ms).No.326, Public Works Department, Dated 23.11.1993.
2. G.O.(Ms).No.51, Public Works Department, Dated 11.02.2004.
3. G.O.(Ms).No.52, Public Works Department, Dated 02.03.2012
4. G.O.(Ms).No.142, Public Works Department, Dated 23.07.2014
5. G.O.(Ms).No.113, Public Works Department, Dated 09.06.2016
6. G.O.(Ms).No.257, Public Works Department, Dated 01.10.2018
7. From the Chief Engineer, State Ground and Surface Water Resources Data Centre, Letter No. DD(G)/8474/ Assessment/ 2017, Dated 22.8.2019.

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ORDER:

Based on the development of the ground water resources, the Panchayat Union Blocks in Tamil Nadu were categorized as Dark and Grey areas as on January 1992 and January 1997 (Projected development at year 5) in the Government Order 1st read above. The Blocks with ground water development between 85% to 100% were categorized as "Dark Blocks" and the Blocks with ground water development between 65% to 85% were categorized as "Grey Blocks". The Government directed that no Scheme should be formulated in the Dark Blocks and that in the Grey Blocks, Schemes should be formulated in consultation with the Ground Water Wing of the Public Works Department only. The above categorisation was done in accordance with the then prevailing Ground Water Estimation Committee – 1984 (GEC-1984) Norms. Thereafter, the Committee constituted by the Ministry of Water Resources, Government of India, has

recommended to adopt the GEC-1997 Norms for estimation of the ground water resources in all the States.

2. In the Government Order second read above, the Government approved the categorization of the Panchayat Union Blocks in Tamil Nadu as Over-Exploited, Critical, Semi-Critical and Safe Blocks for ground water development as on January, 2003. The Government directed that no Schemes should be formulated in the Over Exploited and Critical Blocks and in the Semi-Critical and Safe Blocks, all the Schemes should be formulated in consultation with the State Ground and Surface Water Resources Data Centre of the Water Resources Organisation in the Public Works Department. It was also ordered therein that the term "Scheme" excludes energisation of agricultural pump sets by the Tamil Nadu Electricity Board. The Government further directed that appropriate rain water harvesting and artificial recharge schemes be carried out in all the categories of Blocks and while carrying out the above Schemes, priority should be given to the Over Exploited and Critical Blocks so as to avoid further deterioration.

3. In the Government Order third read above, the Government approved the categorization of the Panchayat Union Blocks as Over-Exploited, Critical, Semi-Critical and Safe Blocks based on the assessment of the State Ground Water Resources as on March 2009. All the Over Exploited and Critical Blocks were notified as A Category Blocks (where the stage of ground water extraction is 90% and above) and all the Semi Critical and Safe Blocks were notified as B Category Blocks (where the stage of ground water extraction is below 89%). The Government directed that no Schemes should be formulated in Over Exploited and Critical blocks "Notified as A Category Blocks" In Semi-Critical and Safe Blocks "Notified as B Category Blocks", all the Schemes should be formulated through the State Ground and Surface Water Resources Data Centre of the Water Resources Department and the Chief Engineer, State Ground and Surface Water Resources Data Centre, would issue "No Objection Certificate" for ground water clearance. The Government further directed to exclude the ground water drawal for domestic purpose by individual household; domestic Infrastructure Project (Housing); Government's Drinking Water Supply Schemes and Non Water based Industries (i.e., the industries which do not require and use water, either as raw material or for other processing). The Chief Engineer, State Ground and Surface Water Resources Data Centre, would permit domestic use of water by these Non Water based Industries by issuing "No Objection Certificate" based on the hydro-geological conditions. The Government further directed that appropriate Rain Water Harvesting and Artificial Recharge Schemes should be carried out in the categories viz, Over exploited, Critical, Semi Critical and Safe Blocks of Tamil Nadu and while carrying out the above Schemes, priority should be given to marginal quality and bad quality areas so as to avoid further deterioration. The Government further directed that all the Schemes and Proposals based on ground water would have to adhere to the Government Orders and Conditions detailed in

the Annexure-II to the above mentioned Government Order. This Government Order had been upheld by the Hon'ble Bench of Madras High Court, in its Common Judgement dated 18.09.2013, in WA Nos. 923 to 926 of 2009, WP Nos 23116 of 2006, 23896 to 23900 of 2016, 4711 of 2004 and 12375 of 2008. The Hon'ble High Court had made it clear that even with the repealing of the Tamil Nadu Ground Water (Development and Management) Act, 2003, this G.O. would govern the interest of the parties and the State in the matter of regulating the business of the Writ Appellants.

4. In furtherance of the Orders and Instructions issued in the Government Order third read above, the Regulations for management of ground water and issue of No Objection Certificate / License for extraction of groundwater in the State were approved in the Government Order fourth read above.

5. Subsequently, in the Government Order fifth read above, the Dynamic Groundwater resources in the State were estimated taking a Revenue Firka as an unit of assessment by the State Level Technical Co-ordination Committee as on March 2011 and accordingly the Government had approved categorization of the Over-Exploited, Critical, Semi-Critical, Safe and Saline Firkas based on the above assessment. Thereafter, the Government, in the G.O sixth read above, have approved the categorisation of the Firkas in the State as Over-Exploited, Critical, Semi-Critical, Safe and Saline / Poor Quality Firkas based on the Ground Water Resources Assessment as on March 2013.

6. In the letter seventh read above, the Chief Engineer (State Ground and Surface Water Resources Data Centre) has sent a proposal to the Government for approval of Estimation of the Dynamic Groundwater Resources in Tamil Nadu as on March 2017 and Categorisation of Firkas and requested for approval of the Ground Water Assessment 2017 and notification of the Categorization of the Firkas of Tamil Nadu based on the above assessment.

7. The Government have decided to approve the categorization of the Revenue Firkas in the State based on the Estimation of the Dynamic Ground Water Resources as on March, 2017. Accordingly, the Government approve the categorisation of the Revenue Firkas in the State as Over-Exploited, Critical, Semi-Critical, Safe and Saline/Poor Quality as detailed in the Annexure of this Order, based on the Dynamic Ground Water Resources Assessment as on March, 2017 which shall be notified in the Tamil Nadu Government Gazette.

8. The Chief Engineer(State Ground and Surface Water Resources Data Centre),Water Resources Department is further directed that appropriate rain water harvesting and Artificial recharge schemes shall be carried out in the categories viz, Over exploited, Critical, Semi Critical, Safe and saline/Poor quality Firkas of Tamil Nadu. While carrying out the above

Schemes, priority shall be given to marginal quality and bad quality areas so as to avoid further deterioration

(BY ORDER OF THE GOVERNOR)

K. MANIVASAN

PRINCIPAL SECRETARY TO GOVERNMENT

To

- The Works Manager, Government Central Press, Chennai-79.
- The Chief Engineer, State Ground and Surface Water Resources Data Centre, Water Resources Department, Taramani, Chennai-113.
- The Engineer-in-Chief, Water Resources Department and Chief Engineer (General), Public Works Department, Chennai-5.
- All the Regional and Functional Chief Engineers, Water Resources Department.
- The Additional Chief Secretary and Commissioner of Land Administration, Chennai-5.
- All District Collectors.
- The Director of Rural Development, Chennai-15.
- The General Manager, National Bank for Agriculture and Rural Development, Chennai-34.
- The Registrar of Co-operative Societies, Chennai.
- The Chief Engineer (Agricultural Engineering), Chennai-35.
- The Director of Agriculture, Chennai - 5.
- The Director of Horticulture, Chennai-5.
- The Commissioner / Managing Director, Sugar Corporation, Chennai-35.
- The Managing Director, Tamil Nadu Water Supply and Drainage Board, Chennai-5.
- The Engineering Director, Tamil Nadu Water Supply and Drainage Board, Chennai-5.
- The Managing Director, Chennai Metropolitan Water Supply and Sewerage Board, Chennai-2.
- The Chairman, Tamil Nadu Electricity Board, Chennai-2.
- The Regional Director, Central Ground Water Board, Rajaji Bhavan, Chennai-90.

Copy to

- The Agriculture Department, Chennai-9
- The Revenue & Disaster Management Department, Chennai-9.
- The Environment and Forest Department, Chennai-9.
- The Municipal Administration and Water Supply Department, Chennai-9.
- The Rural Development and Panchayat Raj Department, Chennai-9.
- The Energy Department, Chennai-9.
- The Industries Department, Chennai-9.
- Stock File / Spare Copy.

// Forwarded by Order //

Section Officer

29/10/2019

29/10/2019

ANNEXURE to G.O(Ms)No. 161, Public Works(R2) Department, Dated 23.10.2019

Categorisation Of Firkas in Tamil Nadu as on March 2017

OVER EXPLOITED (Greater than 100%)	CRITICAL (Between 90 and 100%)	SEMI CRITICAL (Between 70 and 90%)	SAFE (Less than 70%)	SALINE / POOR QUALITY
ARIYALUR (Total Firkas-15)				
ARIYALUR TALUK				
			1	ARIYALUR
			2	ELAKURICHI
			3	KEELAPALUR
			4	NAGAMANGALAM
			5	THRUMANUR
SENDURAI TALUK				
		6	SENDURAI	7
				8
				9
				10
				11
				12
				13
				14
				15
CHENNAI (Total Firkas-20)				
EGMORE-NUNGAMBAKKAM TALUK				
1	EGMORE-NUNGAMBAKKAM-I			
2	EGMORE-NUNGAMBAKKAM-II			
3	EGMORE-NUNGAMBAKKAM-III			
4	EGMORE-NUNGAMBAKKAM-IV			
KOTTAI - THONDIARPET TALUK				
5	KOTTAI - THONDIARPET-I			
6	KOTTAI - THONDIARPET-II			
7	KOTTAI - THONDIARPET-III			
8	KOTTAI - THONDIARPET-IV			
MAMBALAM - GUINDY TALUK				
9	MAMBALAM - GUINDY-I			
10	MAMBALAM - GUINDY-II			
11	MAMBALAM - GUINDY-III			
12	MAMBALAM - GUINDY-IV			
MYLAPORE - TIRUVALLIKENI TALUK				
13	MYLAPORE - TIRUVALLIKENI-I			
14	MYLAPORE - TIRUVALLIKENI-II			
15	MYLAPORE - TIRUVALLIKENI-III			
16	MYLAPORE - TIRUVALLIKENI-IV			
PURASAWALKAM-PERAMBUR TALUK				
17	PURASAWALKAM-PERAMBUR-I			
18	PURASAWALKAM-PERAMBUR-II			
19	PURASAWALKAM-PERAMBUR-III			
20	PURASAWALKAM-PERAMBUR-IV			
COIMBATORE (Total Firkas- 38)				
ANNUR TALUK				
1	ANNUR (S)			
2	ANNUR (N)			
3	SARKAR SAMAKULAM			

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
COIMBATORE NORTH TALUK									
4	GANAPATHI	6	SARAVANAM PATTI	7	PERIANAICKEN PALAYAM				
5	ANUPPAR PALAYAM			8	THUDIALUR				
COIMBATORE SOUTH TALUK									
9	COIMBATORE								
10	SINGANALLUR								
KINATHUKATAVU TALUK									
11	VADACHITTUR								
12	KINATHUKATAVU								
13	KOVILPALAYAM								
MADUKKARAI TALUK									
14	OTTAKKAL MANDABAM	15	THIRUMALAIAMPALAYAM	17	KURICHI				
		16	MADUKKARAI						
METTUPALAYAM TALUK									
		18	METTUPALAYAM	19	KARAMADAI				
PERUR TALUK									
20	ALANDURAI			25	KUNIAMUTHUR				
21	MADAMPATTI								
22	THONDAMUTHUR								
23	VADAVALLI								
24	PERUR								
POLLACHI TALUK									
26	RAMAPATTINAM	32	KOTTUR	33	MARCHINAICKENPALAYAM				
27	POLLACHI(N)								
28	POLLACHI(S)								
29	PERIANEGAMAM								
30	KOLARPATTI								
31	ANAMALAI								
SULUR TALUK									
34	KARUMATHAM PATTI								
35	SULUR								
36	SELAKKARICHAL								
37	VARAPATTI								
VALPARAI TALUK									
						38	VALPARAI		
CUDDALORE (Total Firkas-32)									
BHUVANAGIRI TALUK									
				1	SETHIYATHOPE	2	BHUVANAGIRI	3	PARANG IPETTAI
CHIDAMBARAM TALUK									
						4	ORATHUR		
						5	THIRUVAKULAM		
						6	CHIDAMBARAM		
CUDDALORE TALUK									
7	THIRUVANTHI PURAM			8	MANJAKKUPPAM				
9	RETTY CHAVADI								
KATTUMANNARKOIL TALUK									
						10	UDAIYARKUDI		
						11	KATTUMANNARKOIL		
						12	PUTHUR		
						13	KUMARACHI		
						14	SRIMUSHNUM		

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
KURINJIPADI TALUK									
						15	KURINJIPADI		
						16	KULLANCHAVADI		
PANRUTI TALUK									
17	NELLIKUPPAM			18	PANRUTI	19	KADAMPULIYUR		
				20	MARUNGUR				
TITTAGUDI TALUK									
		21	PENNADAM			22	TITTAGUDI (E)		
						23	TITTAGUDI (W)		
						24	THOZHURUR		
VEPPUR TALUK									
				25	SIRUPAKKAM	26	VEPPUR		
VIRUDHACHALAM TALUK									
27	KAMMAPURAM(E)					28	VIRUDHACHALAM (N)		
29	KAMMAPURAM(W)					30	KO-MANGALAM		
31	UMANGALAM								
32	VIRUDHACHALAM (S)								
DHARMAPURI DISTRICT (Total Firkas -23)									
DHARMAPURI TALUK									
		1	KRISHNAPURAM	2	DHARMAPURI				
HARUR TALUK									
		3	MORAPPUR	4	HARUR	5	THEERTHAMALAI		
KARIMANGALAM TALUK									
6	PERIANAHALLI								
7	KARIMANGALAM								
8	VELLICHANDAI								
9	KAMBAINALLUR								
NALLAMPALLI TALUK									
10	INDUR	11	NALLAMPALLI						
12	PALAYAM								
PALACODE TALUK									
13	MARANDAHALLI								
14	PALACODE								
15	PULIKARAI								
PAPPIREDDIPATTY TALUK									
16	BOMMIDI	17	PAPPIREDDI PATTY						
18	KADATHUR								
19	THENKARAIKOTTAI								
PENNAGARAM TALUK									
20	PAPPARAPATTY					21	SUNJALNATHAM		
22	PENNAGARAM								
23	PERUMBALAI								
DINDIGAL DISTRICT (Total Firkas 40)									
ATHOOR TALUK									
1	AYYAMPALAYAM			2	ATHOOR				
3	CHINNAPATTI								
DINDIGAL EAST TALUK									
4	SHANARPATTI			5	KAMBILIAMPATTI	6	DINDIGUL EAST		
7	SILVATHUR								
DINDIGAL WEST TALUK									
8	PALAKKANOTHU								

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
9	REDDIARCHATRAM								
10	DHARMATHUPATTI								
11	DINDIGUL WEST								
KODIAKANAL TALUK									
						12	KODIAKANAL		
						13	PANNAIKADU		
						14	THANDIKUDI		
NATHAM TALUK									
						16	NATHAM		
						18	REDDIAPATTI		
						17	SENTHURAI		
NILAKOTTAI TALUK									
19	BATLAGUNDU	19	ORUTHATTU						
20	NILAKOTTAI	21	PILLAIYAR NATHAM						
22	VIRUVEEDU								
ODDANCHATHRAM TALUK									
23	CHINNAKKAMPATTI								
24	DEVATHUR								
25	KALLIMANTHAYAM								
26	ODDANCHATHRAM								
27	PULIYURNATHAM								
PALANI TALUK									
28	AYAKUDI	29	NEKKARAPATTAI	30	KORIKADAVU	31	PALANI		
32	THOPPAMPATTI			33	PAPPAMPATTI				
VEDASANDUR TALUK									
34	AYYALUR								
35	ERIODU								
36	KOTTANATHAM								
37	KOVILUR								
38	PALAYAM								
39	VADAMADURAI								
40	VEDASANDUR								
ERODE DISTRICT (Total Firkas -34)									
ANTHIUR TALUK									
1	ANTHIYUR	2	AMMAPETTAI			3	BURGUR		
4	ATHANI								
BHAVANI TALUK									
				5	BHAVANI				
				6	KAVANDAPADI				
				7	KURICHI				
ERODE TALUK									
8	ERODE EAST								
9	ERODE NORTH								
10	ERODE WEST								
GOBICHETTIPALAYAM TALUK									
11	NAMBIYUR	12	KASIPALAYAM	13	SIRUVALUR	14	GOBICHETTIPALAYAM		
15	ELATHUR					16	VANIPUTHER		
						17	KUGALUR		
KODUMUDI TALUK									
18	KODUMUDI	19	KILAMPADI			20	SIVAGIRI		
MODAKURICHI TALUK									

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
21	MODAKURICHI					22	POONDURAI		
23	ARACHALUR								
PERUNDURAI TALUK									
24	CHENNIMALAI	25	THINGALUR	26	KANJIKOIL				
27	PERUNDURAI								
28	VELLODE								
SATHYAMANGALAM TALUK									
29	BHAVANISAGAR	30	SATHYA MANGALAM			31	KUTHIYALATHUR		
32	PUNJAIPULIAM PATTI								
33	ARASUR								
THALAVADI TALUK									
				34	THALAVADI				
KANCHEEPURAM (Total Firkas-68)									
ALANTHUR TALUK									
				1	KOLLAPAKKAM	2	ALANTHUR		
CHENGALPATTU TALUK									
3	SINGAPERUMAL KOIL			4	GUDUVANCHERI				
5	APPUR			6	KATTANKULATHUR				
7	CHENGALPATTU			8	VANDALUR				
				9	PALLUR				
CHEYUR TALUK									
				10	CHEYUR	11	KADAPAKKAM		
				12	CHITHAMUR	13	LATHUR		
				14	KAYAPAKKAM	15	KODUR		
						16	SUNAMPEDU		
KANCHEEPURAM TALUK									
17	GOVINDHAVADI	18	THIRUPPU KUZHI			19	KANCHEEPURAM		
20	SIRUKAVERIPAKKAM					21	CHITTIAMBAKKAM		
						22	PARANDUR		
MADURANTHAKAM TALUK									
23	ORATHI	24	LENDATHUR	25	ACCHIRUPAKKAM	26	KARUNKUZHI		
				27	ONAMPAKKAM	28	MADHURANTHAGAM		
				29	JAMEENENDATHUR	30	VAIYAVUR		
				31	PERUMPAKKAM				
PALLAVARAM TALUK									
						32	PAMMAL		
						33	PALLAVARAM		
						34	KUNRATHUR		
						35	MANGADU		
SHOLINGANALLUR TALUK									
						36	SHOLINGANALLUR		
						37	PALLIKARANAI		
						38	MEDAVAKKAM		
SRIPERMPUDUR TALUK									
						39	MADURAMANGALAM		
						40	PADAPPAI		
						41	SERAPPANACHERI		
						42	SRIPERMPUDUR		
						43	SUNKUVARCHATRAM		
						44	THANDALAM		
						45	VALLAM		

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
TAMBARAM TALUK									
						46	CHITLAPAKKAM		
						47	MADAMBAKKAM		
						48	TAMBARAM		
THIRUKAZHUKUNDRAM TALUK									
49	NERUMBUR	50	THIRUKAZHU KUNDRAM	51	MAMALLAPURAM				
				52	PONVILAYANTHAKALATHUR				
THIRUPORUR TALUK									
				53	KARUMBAKKAM	54	THIRUPORUR		
						55	NELLIKUPPAM		
						56	KELAMBAKKAM		
						57	MAMPAKKAM		
						58	MANAMBATHY		
						59	PAIYANUR		
UTHIRAMERUR TALUK									
60	ARUMPULIYUR			61	KALIYAMPOONDI	62	SALAVAKKAM		
63	THIRUPULIVANAM			64	KUNNAVAKKAM				
				65	UTHIRAMERUR				
WALAJABAD TALUK									
66	WALAJABAD					67	MAHARAL		
						68	THENNERI		
KANYAKUMARI DISRICT(TOTAL FIRKAS-18)									
AGATHEESWARAM TALUK									
				1	RAJAKKA MANGALAM	2	KANNIYAKUMARI		
						3	NAGERCOIL		
						4	SUCHINDRAM		
KALKUALM TALUK									
						5	COLACHEL		
						6	KULASEKARAM		
						7	KJRUNTHUNCODE		
						8	THIRUVATTAR		
						9	THIRUVITHANCODE		
						10	THUCKALAY		
THOVALAI TALUK									
						11	AZHAI PANDIPURAM		
						12	BHOOTHAPANDY		
						13	THOVALAI		
VILVANCODE TALUK									
						14	ARUMANAI		
						15	EDAICODE		
						16	MIDALAM		
						17	PAINKULAM		
						18	VILAVANCODE		
KARUR DISTRICT (Total Firkas- 20)									
ARAVAKURICHI TALUK									
1	K.PARAMATHY			2	CHINNADHARA PURAM	3	ARAVAKURICHI		
4	PALLAPATTI								
5	THENNILAI								
KADAVUR TALUK									
6	KADAVUR								
7	MAILAMPATTI								

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
KARUR TALUK									
8	THORANAKALPATTI								
9	VELLIYANAI								
10	KARUR								
KRISHINARAYAPURAM TALUK									
11	PANJAPATTI			12	CHINTHALAVADI				
13	KATTALAI								
KULITHLAI TALUK									
14	THOGAIMALAI					15	KULITHALAI		
						16	NANGAVARAM		
MANMANGALAM TALUK									
17	VANGAL			18	MANMANGALAM				
19	PUGALUR								
20	THALAPATTI								
KRISHNAGIRI DISTRICT (Total Firkas -29)									
BARGUR TALUK									
1	BARGUR								
2	PALEPALLI								
DENKANIKOTTAI TALUK									
		3	RAYAKOTTAI	4	KAKKADASAM	5	ANDEVANAPALLI		
				6	KELAMANGALAM	7	ANJETTI		
				8	THALLY	9	DENKANIKOTTA		
HOSUR TALUK									
10	HOSUR	11	MATHIGIRI	12	BAGALUR				
KRISHNAGIRI TALUK									
13	ALAPATTI			14	PERIYAMUTHUR	15	KAVERIPATTINAM		
16	GURUPARAPALLI								
17	VEPPANAPALLI								
18	KRISHNAGIRI								
POCHAMPALLI TALUK									
19	MATHUR	20	NAGARASAMPATTI			21	BARUR		
22	POCHAMPALLI								
SHOOLAGIRI TALUK									
23	BERIGAI			24	UTHANAPALLI	25	SHOOLAGIRI		
UTHANGARAI TALUK									
26	KALLAVI								
27	SAMALPATTI								
28	SINGARAPETTAI								
29	UTHANGARAI								
MADURAI DISTRICT (Total Firkas-51)									
MADURAI EAST TALUK									
						1	APPAN THIRUPATHI		
						2	ARUMABANUR		
						3	KALLANDHIRI		
						4	KUNNATHUR		
						5	OTHAKKADAI		
						6	RAJAKKUR		
						7	SAKKIMANGALAM		
MADURAI NORTH TALUK									
						8	CHATHRAPATTI		
						9	KOOLAPANDI		

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
						10	KULAMANGALAM		
						11	SAMAYANALLUR		
						12	SATHAMANGALAM		
MADURAI SOUTH TALUK									
				13	MADURAI EAST	14	AVANIYAPURAM		
						15	VIRATHANUR		
MADURAI WEST TALUK									
16	NAGAMALALI PUDUKOTTA	17	MADURAI WEST						
MELUR TALUK									
18	A.VELLALAPATTI					19	KARUNGALAKUDI		
20	KOTTAMPATTI					21	KEELAVALLAVU		
22	VELLALUR					23	MELAVALLAVU		
						24	MELUR		
						25	THIRUVATHAVUR		
PERAIYUR TALUK									
26	SEDAPATTI			27	ELUMALAI	28	ATHIPATTI		
				29	PERAIYUR	30	MOTHAGAM		
						31	T.KALLUPATTI		
THIRUMANGALAM TALUK									
32	KOKKULAM	33	THIRUMANGALAM	34	KALLIGUDI	35	KURAIYUR		
				36	PANNIKKUNDU	37	SIVARAKKOTTAI		
THIRUPPARAN KUNDRAM TALUK									
				38	VALAYANKULAM	39	THIRUPPARAN KUNDRAM		
USILAMPATTI TALUK									
40	USILAMPATTI	41	KARUMATHUR	42	VALANTHUR				
43	UTHAPPANAICKANUR								
44	SINDHUPATTI								
VADIPATTI TALUK									
45	MUDUVPATTI					46	ALANGANALLUR		
47	PALAMEDU					48	SOLAVANDHAN		
						49	THANICHIAM		
						50	NEERATHAN		
						51	THENKARAI		
NAGAPATTINAM DISTRICT (Total Firkas-31)									
KILVELUR TALUK									
								1	KEELAIYUR
								2	KILVELUR
								3	THEVOOR
								4	VELANGANNI
KUTTALAM TALUK									
5	KUTTALAM								
6	MANGANALLUR								
7	PALAIYUR								
MAYILADUTHURAI TALUK									
8	MAYILADUTHURAI					9	MANALMEDU		
10	PATTAVARTHI								
NAGAPATTINAM TALUK									
								11	THIRUKANNAPURAM
								12	KANGALAN CHERI
								13	NAGAPPATTINAM
								14	THERKUPOIGAI NALLUR

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
								15	THIRUMARUGAL
SIRKALI TALUK									
16	PUTHUR								
17	VAITHEESWARAN KOIL								
18	SIRKALI								
19	MADHANAM								
20	THIRUVENGADU								
THARANGAMPADI TALUK									
21	MELAYUR							22	THILLAYADI
23	SEMBANARKOIL								
24	THIRUVILAIYATTAM								
THIRUKKUVALAI TALUK									
								25	NIRMULAI
								26	THIRUKKUVALAI
								27	VALIVALAM
VEDARANYAM TALUK									
								28	KARIYA PATTINAM
								29	THAGATUR
								30	THALAINAYAR
								31	VEDARANYAM
NAMAKKAL DISTRICT (Total Fikas-30)									
NAMAKKAL TALUK									
1	ALANGANATHAM								
2	ERUMAIPATTI								
3	KALAPPANAIKAN PATTI								
4	MOHANUR								
5	NALLIPALAYAM								
6	NAMAKKAL								
7	PUDUCHATRAM								
8	SELLAPPAMPATTI								
9	SENTHAMANGALAM								
10	VALAIYAPATTI								
KOLIMALAI TALUK									
						11	THIRUPULI NADU		
						12	VALAVANTHI NADU		
PARAMATHI VELUR TALUK									
13	NALLUR			14	JEDARPALAYAM				
15	PARAMATHI			16	PALLAPATTI				
17	PANDAMANGALAM								
RASIPURAM TALUK									
18	MANGALAPURAM								
19	MULLUKURICHI								
20	NAMAGIRIPETTAI								
21	RASIPURAM								
22	VENNANDUR								
THIRUCHENGODE TALUK									
23	KUMARAPALAYAM	24	ELACHIPALAYAM	25	MANICKAM PALAYAM	26	PALLIPALAYAM		
27	MALLASAMUDRAM			28	MOLASI				
29	VAIYAPPAMALAI								
30	TIRUCHENGODE								
NILGIRI DISTRICT (Total Firkas-16)									

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
COONNOOR TALUK									
						1	COONNOOR		
						2	KETTI		
						3	MELUR		
GUDALUR TALUK									
						4	DEVARSHOLA		
						5	GUDALUR		
KOTHAGIRI TALUK									
						6	KILKOTAGIRI		
						7	NEDUGULA		
						8	KOTAGIRI		
						9	CHERAMBADI		
						10	PANDALUR		
KUNDAH TALUK									
						11	ITHALAR		
						12	KUNDAH		
UDHAGAMANDALAM TALUK									
						13	SHOLUR		
						14	THUNERI		
						15	UDHAGAMANDALAM		
PERAMBALUR DISTRICT(Total Firkas-11)									
ALANDUR TALUK									
1	CHETTIKULAM			2	KOOTHUR	3	KOLAKANATHAM		
KUNNAM TALUK									
4	KEELAPULIYUR					5	VADAKKALUR		
						6	VARAGUR		
PERAMBALUR TALUK									
7	KURUMBALUR								
8	PERAMBALUR								
VEPPANTHATTAI TALUK									
9	PASUMBALUR								
10	VALIKANDAPURAM								
11	VENGALAM								
PUDUCCOTTAI DISTRICT (Total Firkas-46)									
ALANGUDI TALUK									
		1	KEERAMANGALAM	2	VENNAVALKUDI	3	ALANGUDI		
						4	VALLANADU		
ARANTHANGI TALUK									
				5	ARASARKULAM	6	ARANTHANGI		
						7	ATHANI		
						8	NAGUDI		
						9	POOVATHAKUDI		
						10	SILATTUR		
AVUDAIYARKOIL TALUK									
						11	AVUDAIYARKOIL		
						12	EMBAL		
						13	PONPETTE		
						14	MIMISAL		
GANDARVAKOTTAI TALUK									
						15	GANDARVAKOTTAI		

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
						16	KALLAKKOTTAI		
						17	PUDUNAGAR		
ILLUPPUR TALUK									
				18	VEERAPATTY	19	KUDUMIYANMALAI		
						20	ILLUPPUR		
						21	SITHANAVASAL		
KARAMBAKUDI TALUK									
						22	MALAIYUR		
						23	KARAMBAKUDI		
KULATHUR TALUK									
				24	NARTHAMALAI	25	KEERANUR		
						26	KILLUKKOTTAI		
						27	KUNNANDARKOIL		
						28	MATHOOR		
MANAMELKUDI TALUK									
						29	MANAMELKUDI	30	PERUMARUTHUR
								31	KOTTAI PATTINAM
								32	SINKAVANAM
PONNAMARAVATHY TALUK									
				33	ARASAMALAI				
				34	KARAIYUR				
				35	PONNAMARAVATHY				
PUDUKKOTTAI TALUK									
				36	VARAPPUR	37	PUDUKKOTTAI		
THIRUMAYAM TALUK									
				38	KOTTUR	39	KEELANILAI		
						40	SENGEERAI		
						41	THIRUMAYAM		
						42	VIRACHILAI		
VIRALIMALAITALUK									
				43	KODUMBALUR	44	NEERPALANI		
				45	VIRALIMALAI				
RAMANATHAPURAM DISTRICT(Total Firkas-38)									
KADALADI TALUK									
						1	AAPPANUR	2	KADALADI
								3	MELACHELVANUR
								4	S.THARAIKUDI
								5	SAYALKUDI
								6	SIKKAL
KAMUTHI TALUK									
						7	ABIRAMAM		
						8	KAMUTHI EAST		
						9	KAMUTHI WEST		
						10	KOVILANKULAM		
						11	PERUNAAZHI		
KEELAKKARAI TALUK									
						12	T.U.MANGAI	13	THIRUPULLANI
						14	KEELAKKARAI		
MUDUKULATHUR TALUK									
						15	KAKKUR	16	MUDUKULATHUR SOUTH
						17	KEELATHUVAL		

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
						18	MELAKODUMALUR		
						19	MUDUKULATHUR NORTH		
						20	THERIRUVELI		
PARAMAKUDI TALUK									
						21	BOGALUR		
						22	KILIYUR		
						23	MANJUR		
						24	NAINARKOIL		
						25	PARAMAKUDI		
						26	PARTHIPANOOR		
RAMANATHAPURAM TALUK									
						27	DEVIPATTINAM		
						28	MANDAPAM		
						29	RAMANATHAPURAM		
						30	PERUNKULAM		
RAMESHWARAM TALUK									
						31	RAMESWARAM		
THIRUVADANAI TALUK									
						32	AANANDHUR	33	MANGALAKUDI
						34	PULLUR	35	THONDI
						36	R.S.MANGALAM		
						37	SHOLANDHUR		
						38	THIRUVADANI		
SALEM DISTRICT(Total Firkas-44)									
ATTUR TALUK									
1	ATTUR								
2	KATTUKKOTTAI								
3	THALAIVASAL								
EDAPPADI TALUK									
4	EDAPPADI								
5	KONGANAPURAM								
6	POOLAMPATTI								
GANGAVALLI TALUK									
7	GANGAVALLI			8	PATCHMALAI				
9	VEERAGANOOR								
KADAYAMPATTI TALUK									
10	KADAYAMPATTI								
11	SEMMANDAPPATTI								
METTUR TALUK									
12	MECHERI			13	KOLATHUR				
14	NANGAVALLI								
15	PALAMALAI								
16	METTUR								
17	POTTANERI								
OMALUR TALUK									
18	OMALUR								
19	KARUPUR								
20	THARAMANGALAM								
PETHANAICKAN PALAYAM TALUK									
21	PETHANAICKAN PALAYAM					22	KALRAYANMALAI		
23	YETHAPUR								

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
SALEM TALUK									
24	SALEM_TOWN					25	PANAMARATHUP PATTI		
26	VALASAIYUR								
SALEM SOUTH TALUK									
27	VEERAPANDI								
28	VEMBADITHALAM								
29	KONDALAMPATTI								
SALEM WEST TALUK									
30	THIRUMALAIGIRI								
31	ALAGAPURAM								
32	SURAMANGALAM								
33	MALLIYAKARAI								
SANKARI TALUK									
34	ERNAPURAM					35	THEVUR		
36	SANKARI EAST								
37	SANKARI WEST								
VAZHPPADI TALUK									
38	VAZHAPPADI					39	ARUNOOTHUMALAI		
40	KARIPPATTI								
41	BELUR								
YERCAUD TALUK									
						42	PUTHUR		
						43	VELLAKKADAI		
						44	YERCAUD		
SIVAGANGAI DISTRICT(Total Firkas-39)									
DEVAKOTTAI TALUK									
						1	DEVAKOTTAI		
						2	KANDADEV		
						3	KANNANGUDI		
						4	PUZHIYAL		
						5	SARUGANI		
ILYANGUDI TALUK									
						6	ILYANGUDI		
						7	SOORANAM		
						8	THAYAMANGALAM		
						9	A.THIRUVUDUIR PURAM		
						10	SALAIGRAMAM		
KALAYARKOVIL TALUK									
						11	NATTARASANKOTTAI		
						12	KALAYARKOVIL		
						13	MARAVAMANGALAM		
						14	SILUKKAPATTI		
						15	MALLAL		
KARAIKUDI TALUK									
						16	KALLAL		
						17	KARAIKUDI		
						18	PALLATHUR		
						19	SAKKOTTAI		
						20	MITHRAVAYAL		
MANAMADURAI TALUK									
						21	SEIKALATHUR		

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
						22	MUTHANENTHAL		
						23	MANAMADURAI		
SIVAGANGAI TALUK									
						24	MATHAGUPATTI		
						25	OKKUR		
						26	PERIYAKOTTAI		
						27	SIVAGANGAI		
						28	THAMARAKKI		
THIRUPPATHUR TALUK									
				29	VARAPPUR	30	NATCHIYAPURAM		
						31	S.S.KOTTAI		
						32	SINGAMPUNARI		
						33	THIRUKOSTIYUR		
						34	THIRUPPATHUR		
						35	ILAYATHAKUDI		
						36	NERKUPPAI		
THIRUPUVANAM TALUK									
						37	KONTHAGAI		
						38	THIRUPPUVANAM		
						39	THIRUPPACHETHY		
THANJAVUR DISTRICT (Total Firkas-50)									
BUDHULUR TALUK									
1	THIRUKATTU PALLI	2	AGARAPETTAI	3	BUDHULUR	4	SENGIPATTI		
KUMBANONAM TALUK									
5	DEVANANCHERI					6	CHOLANMALIGAI		
7	KUMBAKONAM								
8	MURUKKANGUDI								
9	NACHIYARKOIL								
ORATHANAD TALUK									
10	THONDARAM PATTU	11	SILLATHUR	12	ORATHANAD	13	EACHANKOTTAI		
14	KAVALIPATTI	15	ULUR			16	THEKKUR		
17	THIRUMANGALA KOTTAI								
PAPANASAM TALUK									
18	AYYAMPETTAI			19	SALIYAMANGALAM				
20	MELATTUR								
21	PAPANASAM								
22	AMMAPET								
23	KABISTHALAM								
PATTUKKOTTAI TALUK									
24	TIRUCHITRAM BALAM	25	PATTUKKOTTAI	26	KURICHI				
27	THUVARANKURICHI	28	ADIRAMPATTINAM						
29	ANDIKKADU	30	NAMBIVAYAL						
31	MADUKKUR	32	PERIYAKOTTAI						
		33	THAMBIKOTTAI						
PERAVURANI TALUK									
34	AVANAM			35	PERAVURANI	36	PERUMAGALUR		
37	KURUVIKARAMBAI								
THANJAVUR TALUK									
38	NANJIKOTTAI			39	PERAMBUR				
40	VALLAM			41	THANJAVUR				
42	RAMAPURAM								

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
THIRUVAIYARU TALUK									
43	KANDIYUR								
44	NADUKAVERI								
45	THIRUVAIYARU								
THIRUVIDAMARUDUR TALUK									
46	ADUTHURAI								
47	KATHIRA MANGALAM								
48	THIRUVIDA MARUDUR								
49	TIRUPPANANDAL								
50	PANDANALLUR								
THENI DISTRICT (Total Firkas-17)									
ANDIPATTI TALUK									
		1	KANDAMANUR	2	ANDIPATTI	3	MAYLADUMPARAI		
		4	RAJATHANI						
BODINAYAKANUR TALUK									
				5	KODANGIPATTI	6	BODINAYAKANUR		
						7	RASINGAPURAM		
PERIYAKULAM TALUK									
				8	DEVATHANAPATTI				
				9	THENKARAI				
THENI TALUK									
				10	THENI				
				11	KODIVILARPATTI				
UTHAMAPALAYAM TALUK									
12	ERASAKKA NAICKANUR			13	UTHAMAPALAYAM	14	CHINNAMANUR		
15	THEVARAM					16	MARKAYANKOTTAI		
						17	CUMBAM		
THIRUVALLUR DISTRICT (Total Firkas-54)									
AMBATTUR TALUK									
1	AMBATTUR								
2	KORATTUR								
AVADI TALUK									
3	AVADI								
4	MORAI								
5	TIRUMULLAIVOIYAL								
6	THIRUNINRAVUR								
7	VELLANUR								
GUMMIDIPOONDI TALUK									
						8	ELAVUR		
						9	MADHARPAKKAM		
						10	POOVALAMBEDU		
						11	GUMMIDIPOONDI		
MADHAVARAM TALUK									
				12	MADHAVARAM	13	PUZHAL		
MADURAVOYAL TALUK									
14	MADURAVOYAL								
15	PORUR								
PALLIPATTU TALUK									
16	R.K.PET			17	PALLIPATTU	18	BALAPURAM		
				19	ERUMBI	20	POTHATTUR PETTAI		
PONNERI TALUK									

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
				21	KATTUR	22	ARANI	23	MINJUR
				24	KOLUR	25	GNAYIRU		
						26	PONNERI		
						27	SHOLAVARAM		
						28	THIRUPALAVANAM		
POONAMALLEE TALUK									
29	NEMAM	30	THIRUMAZHISAI						
31	POONAMALLEE								
32	VAYALANALLUR								
THIRUVALLUR TALUK									
33	VENGATHUR			34	AMMANAM BAKKAM	35	PANDUR		
				36	KADAMBATHUR	37	POONDI		
				38	MAPPEDU	39	THIRUVALLUR		
				40	VELLIYUR	41	TIRUR		
THIRUVOTRIYUR TALUK									
42	THIRUVOTRIYUR								
43	MANALI								
TIRUTTANI TALUK									
		44	CHERUKKANOOR	45	POONIMANGADU	46	MANAVOR		
		47	KANAGAMMACHATTRAM	48	THIRUVALANGADU				
		49	TIRUTTANI						
UTHUKKOTTAI TALUK									
		50	KANNIGAIPAI	51	UTHUKKOTTAI	52	PENNALURPETT		
						53	PERIYAPALAYAM		
						54	VELAKAPURAM		
THOOTHUKUDI DISTRICT (Total Firkas-41)									
ETTAYAPURAM TALUK									
						1	CHOLAPURAM		
						2	ETTAYAPURAM		
						3	KADALIYUR		
						4	MUTHULAPURAM		
						5	PADARNTHAPULI		
KOVLIPATTI TALUK									
6	ILAYASANENDAL					7	KALUGUMALAI		
						8	KAMANAICKEN PATTI		
						9	NALLATIN PUTHUR		
						10	KOVLIPATTI		
						11	KADAMBUR		
						12	KAYATHAR		
OTTAPIDARAM TALUK									
		13	PARIVALLIKOTTAI			14	EPPODUMVENDRAN		
						15	MANIYACHI		
						16	PASUVANTHANAI		
						17	VEDANATHAM		
						18	OTTAPIDARAM		
SATTANKULAM TALUK									
19	PALLAKURICHI			20	SATTANKULAM	21	SRIVENKATES WARAPURAM		
SRIVAIKUNDAM TALUK									
						22	ARUMUGA MANGALAM		
						23	DEIVASEYALPURAM		
						24	PERUNGULAM		

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OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
						25	SEIDUNGANALLUR		
						26	SRIVAIKUNDAM		
						27	VALLANAD		
THOOTHUKUDI TALUK									
						28	KEELATHATTA PARAI		
						29	MUDIVAITHANENDAL		
						30	PUDUKOTTAI		
						31	THOOTHUKUDI		
TIRUCHENDUR TALUK									
32	UDANGUDI					33	ALWARTHIRU NAGARI		
						34	AUTHOOR		
						35	TIRUCHENDUR		
VILATHIKULAM TALUK									
						36	KADALKUDI		
						37	KULATHUR		
						38	PUDUR		
						39	SIVAGNANA PURAM		
						40	VEMBAR		
						41	VILATHIKULAM		
TIRUNELVELI DISTRICT (Total Firkas -60)									
ALANKULAM TALUK									
1	KEEZHAPAVOOR			2	ALANKULAM	3	PUDUPATTI		
4	NETTUR								
5	VENKADAMPATTI								
AMBASAMUDRAM TALUK									
						6	ALWARKURICHI		
						7	AMBASAMUDRAM		
						8	KADAYAM		
						9	SINGAMPATTI		
CHERANMAHADEVI TALUK									
						10	CHERAN MAHADEVI		
						11	MELASEVAL		
						12	MUKKUDAL		
						13	PAPPAKUDI		
KADAYANALLUR TALUK									
14	AYIKUDI	15	KADAYANALLUR						
16	PULIYANKUDI								
MANUR TALUK									
				17	MANUR				
				18	THALAIYUTHU				
NANGUNERI TALUK									
				19	MOOLAKARAIPATTI	20	ERUVADI		
				21	VIJAYARAYANA PURAM	22	KALAKADU		
						23	NANGUNERI		
						24	POOLAM		
PALAYAMKOTTAI TALUK									
				25	SIVANTHIPATTI	26	MELAPATTAM		
						27	MUNEER PALLAM		
						28	PALAYAMKOTTAI		
RADHAPURAM TALUK									
29	PAZHAVOOR	30	RADHAPURAM	31	LEVINJIPURAM	32	SAMUGARENGA PURAM		

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
						33	PANAGUDI		
						34	VALLIYOOR		
						35	TISAYANVILAI		
SANKARANKOIL TALUK									
36	KARIVAKLAMVANDANALLUR								
37	KURUKKALPATTI								
38	SANKARANKOIL								
39	SERNTHA MANGALAM								
40	VANNIKONENTHAL								
41	VEERASIGAMANI								
SENGOTTAI TALUK									
						42	ELATHUR		
						43	PANPOLI		
						44	SHENCOTTAI		
SIVAGIRI TALUK									
45	GUDALUR			46	VASUDEVANALLUR	47	SIVAGIRI		
TENKASI TALUK									
48	KALLURANI					49	TENKASI		
TIRUNELVELI TALUK									
						50	GANGAIKONDAN		
						51	MADHAVAKURICHI		
						52	NARANAMMALA PURAM		
						53	TIRUNELVELI		
THIRUVENGADAM TALUK									
54	KARISAL KULAM			55	THIRUVENGADAM				
56	PAZHANKOTTAI								
VEERAKERALAMPUDUR TALUK									
57	KARUVANTHA	58	VEERAKERALAM PUDUR						
59	SURANDAI								
60	UTHUMALAI								
TIRUPPUR DISTRICT (Total Firkas-33)									
AVINASHI TALUK									
1	AVINASHI(E)								
2	AVINASHI(W)								
3	CHEYUR								
4	PERUMANALLUR								
DHARAPURAM TALUK									
5	ALANGIYAM	6	DHARAPURAM						
7	KUNDADAM								
8	MULANUR								
9	KANNIVADI								
10	PONNAPURAM								
11	SANKARANDAM PALAYAM								
KANGEYAM TALUK									
12	KANGEYAM								
13	UTHIYUR								
14	NATHAKADAIYUR								
15	VELLAKOIL								
MADATHUKULAM TALUK									
		16	THUNGAVI			17	MADATHUKULAM		
PALLADAM TALUK									

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
18	KARADIVAMI								
19	PALLADAM								
20	PONGALUR								
21	SAMALAPURAM								
TIRUPPUR (N) TALUK									
22	VELAMPALAYAM	23	TIRUPPUR (N)						
TIRUPPUR (N) TALUK									
24	AVINASHI PALAYAM(S)			25	NALLUR				
26	TIRUPPUR (S)								
UDUMALPETTAI TALUK									
27	GUDIMANGALAM			28	UDUMALPET				
29	PERIAVALAVADI			30	KURICHIKOTTAI				
31	PETHAPPAMPATTI								
UTHUKULI TALUK									
32	KUNNATHUR								
33	UTHUKULI								
TIRUVARUR DISTRICT (Total Firkas-27)									
KODAVASL TALUK									
1	KODAVASAL								
2	KORADACHERI								
3	KULIKKARAI								
4	THIRUKKANNA MANGAI								
5	THIRUVIZHI MAZHAI								
MANNARGUDI TALUK									
				6	KOTTUR				
				7	MANNARGUDI				
				8	PALAIYUR				
				9	THALAIYA MANGALAM				
				10	ULLIKOTTAI				
				11	VADUVUR				
NANNILAM TALUK									
12	AGARATHIRU MALAM			13	SANNANALLUR				
14	PERALAM			15	NANNILAM				
NIDAMANGALAM TALUK									
		16	VADAPATHI MANGALAM	17	KOOTHANALLUR	18	NIDAMANGALAM		
THIRURHURAPOONDI TALUK									
						19	EDAIYUR		
						20	MUTHUPET		
						21	THIRUTHURAI POONDI		
						22	ALATHAMPADI		
TIRUVARUR TALUK									
				23	THIRUVARUR				
				24	KUNNIYUR				
VALANGAIMAN TALUK									
25	ALANGUDI								
26	AVOOR								
27	VALANGAIMAN								
TIRUVANAMALAI DISTRICT (Total Firkas-52)									
ARANI TALUK									
1	ARNI	2	KANNAMANGALAM	3	AGRAPALAYAM				
4	MULLIPATTU			5	SATHYAVIJAYA NAGARAM				

LALGUDI TALUK

(Xxi)

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
				1	VALADI	2	ANBIL		
				3	PERUVALPUR	4	KALLAKKUDI		
						5	LALGUDI		
						6	PULLAMBADI		
MANAPPARAI TALUK									
7	VAIYAMPATTI								
8	MANAPPARAI								
9	PANNAPPATTI								
10	V.PERIYAPATTI								
MANNACHANALLUR TALUK									
11	KARIYAMANICKAM			12	MANNACHA NALLUR				
				13	SIRUGAMBUR				
MARUNGAPURI TALUK									
14	MARUNGAPURI					15	VALANADU		
16	THUVARANGURICHI								
MUSIRI TALUK									
17	THUMBALAM			18	MUSIRI	19	AAMUR		
20	PULIVALAM								
21	THATHAIYANGAR PETTAI								
22	VALAIEDUPPU								
SRIRANGAM TALUK									
23	MANIKANDAM			24	ANDANALLUR	25	KULUMANI		
						26	SOMARASAN PETTAI		
						27	SRIRANGAM		
THOTTIYAM TALUK									
		28	EALURPATTI						
		29	KATTUPUTHUR						
		30	THOTTIYAM						
THURAIYUR TALUK									
31	KOPPAMPATTI								
32	THURAIYUR								
33	KANNANUR								
34	ERAGUDI								
35	SENGATTUP PATTI								
36	UPPILIYAPURAM								
TIRUVERUMBUR TALUK									
						37	NAVALPATTU		
						38	TIRUVERUMBUR		
						39	VENGUR		
TRICHY EAST TALUK									
						40	TRICHY NORTH		
						41	TRICHY SOUTH		
TRICHY WEST TALUK									
						42	TRICHY NORTH		
						43	TRICHY SOUTH		
VELLORE DISTRICT (Total Firkas-52)									
AMBUR TALUK									
1	AMBUR								
2	AGARAM								
3	MADHANUR								
4	THUTHIPATTU								

(x x n)

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
5	MELASANNAN KUPPAM								
ANAIKUT TALUK									
6	ANAIKUT	7	USSOOR						
8	PALLIKONDA								
9	ODUGATHUR								
ARAKKONAM TALUK									
		10	PALLUR	11	ARAKONAM (SOUTH)	12	ARAKONAM (NORTH)		
				13	PARANJI				
ARCOT TALUK									
14	ARCOT	15	MAMBAKKAM						
16	KALAVAI								
17	PUDUPADI								
18	TIMIRI								
GUDIYATHAM TALUK									
19	GUDIYATHAM(WEST)								
20	GUDIYATHAM(EAST)								
KADPADI TALUK									
21	K.V.KUPPAM			22	THIRUVALAM	23	MELPADI		
24	VADUGANTHANGAL								
25	KATPADI								
NATRAMPALLI TALUK									
26	AMMANANKOIL								
27	NATRAMPALLI								
NEMILI TALUK									
28	NEMILI			29	KAVERIPAKKAM	30	BANAVARAM		
				31	PANAPAKKAM				
PERNAMPATTU TALUK									
32	PERNAMPATTU								
33	MELPATTI								
34	VALATHUR								
TIRUPATHUR TALUK									
35	KANDHILI	36	PUDURNADU	37	JOLARPET				
38	KORATTI								
39	TIRUPATHUR								
VANIYAMBADI TALUK									
40	ANDIYAPPANUR	41	AMBALUR						
42	VANIYAMBADI								
43	ALANGAYAM								
VELLORE TALUK									
44	SATHUVACHARI			45	KANIYAMBADI				
46	PENNATHUR								
47	VELLORE								
WALAJAH TALUK									
48	WALAJAH			49	RANIPET	50	SHOLINGHUR		
				51	VELAM				
				52	VISHARAM				
VILLUPURAM DISTRICT (Total Firkas-57)									
CHINNA SALEM TALUK									
1	NAINARPALAYAM			2	CHINNASALEM				
				3	VADAKANANDAL				
				4	VELLIMALAI				

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
GINGEE TALUK									
5	GINGEE								
6	MELOLAKKUR								
7	SATHIYA MANGALAM								
8	VALLAM								
KALLAKURICHI TALUK									
9	INDILI	10	NAGALUR	11	KALLAKURICHI				
12	THIYAGADURGAM								
KANDACHIPURAM TALUK									
				13	MUGAIYUR	14	ARAKANDANALLUR		
MARAKKANAM TALUK									
15	BRAMMADESAM								
16	MARAKKANAM								
17	SIRUVADI								
MELMALAIYANUR TALUK									
18	AVALURPETTAI								
19	MELMALAIYANUR								
20	SATHAMPATI								
SANKARAPURAM TALUK									
						21	ALATHAUR		
						22	ARIYALUR		
						23	VADAPONPARAPI		
						24	SANKARAPURAM		
						25	RISHIVANDHIYAM		
						26	KALVARAYAN MALAI		
THIRUKOVILUR TALUK									
27	THIRUPPALA PANDAL	28	CHITHALINGA MADAM	29	T.V.NALLUR	30	THIRUKOVILUR		
				31	MANALURPETTAI				
TINDIVANAM TALUK									
32	TINDIVANAM	33	OLAKKUR	34	MAILAM	35	DEEVANUR		
		36	VADASIRUVALUR	37	AVANIPUR	38	RETTANAI		
ULUNDURPETTAI TALUK									
39	ELAVANASUR KOTTAI	40	ARASUR	41	SENGURICHI	42	THIRUNAVALLUR		
43	ERAIYUR	44	ULUNDURPETTAI						
45	KALAMARUDUR								
VANUR TALUK									
46	KILIYANUR			47	VANUR				
48	NEMILI								
49	UPPUVELUR								
VIKKIRAVANDI TALUK									
50	ANNIYUR					51	VIKKIRAVANDI		
52	KANJANUR								
53	SITHALAMPATTU								
VILLUPURAM TALUK									
54	VILLUPPURAM			55	KANAI	56	VALAVANUR		
				57	KANDAMANGALAM				
VIRUDHUNAGAR DISTRICT (Total Firkas-39)									
ARUPPUKOTTAI TALUK									
						1	ARUPPUKOTTAI		

(xxiv)

OVER EXPLOITED (Greater than 100%)		CRITICAL (Between 90 and 100%)		SEMI CRITICAL (Between 70 and 90%)		SAFE (Less than 70%)		SALINE / POOR QUALITY	
						2	PALAYAMAPATTI		
						3	PANDALKUDI		
						4	PARALATCHI		
						5	MANDAPASALAI		
KARIAPATTI TALUK									
6	MALLANKINAR					7	KALKURUCHI		
						8	KARIAPATTI		
						9	MUDUKKAN-KULAM		
RAJAPALAYAM TALUK									
10	CHOLAPURAM			11	IYANKOLLAN KONDAN	12	SEITHUR		
13	RAJAPALAYAM								
SATTUR TALUK									
						14	PADANTHAL		
						15	NENMENI		
						16	SATTUR		
						17	NALLI		
SIVAKASI TALUK									
		18	SALWARPATTI	19	SIVAKASI	20	THIRUTHANGAL		
		21	MANGALAM						
SRIVILLIPUTTUR TALUK									
22	NATHAMPATTI	23	SRIVILLIPUTTUR	24	KOTTAIYUR				
25	PILLAIYARKULAM			26	MALLI				
				27	WATRAP				
THIRUCHULI TALUK									
						28	A.MUKKULAM		
						29	NARIKUDI		
						30	THIRUCHULI		
						31	VEERACHOLAN		
VIRUDHUNAGAR TALUK									
32	VATCHAKARA-PATTI	33	ONDIPULINAIC KANUR			34	VIRUDHUNAGAR		
		35	AMATHUR						
VEMBAKOTTAI TALUK									
36	KEELARAJAKULA RAMAN	37	ALANGULAM	38	ELAYIRAMPANNAI				
39	VEMBAKOTTAI								
OVER EXPLOITED		CRITICAL		SEMI CRITICAL		SAFE		SALINE	
462		79		163		427		35	

K. MANIVASAN
PRINCIPAL SECRETARY TO GOVERNMENT

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Section Officer

29/10/2019

ABSTRACT to G.O(Ms)No. 161, Public Works(R2) Department, dated 23.10.2019

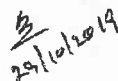
Groundwater Resources Assessment as on 2017

Sl.NO	District	Total No.of Firkas	Over Exploited	Critical	Semi Critical	Safe	Saline / Poor Quality
1	Ariyalur	15			1	14	
2	Chennai	20	20				
3	Coimbatore	38	26	5	6	1	
4	Cuddalore	32	7	1	5	18	1
5	Dharmapuri	23	15	4	2	2	
6	Dindugal	40	25	3	4	8	
7	Erode	34	16	5	6	7	
8	Kancheepuram	68	10	3	18	37	
9	Kanyakumari	18			1	17	
10	Karur	20	14		3	3	
11	Krishnagiri	29	14	3	6	6	
12	Madurai	51	11	3	7	30	
13	Nagappattinam	31	13			1	17
14	Namakkal	30	22	1	4	3	
15	Nilgiris	15				15	
16	Perambalur	11	7		1	3	
17	Pudhukottai	45		1	11	30	3
18	Ramanadhapuram	38				29	9
19	Salem	44	35		2	7	
20	Sivagangai	39			1	38	
21	Thanjavur	50	30	8	7	5	
22	Theni	17	2	2	7	6	
23	Thiruvallur	54	16	5	12	20	1
24	Thoothukudi	41	3	1	1	36	
25	Thirunelveli	60	19	3	9	29	
26	Tiruppur	33	26	3	3	1	
27	Thiruvarur	27	10	1	3	9	4
28	Thiruvannamalai	52	37	7	8		
29	Trichy	43	18	3	6	16	
30	Vellore	52	33	5	10	4	
31	Villupuram	57	25	6	13	13	
32	Viruthunagar	39	8	6	6	19	
	Total	1166	462	79	163	427	35

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