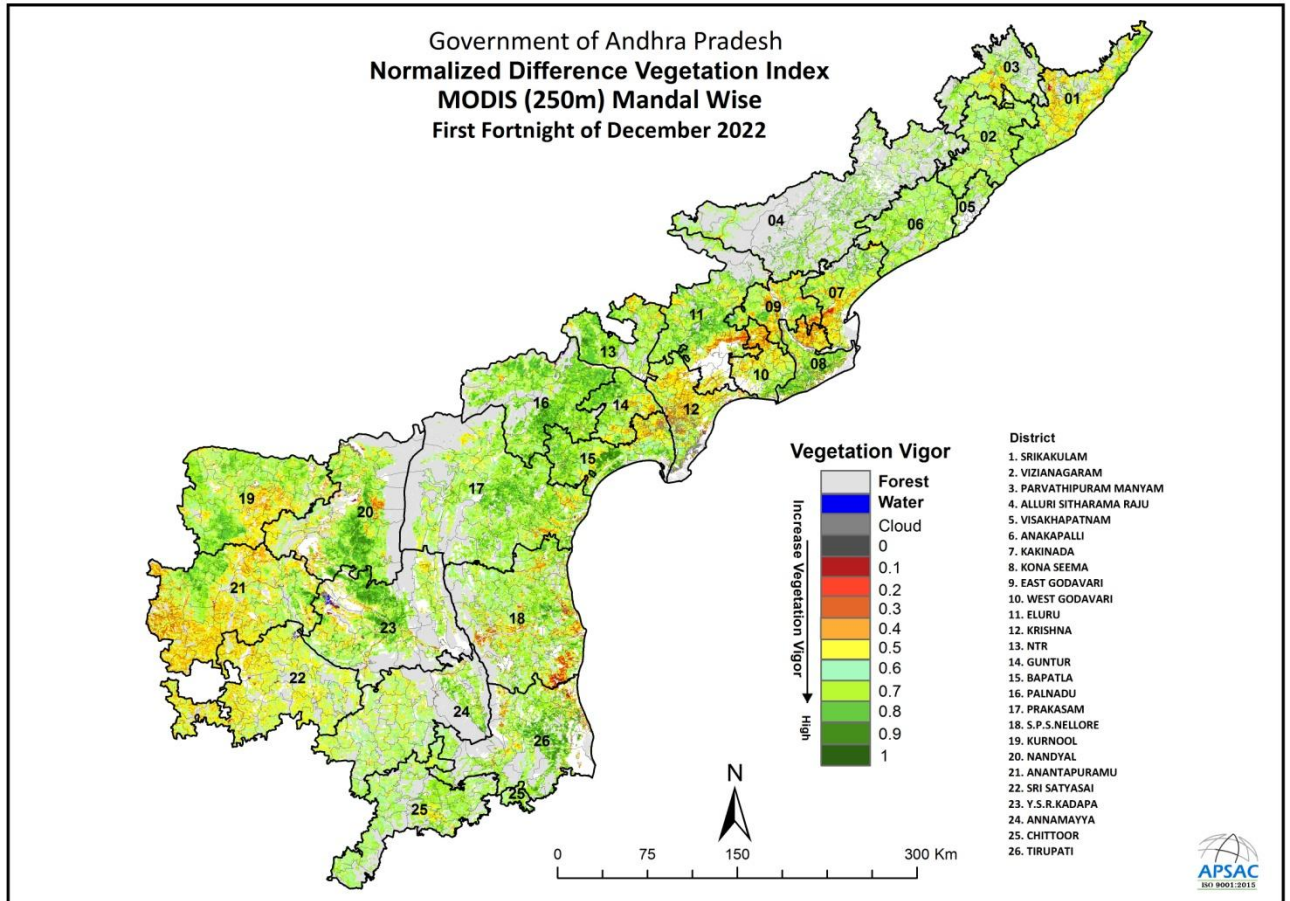




Technical Report: Drought Monitoring

Remote sensing Indicators (NDVI, NDWI and VCI) for Drought Declaration in Andhra Pradesh State up to 1st FN December 2022 (Rabi Season)



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Background

Advancements in satellite remote sensing technology has enabled regular monitoring of crop conditions/vigour over large regions. Among the various spectral vegetation indices commonly derived from remote sensing data, Normalized Difference Vegetation Index (NDVI) is most widely used for operational assessment of drought owing to the ease in calculation and interpretation and also its ability to partially compensate for the effects of atmosphere, illumination geometry etc. NDVI is derived using the formula $(NIR - Red) / (NIR + Red)$, where NIR and Red are the reflectance in visible and near infrared channels. Water, clouds and snow have higher reflectance in the visible region and consequently NDVI assumes negative values for these features. Bare soil and rocks exhibit similar reflectance in both visible and near IR regions and the index values are near zero. The NDVI values for vegetation generally range from 0.2 to 0.6, the higher index values being associated with greater green leaf area and biomass. Shortwave Infrared (SWIR) band is sensitive to moisture available in soil as well as in crop canopy. In the beginning of the cropping season, soil background is dominant hence SWIR is sensitive to soil moisture in the top 12 cm. As the crop growth progresses, SWIR becomes sensitive to leaf moisture content. SWIR band provides only surface wetness information. Normalized Difference Wetness Index (NDWI), computed using SWIR data, can complement NDVI for drought assessment particularly in the beginning of the cropping season. NDWI is derived as follows: $NDWI = (NIR - SWIR) / (NIR + SWIR)$ where, NIR and SWIR are the reflected radiation in Near Infrared and Shortwave Infrared channels. Higher values of NDWI signify more surface wetness. Satellite based crop condition anomalies which point towards agricultural drought can be generated by computing Vegetation Condition Index (VCI) of NDVI and VCI of NDWI. While combining VCI of NDVI and NDWI, the minimum of two values can be taken, i.e. if at least one is in Severe category, the category will be considered as Severe. If at least one is moderate then category will be taken as moderate (**As per the Drought manual:2016 and amendments**). Fortnightly (FN) NDVI, NDWI and VCI status is being generated and submitted to Andhra Pradesh State Disaster Management Authority and Revenue (DM) department for monitoring and Declaration of drought at mandal level in the state of Andhra Pradesh.

VCI Value (%)	Vegetation Condition	Description
60-100	Normal	Crop condition is Normal
40-60	Moderate	Crop condition is Moderate
0-40	Severe	Crop condition is Severe



The 26 districts of Andhra Pradesh have 679 mandals, It is identified that 369 mandals are in Normal, 137 mandals Moderate, and 161 mandals are in a severe category. The 12 mandals are excluded from the vegetation condition assessment as these mandals under predominantly urban or forest cover. The status of indicators at the district and mandal level are shown in Table 1 and Table 2 respectively.

Table 1: District wise number of Mandals under Normal, Moderate and Severe up to 1st FN December 2022.

Sno.	District	No. of Mandals	VCI		
			Normal	Moderate	Severe
1	A. Sitharama Raju	22	6	6	10
2	Anakapalli	24	5	9	10
3	Anantapuramu	31	25	3	3
4	Annamayya	30	30	0	0
5	Bapatla	25	10	3	12
6	Chittoor	31	25	4	2
7	East Godavari	19	4	2	13
8	Eluru	28	13	8	7
9	Guntur	18	4	3	10
10	Kakinada	21	4	6	11
11	Kona Seema	22	11	3	8
12	Krishna	25	1	5	19
13	Kurnool	26	17	6	2
14	Manyam	15	1	6	8
15	Nandyal	29	9	13	6
16	NTR	20	4	9	3
17	Palnadu	28	15	9	4
18	Prakasam	38	34	4	0
19	S.P.S.Nellore	38	35	0	2
20	Sri Satyasai	32	24	8	0
21	Srikakulam	30	7	12	11
22	Tirupati	34	32	1	1
23	Visakhapatnam	11	7	0	0
24	Vizianagaram	27	13	10	4
25	West Godavari	19	2	6	11
26	Y.S.R.Kadapa	36	31	1	4
Grand Total		679	369	137	161

***Note:**

- Twelve urban mandals are excluded from the vegetation condition assessment.
- The excluded mandals are as follows: Visakhapatnam (Seethammadhara, Maharani-peta, Gopalapatnam, Mulagada), NTR (Vijayawada North, Vijayawada East, Vijayawada Central, Vijayawada West), Guntur (Guntur urban), Kurnool (Kurnool urban), Nandyal (Srisailam) and S.P.S Nellore (Nellore urban).



Table 2: Mandal wise status: Normal, Moderate and Severe up 1st FN December 2022.

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0101	Srikakulam	Kothuru	0.47	0.49	0.59	0.43	23.31	Severe	0.27	0.29	0.44	0.21	29.26	Severe	Severe
0102	Srikakulam	Hiramandalam	0.44	0.48	0.52	0.43	7.37	Severe	0.34	0.31	0.43	0.26	49.12	Moderate	Severe
0103	Srikakulam	Lakshminarsupeta	0.46	0.44	0.48	0.41	74.29	Normal	0.28	0.23	0.33	0.20	58.40	Moderate	Moderate
0104	Srikakulam	Sarubujjili	0.45	0.47	0.52	0.43	24.42	Severe	0.25	0.26	0.34	0.22	25.64	Severe	Severe
0105	Srikakulam	Burja	0.54	0.51	0.55	0.46	84.88	Normal	0.34	0.31	0.38	0.28	65.00	Normal	Normal
0106	Srikakulam	Amadalavalasa	0.49	0.47	0.51	0.44	83.82	Normal	0.28	0.25	0.31	0.21	70.30	Normal	Normal
0107	Srikakulam	Ponduru	0.61	0.57	0.63	0.52	83.48	Normal	0.43	0.36	0.45	0.32	81.95	Normal	Normal
0108	Srikakulam	Ganguvarisigadam	0.59	0.56	0.62	0.52	66.98	Normal	0.40	0.36	0.41	0.29	89.83	Normal	Normal
0109	Srikakulam	Laveru	0.60	0.60	0.64	0.56	42.68	Moderate	0.40	0.39	0.43	0.36	54.79	Moderate	Moderate
0110	Srikakulam	Ranastalam	0.59	0.57	0.62	0.53	63.41	Normal	0.43	0.37	0.45	0.31	86.23	Normal	Normal
0111	Srikakulam	Etcherla	0.58	0.56	0.60	0.52	75.31	Normal	0.41	0.38	0.44	0.34	73.68	Normal	Normal
0112	Srikakulam	Srikakulam	0.48	0.47	0.50	0.43	80.88	Normal	0.29	0.26	0.32	0.21	76.58	Normal	Normal
0113	Srikakulam	Gara	0.50	0.49	0.55	0.44	51.69	Moderate	0.33	0.29	0.41	0.22	56.41	Moderate	Moderate
0114	Srikakulam	Polaki	0.48	0.47	0.52	0.43	49.43	Moderate	0.30	0.25	0.39	0.20	54.36	Moderate	Moderate
0115	Srikakulam	Narasannapeta	0.45	0.45	0.47	0.42	54.72	Moderate	0.24	0.22	0.31	0.19	44.09	Moderate	Moderate
0116	Srikakulam	Jalumuru	0.45	0.45	0.49	0.42	47.22	Moderate	0.24	0.23	0.29	0.20	46.15	Moderate	Moderate
0117	Srikakulam	Kotabommali	0.49	0.49	0.55	0.45	44.12	Moderate	0.29	0.27	0.40	0.22	37.29	Severe	Severe
0118	Srikakulam	Santhabommali	0.46	0.44	0.51	0.38	58.46	Moderate	0.33	0.28	0.45	0.20	54.12	Moderate	Moderate
0119	Srikakulam	Tekkali	0.49	0.49	0.55	0.44	44.74	Moderate	0.33	0.29	0.42	0.23	51.08	Moderate	Moderate
0120	Srikakulam	Saravakota	0.53	0.54	0.58	0.50	44.30	Moderate	0.35	0.34	0.40	0.29	50.43	Moderate	Moderate
0121	Srikakulam	Pathapatnam	0.52	0.53	0.57	0.48	44.32	Moderate	0.31	0.32	0.38	0.25	44.85	Moderate	Moderate
0122	Srikakulam	Meliaputti	0.54	0.56	0.62	0.51	30.28	Severe	0.36	0.37	0.46	0.28	44.38	Moderate	Severe
0123	Srikakulam	Nandigam	0.48	0.48	0.57	0.43	38.03	Severe	0.31	0.29	0.43	0.20	46.38	Moderate	Severe
0124	Srikakulam	Vajrapukothuru	0.56	0.57	0.64	0.44	56.72	Moderate	0.44	0.42	0.55	0.19	70.44	Normal	Moderate
0125	Srikakulam	Palasa	0.52	0.55	0.63	0.46	31.36	Severe	0.34	0.35	0.48	0.23	45.28	Moderate	Severe
0126	Srikakulam	Mandasa	0.57	0.60	0.69	0.51	33.15	Severe	0.41	0.42	0.54	0.29	49.20	Moderate	Severe
0127	Srikakulam	Sompeta	0.51	0.55	0.68	0.48	16.58	Severe	0.37	0.39	0.55	0.28	32.20	Severe	Severe
0128	Srikakulam	Kanchili	0.54	0.56	0.69	0.49	21.13	Severe	0.35	0.36	0.53	0.27	32.08	Severe	Severe
0129	Srikakulam	Kaviti	0.61	0.62	0.69	0.54	46.41	Moderate	0.50	0.49	0.58	0.35	66.52	Normal	Moderate
0130	Srikakulam	Ichchapuram	0.49	0.50	0.63	0.43	30.54	Severe	0.35	0.33	0.52	0.22	42.21	Moderate	Severe
0201	Vizianagaram	Vangara	0.51	0.49	0.58	0.43	50.64	Moderate	0.33	0.30	0.40	0.26	51.02	Moderate	Moderate
0202	Vizianagaram	Regidiamadalavalasa	0.56	0.53	0.60	0.48	64.96	Normal	0.38	0.33	0.41	0.29	72.50	Normal	Normal
0203	Vizianagaram	Santhakaviti	0.54	0.52	0.59	0.47	59.29	Moderate	0.36	0.32	0.40	0.27	65.12	Normal	Moderate
0204	Vizianagaram	Rajam	0.58	0.55	0.65	0.51	47.10	Moderate	0.40	0.34	0.46	0.29	63.37	Normal	Moderate
0205	Vizianagaram	Therlam	0.56	0.55	0.64	0.51	36.30	Severe	0.36	0.33	0.44	0.29	48.68	Moderate	Severe
0206	Vizianagaram	Bobbili	0.54	0.54	0.63	0.49	36.43	Severe	0.34	0.33	0.43	0.28	37.50	Severe	Severe
0207	Vizianagaram	Ramabhadrapuram	0.59	0.59	0.68	0.54	37.14	Severe	0.38	0.38	0.48	0.31	40.46	Moderate	Severe
0208	Vizianagaram	Badangi	0.56	0.54	0.62	0.49	55.28	Moderate	0.36	0.34	0.43	0.29	47.97	Moderate	Moderate
0209	Vizianagaram	Merakamudidam	0.60	0.59	0.66	0.55	49.07	Moderate	0.39	0.37	0.44	0.30	66.67	Normal	Moderate
0210	Vizianagaram	Garividi	0.58	0.57	0.63	0.54	43.01	Moderate	0.37	0.35	0.41	0.30	62.86	Normal	Moderate
0211	Vizianagaram	Cheepurupalle	0.60	0.58	0.61	0.55	75.00	Normal	0.39	0.36	0.40	0.33	78.87	Normal	Normal
0212	Vizianagaram	Gurla	0.54	0.53	0.57	0.48	64.04	Normal	0.35	0.31	0.37	0.24	84.38	Normal	Normal
0213	Vizianagaram	Gajapathinagaram	0.54	0.52	0.57	0.47	70.37	Normal	0.34	0.32	0.36	0.22	88.32	Normal	Normal
0214	Vizianagaram	Dattirajuru	0.55	0.54	0.61	0.50	50.43	Moderate	0.34	0.33	0.41	0.25	54.25	Moderate	Moderate
0215	Vizianagaram	Mentada	0.57	0.57	0.66	0.52	37.24	Severe	0.38	0.37	0.48	0.30	43.65	Moderate	Severe
0216	Vizianagaram	Bondapalle	0.57	0.55	0.63	0.48	56.38	Moderate	0.39	0.35	0.46	0.23	70.14	Normal	Moderate
0217	Vizianagaram	Nellimarla	0.56	0.54	0.59	0.49	73.12	Normal	0.38	0.33	0.38	0.26	98.40	Normal	Normal
0218	Vizianagaram	Pusapatirega	0.58	0.56	0.61	0.53	66.28	Normal	0.43	0.36	0.43	0.31	100.00	Normal	Normal
0219	Vizianagaram	Bhogapuram	0.57	0.56	0.61	0.50	63.16	Normal	0.40	0.37	0.42	0.28	87.68	Normal	Normal
0220	Vizianagaram	Denkada	0.56	0.53	0.59	0.46	74.44	Normal	0.39	0.34	0.40	0.22	92.78	Normal	Normal
0221	Vizianagaram	Vizianagaram	0.51	0.51	0.55	0.44	65.45	Normal	0.34	0.30	0.37	0.20	80.92	Normal	Normal
0222	Vizianagaram	Gantyada	0.56	0.54	0.62	0.48	59.71	Moderate	0.44	0.35	0.45	0.25	93.14	Normal	Moderate
0223	Vizianagaram	Srungavarapukota	0.58	0.57	0.65	0.51	51.41	Moderate	0.45	0.39	0.49	0.32	79.64	Normal	Moderate
0224	Vizianagaram	Jami	0.54	0.52	0.58	0.47	61.11	Normal	0.44	0.33	0.44	0.24	100.00	Normal	Normal



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0225	Vizianagaram	Kothavalasa	0.64	0.60	0.65	0.54	92.11	Normal	0.47	0.38	0.47	0.29	100.00	Normal	Normal
0226	Vizianagaram	Lakkavarapukota	0.54	0.51	0.58	0.43	72.33	Normal	0.42	0.32	0.42	0.18	100.00	Normal	Normal
0227	Vizianagaram	Vepada	0.59	0.55	0.63	0.48	71.33	Normal	0.43	0.35	0.44	0.23	93.81	Normal	Normal
0301	Manyam	Komarada	0.59	0.62	0.72	0.56	18.35	Severe	0.41	0.44	0.56	0.36	24.62	Severe	Severe
0302	Manyam	Gummalakshampuram	0.65	0.66	0.77	0.61	25.32	Severe	0.46	0.46	0.59	0.38	39.34	Severe	Severe
0303	Manyam	Kurupam	0.64	0.65	0.73	0.59	36.23	Severe	0.46	0.45	0.55	0.36	51.85	Moderate	Severe
0304	Manyam	Bhamini	0.56	0.56	0.66	0.49	41.04	Moderate	0.38	0.37	0.51	0.27	46.03	Moderate	Moderate
0305	Manyam	Seethampeta	0.66	0.67	0.73	0.63	32.99	Severe	0.50	0.48	0.55	0.42	59.38	Moderate	Severe
0306	Manyam	Palakonda	0.55	0.53	0.58	0.46	76.47	Normal	0.36	0.33	0.38	0.27	81.42	Normal	Normal
0307	Manyam	Veeraghattam	0.52	0.51	0.56	0.45	57.14	Moderate	0.33	0.31	0.36	0.26	66.67	Normal	Moderate
0308	Manyam	Jiyammavalasa	0.54	0.52	0.62	0.47	45.95	Moderate	0.37	0.32	0.44	0.25	62.43	Normal	Moderate
0309	Manyam	Garugubilli	0.44	0.47	0.54	0.40	26.52	Severe	0.27	0.27	0.36	0.22	36.50	Severe	Severe
0310	Manyam	Balijipeta	0.51	0.49	0.59	0.44	45.58	Moderate	0.31	0.28	0.39	0.24	47.92	Moderate	Moderate
0311	Manyam	Seethanagaram	0.52	0.53	0.61	0.47	36.36	Severe	0.32	0.32	0.42	0.28	29.86	Severe	Severe
0312	Manyam	Parvathipuram	0.51	0.53	0.62	0.48	26.03	Severe	0.31	0.31	0.43	0.26	29.17	Severe	Severe
0313	Manyam	Makkuva	0.59	0.57	0.66	0.51	51.01	Moderate	0.40	0.36	0.47	0.32	54.11	Moderate	Moderate
0314	Manyam	Salur	0.63	0.64	0.72	0.58	34.25	Severe	0.43	0.43	0.52	0.38	31.65	Severe	Severe
0315	Manyam	Pachipenta	0.62	0.62	0.68	0.57	49.09	Moderate	0.41	0.41	0.46	0.35	52.25	Moderate	Moderate
0401	Alluri Sitharama Raju	Munchingi Puttu	0.62	0.58	0.67	0.52	63.58	Normal	0.43	0.36	0.44	0.26	93.85	Normal	Normal
0402	Alluri Sitharama Raju	Peda Bayalu	0.64	0.59	0.68	0.54	72.59	Normal	0.43	0.34	0.43	0.25	100.00	Normal	Normal
0403	Alluri Sitharama Raju	Dumbriguda	0.61	0.57	0.66	0.50	67.30	Normal	0.37	0.31	0.42	0.20	73.97	Normal	Normal
0404	Alluri Sitharama Raju	Araku Valley	0.61	0.59	0.71	0.51	53.09	Moderate	0.36	0.33	0.47	0.20	58.96	Moderate	Moderate
0405	Alluri Sitharama Raju	Ananthagiri	0.71	0.70	0.78	0.63	48.67	Moderate	0.50	0.50	0.58	0.39	56.61	Moderate	Moderate
0406	Alluri Sitharama Raju	Hukumpeta	0.63	0.59	0.67	0.54	72.52	Normal	0.41	0.35	0.43	0.26	85.47	Normal	Normal
0407	Alluri Sitharama Raju	Paderu	0.68	0.66	0.71	0.61	72.64	Normal	0.49	0.44	0.51	0.36	84.93	Normal	Normal
0408	Alluri Sitharama Raju	G.Madugula	0.70	0.67	0.73	0.62	70.94	Normal	0.48	0.43	0.50	0.32	93.79	Normal	Normal
0409	Alluri Sitharama Raju	Chintapalle	0.70	0.69	0.77	0.64	44.03	Moderate	0.49	0.46	0.55	0.36	65.26	Normal	Moderate
0410	Alluri Sitharama Raju	Gudem Kotha Veedhi	0.73	0.71	0.77	0.68	51.58	Moderate	0.54	0.50	0.55	0.42	89.71	Normal	Moderate
0411	Alluri Sitharama Raju	Koyyuru	0.72	0.73	0.79	0.69	33.00	Severe	0.55	0.54	0.59	0.50	55.91	Moderate	Severe
0412	Alluri Sitharama Raju	Rajavommangi	0.67	0.67	0.74	0.63	37.84	Severe	0.50	0.48	0.55	0.44	53.04	Moderate	Severe
0413	Alluri Sitharama Raju	Addateegala	0.69	0.71	0.77	0.66	30.56	Severe	0.54	0.52	0.57	0.48	64.44	Normal	Severe
0414	Alluri Sitharama Raju	Gangavaram	0.68	0.68	0.74	0.63	41.51	Moderate	0.50	0.48	0.53	0.43	68.32	Normal	Moderate
0415	Alluri Sitharama Raju	Rampachodavaram	0.73	0.72	0.78	0.70	34.09	Severe	0.58	0.53	0.59	0.50	94.19	Normal	Severe
0416	Alluri Sitharama Raju	Devipatnam	0.65	0.69	0.71	0.65	0.00	Severe	0.52	0.51	0.55	0.48	65.33	Normal	Severe
0417	Alluri Sitharama Raju	Vararamachandrapuram	0.55	0.59	0.65	0.51	30.15	Severe	0.40	0.37	0.44	0.31	73.08	Normal	Severe
0418	Alluri Sitharama Raju	Kunavaram	0.57	0.60	0.66	0.52	33.81	Severe	0.42	0.40	0.44	0.36	78.16	Normal	Severe
0419	Alluri Sitharama Raju	Nellipaka	0.55	0.59	0.65	0.51	31.16	Severe	0.41	0.36	0.42	0.30	93.28	Normal	Severe
0420	Alluri Sitharama Raju	Chintur	0.58	0.61	0.67	0.53	39.31	Severe	0.41	0.38	0.45	0.31	70.63	Normal	Severe
0421	Alluri Sitharama Raju	Maredumilli	0.81	0.80	0.84	0.77	44.93	Moderate	0.65	0.63	0.66	0.59	90.91	Normal	Moderate
0422	Alluri Sitharama Raju	Y.Ramavaram	0.72	0.73	0.80	0.69	29.25	Severe	0.56	0.54	0.60	0.49	65.45	Normal	Severe
0501	Visakhapatnam	Padmanabham	0.58	0.54	0.59	0.49	96.94	Normal	0.44	0.33	0.44	0.25	100.00	Normal	Normal
0502	Visakhapatnam	Bheemunipatnam	0.58	0.54	0.60	0.48	88.24	Normal	0.44	0.34	0.44	0.23	100.00	Normal	Normal
0503	Visakhapatnam	Anandapuram	0.64	0.60	0.65	0.54	88.89	Normal	0.46	0.39	0.46	0.31	100.00	Normal	Normal
0504	Visakhapatnam	Pendurthi	0.59	0.58	0.63	0.53	62.50	Normal	0.44	0.39	0.48	0.31	77.33	Normal	Normal
0505	Visakhapatnam	Visakhapatnam (Rural)	0.63	0.58	0.64	0.50	97.08	Normal	0.48	0.40	0.48	0.33	100.00	Normal	Normal



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0506	Visakhapatnam	Seethammadhara	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
0507	Visakhapatnam	Maharanipeta	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
0508	Visakhapatnam	Gopalapatnam	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
0509	Visakhapatnam	Mulagada	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	1.01	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
0510	Visakhapatnam	Gajuwaka	0.61	0.60	0.67	0.50	64.37	Normal	0.47	0.42	0.50	0.30	87.56	Normal	Normal
0511	Visakhapatnam	Pedagantyada	0.55	0.51	0.61	0.44	66.27	Normal	0.42	0.35	0.44	0.24	89.16	Normal	Normal
0601	Anakapalli	Devarapalle	0.60	0.60	0.68	0.53	49.31	Moderate	0.44	0.43	0.51	0.36	55.48	Moderate	Moderate
0602	Anakapalli	K.Kotapadu	0.60	0.58	0.63	0.53	67.00	Normal	0.44	0.39	0.45	0.33	91.30	Normal	Normal
0603	Anakapalli	Sabbavaram	0.62	0.60	0.65	0.55	65.31	Normal	0.45	0.40	0.48	0.31	81.66	Normal	Normal
0604	Anakapalli	Paravada	0.59	0.57	0.65	0.48	67.70	Normal	0.43	0.37	0.46	0.25	85.71	Normal	Normal
0605	Anakapalli	Anakapalle	0.58	0.59	0.64	0.56	33.73	Severe	0.42	0.41	0.49	0.35	47.59	Moderate	Severe
0606	Anakapalli	Chodavaram	0.60	0.61	0.67	0.55	43.31	Moderate	0.44	0.44	0.51	0.37	52.99	Moderate	Moderate
0607	Anakapalli	Cheedikada	0.59	0.61	0.68	0.53	40.69	Moderate	0.44	0.43	0.51	0.36	57.62	Moderate	Moderate
0608	Anakapalli	Madugula	0.60	0.63	0.69	0.58	20.00	Severe	0.44	0.45	0.51	0.38	43.31	Moderate	Severe
0609	Anakapalli	Butchayyapeta	0.61	0.60	0.65	0.53	61.98	Normal	0.43	0.41	0.48	0.32	67.92	Normal	Normal
0610	Anakapalli	Kasimkota	0.62	0.61	0.67	0.54	57.14	Moderate	0.44	0.42	0.50	0.34	63.46	Normal	Moderate
0611	Anakapalli	Munagapaka	0.61	0.62	0.67	0.56	46.79	Moderate	0.44	0.44	0.51	0.35	58.33	Moderate	Moderate
0612	Anakapalli	Atchutapuram	0.59	0.58	0.64	0.50	65.49	Normal	0.42	0.38	0.47	0.27	77.55	Normal	Normal
0613	Anakapalli	Rambilli	0.52	0.55	0.61	0.48	29.69	Severe	0.44	0.42	0.51	0.29	69.30	Normal	Severe
0614	Anakapalli	Yelamanchili	0.60	0.62	0.67	0.56	30.28	Severe	0.46	0.46	0.54	0.39	46.75	Moderate	Severe
0615	Anakapalli	Makavarapalem	0.62	0.61	0.67	0.55	53.72	Moderate	0.45	0.41	0.49	0.35	75.00	Normal	Moderate
0616	Anakapalli	Ravikatham	0.63	0.65	0.74	0.58	31.65	Severe	0.45	0.46	0.56	0.37	44.21	Moderate	Severe
0617	Anakapalli	Rolugunta	0.63	0.65	0.73	0.59	26.39	Severe	0.45	0.46	0.56	0.40	35.63	Severe	Severe
0618	Anakapalli	Narsipatnam	0.60	0.62	0.66	0.57	29.67	Severe	0.43	0.44	0.50	0.37	45.74	Moderate	Severe
0619	Anakapalli	Golugonda	0.65	0.66	0.72	0.62	31.31	Severe	0.49	0.48	0.54	0.43	52.25	Moderate	Severe
0620	Anakapalli	Nathavaram	0.61	0.64	0.69	0.56	40.50	Moderate	0.47	0.48	0.52	0.39	59.23	Moderate	Moderate
0621	Anakapalli	Kotauratla	0.65	0.65	0.70	0.59	57.14	Moderate	0.48	0.46	0.51	0.40	70.27	Normal	Moderate
0622	Anakapalli	S.Rayavaram	0.57	0.61	0.67	0.56	9.82	Severe	0.44	0.48	0.56	0.38	35.00	Severe	Severe
0623	Anakapalli	Nakkapalle	0.61	0.61	0.66	0.56	50.50	Moderate	0.44	0.43	0.51	0.36	54.42	Moderate	Moderate
0624	Anakapalli	Payakaraopeta	0.58	0.63	0.68	0.58	0.00	Severe	0.44	0.50	0.56	0.44	0.00	Severe	Severe
0701	Kakinada	Kotananduru	0.54	0.59	0.65	0.54	0.00	Severe	0.41	0.44	0.51	0.34	42.11	Moderate	Severe
0702	Kakinada	Tuni	0.63	0.65	0.70	0.61	20.93	Severe	0.46	0.47	0.53	0.42	40.00	Moderate	Severe
0703	Kakinada	Rowthulapudi	0.67	0.69	0.72	0.65	29.73	Severe	0.49	0.50	0.54	0.45	41.76	Moderate	Severe
0704	Kakinada	Sankhavaram	0.69	0.68	0.71	0.66	58.93	Moderate	0.51	0.49	0.52	0.45	82.54	Normal	Moderate
0705	Kakinada	Thondangi	0.51	0.54	0.58	0.51	0.00	Severe	0.38	0.38	0.43	0.35	33.33	Severe	Severe
0706	Kakinada	Kothapalle	0.44	0.44	0.48	0.42	33.33	Severe	0.31	0.26	0.35	0.21	69.78	Normal	Severe
0707	Kakinada	Gollaprolu	0.55	0.55	0.57	0.52	56.86	Moderate	0.38	0.37	0.42	0.33	61.18	Normal	Moderate
0708	Kakinada	Prathipadu	0.63	0.63	0.66	0.60	40.74	Moderate	0.45	0.45	0.48	0.42	53.85	Moderate	Moderate
0709	Kakinada	Yeleswaram	0.58	0.60	0.62	0.58	12.77	Severe	0.41	0.41	0.45	0.37	48.28	Moderate	Severe
0710	Kakinada	Jaggampeta	0.57	0.59	0.62	0.56	26.87	Severe	0.42	0.40	0.45	0.37	62.35	Normal	Severe
0711	Kakinada	Gandepalle	0.57	0.58	0.60	0.55	42.59	Moderate	0.50	0.43	0.50	0.40	100.00	Normal	Moderate
0712	Kakinada	Peddapuram	0.54	0.57	0.62	0.53	10.11	Severe	0.36	0.37	0.44	0.32	32.52	Severe	Severe
0713	Kakinada	Kirlampudi	0.51	0.54	0.57	0.51	0.00	Severe	0.33	0.35	0.39	0.28	38.74	Severe	Severe
0714	Kakinada	Pithapuram	0.47	0.48	0.51	0.46	26.00	Severe	0.30	0.27	0.32	0.22	75.76	Normal	Severe
0715	Kakinada	Samalkota	0.37	0.38	0.43	0.34	39.56	Severe	0.37	0.24	0.37	0.18	100.00	Normal	Severe
0716	Kakinada	Kakinada (Rural)	0.48	0.46	0.50	0.42	78.75	Normal	0.39	0.26	0.39	0.21	100.00	Normal	Normal
0717	Kakinada	Kakinada (Urban)	0.47	0.44	0.51	0.37	70.14	Normal	0.33	0.26	0.33	0.20	100.00	Normal	Normal
0718	Kakinada	Pedapudi	0.40	0.38	0.43	0.34	72.22	Normal	0.30	0.28	0.41	0.19	49.30	Moderate	Moderate
0719	Kakinada	Karapa	0.44	0.42	0.48	0.37	64.66	Normal	0.36	0.27	0.36	0.22	100.00	Normal	Normal
0720	Kakinada	Kajuluru	0.45	0.42	0.48	0.37	66.96	Normal	0.41	0.31	0.41	0.20	100.00	Normal	Normal
0721	Kakinada	Thallarevu	0.47	0.45	0.51	0.41	57.29	Moderate	0.47	0.41	0.48	0.34	96.24	Normal	Moderate
0801	Kona Seema	Atreyapuram	0.38	0.40	0.44	0.36	23.86	Severe	0.38	0.36	0.42	0.31	61.32	Normal	Severe
0802	Kona Seema	Alamuru	0.38	0.39	0.44	0.34	42.11	Moderate	0.42	0.27	0.42	0.20	100.00	Normal	Moderate
0803	Kona Seema	Mandapeta	0.40	0.41	0.47	0.36	37.84	Severe	0.42	0.27	0.42	0.23	100.00	Normal	Severe
0804	Kona Seema	Rayavaram	0.36	0.38	0.46	0.30	38.46	Severe	0.41	0.24	0.41	0.15	100.00	Normal	Severe
0805	Kona Seema	Ramachandrapuram	0.41	0.40	0.44	0.35	67.74	Normal	0.41	0.24	0.41	0.16	100.00	Normal	Normal



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0806	Kona Seema	Pamarru	0.41	0.40	0.44	0.35	74.42	Normal	0.42	0.24	0.42	0.17	100.00	Normal	Normal
0807	Kona Seema	Kapileswarapuram	0.33	0.36	0.41	0.30	27.12	Severe	0.46	0.23	0.46	0.17	100.00	Normal	Severe
0808	Kona Seema	Ravulapalem	0.52	0.51	0.53	0.48	71.70	Normal	0.44	0.37	0.44	0.32	100.00	Normal	Normal
0809	Kona Seema	Kothapeta	0.54	0.53	0.56	0.50	72.31	Normal	0.47	0.39	0.47	0.30	100.00	Normal	Normal
0810	Kona Seema	Ainavilli	0.58	0.57	0.60	0.53	79.73	Normal	0.49	0.45	0.52	0.35	83.24	Normal	Normal
0811	Kona Seema	Mummidivaram	0.64	0.60	0.62	0.51	115.93	Normal	0.61	0.51	0.61	0.43	100.00	Normal	Normal
0812	Kona Seema	I. Polavaram	0.64	0.55	0.59	0.52	173.91	Normal	0.60	0.50	0.60	0.42	100.00	Normal	Normal
0813	Kona Seema	Katrenikona	0.51	0.52	0.55	0.47	53.41	Moderate	0.53	0.53	0.60	0.46	53.57	Moderate	Moderate
0814	Kona Seema	Uppalaguptam	0.60	0.54	0.57	0.51	149.12	Normal	0.60	0.54	0.60	0.50	94.44	Normal	Normal
0815	Kona Seema	Amalapuram	0.60	0.59	0.63	0.47	80.75	Normal	0.55	0.50	0.59	0.40	77.25	Normal	Normal
0816	Kona Seema	Ambajipeta	0.66	0.65	0.69	0.59	71.57	Normal	0.57	0.54	0.63	0.42	70.09	Normal	Normal
0817	Kona Seema	P.Gannavaram	0.45	0.54	0.58	0.45	0.00	Severe	0.46	0.47	0.56	0.40	36.48	Severe	Severe
0818	Kona Seema	Sakhinetipalle	0.59	0.59	0.66	0.55	37.27	Severe	0.57	0.63	0.68	0.56	2.61	Severe	Severe
0819	Kona Seema	Malikipuram	0.62	0.64	0.68	0.53	57.33	Moderate	0.54	0.60	0.67	0.49	28.90	Severe	Severe
0820	Kona Seema	Razole	0.61	0.62	0.67	0.56	44.83	Moderate	0.58	0.57	0.63	0.49	65.71	Normal	Moderate
0821	Kona Seema	Mamidikuduru	0.65	0.60	0.65	0.52	100.00	Normal	0.60	0.59	0.66	0.50	60.24	Normal	Normal
0822	Kona Seema	Allavaram	0.51	0.54	0.57	0.47	43.81	Moderate	0.50	0.54	0.60	0.46	29.79	Severe	Severe
0901	East Godavari	Gokavaram	0.55	0.58	0.61	0.53	20.00	Severe	0.37	0.39	0.44	0.33	34.58	Severe	Severe
0902	East Godavari	Korukonda	0.55	0.55	0.57	0.52	61.40	Normal	0.41	0.40	0.43	0.38	64.81	Normal	Normal
0903	East Godavari	Rajanagaram	0.59	0.57	0.61	0.53	76.06	Normal	0.46	0.42	0.46	0.39	98.51	Normal	Normal
0904	East Godavari	Rangampeta	0.58	0.59	0.65	0.54	39.64	Severe	0.43	0.40	0.48	0.33	69.74	Normal	Severe
0905	East Godavari	Biccavolu	0.40	0.40	0.45	0.34	59.26	Moderate	0.38	0.30	0.38	0.23	98.11	Normal	Moderate
0906	East Godavari	Anaparthi	0.37	0.41	0.47	0.36	8.77	Severe	0.41	0.29	0.41	0.22	100.00	Normal	Severe
0907	East Godavari	Kadium	0.49	0.49	0.52	0.44	68.35	Normal	0.37	0.34	0.39	0.31	78.41	Normal	Normal
0908	East Godavari	Rajahmundry (Rural)	0.40	0.43	0.46	0.39	5.56	Severe	0.35	0.35	0.39	0.32	48.00	Moderate	Severe
0909	East Godavari	Rajahmundry (Urban)	0.39	0.41	0.51	0.32	34.74	Severe	0.31	0.29	0.34	0.23	72.97	Normal	Severe
0910	East Godavari	Seethanagaram	0.47	0.53	0.61	0.47	0.00	Severe	0.31	0.32	0.42	0.28	21.53	Severe	Severe
0911	East Godavari	Tallapudi	0.45	0.49	0.56	0.45	4.50	Severe	0.29	0.30	0.36	0.26	27.72	Severe	Severe
0912	East Godavari	Gopalapuram	0.56	0.55	0.62	0.53	32.61	Severe	0.38	0.35	0.41	0.33	58.02	Moderate	Severe
0913	East Godavari	Devarapalle	0.56	0.60	0.68	0.53	20.14	Severe	0.39	0.43	0.51	0.36	16.44	Severe	Severe
0914	East Godavari	Nallajerla	0.61	0.57	0.66	0.53	60.94	Normal	0.44	0.37	0.44	0.32	98.25	Normal	Normal
0915	East Godavari	Kovvur	0.47	0.47	0.52	0.43	37.08	Severe	0.39	0.33	0.39	0.28	100.00	Normal	Severe
0916	East Godavari	Chagallu	0.60	0.59	0.65	0.55	47.57	Moderate	0.45	0.42	0.47	0.35	84.75	Normal	Moderate
0917	East Godavari	Nidadavole	0.46	0.48	0.54	0.46	2.44	Severe	0.32	0.31	0.35	0.27	61.54	Normal	Severe
0918	East Godavari	Undrajavaram	0.47	0.47	0.52	0.46	22.58	Severe	0.40	0.32	0.40	0.28	100.00	Normal	Severe
0919	East Godavari	Peravali	0.51	0.53	0.58	0.50	15.79	Severe	0.41	0.38	0.43	0.33	76.84	Normal	Severe
1001	West Godavari	Tadepalligudem	0.45	0.47	0.53	0.43	25.74	Severe	0.44	0.35	0.44	0.32	100.00	Normal	Severe
1002	West Godavari	Pentapadu	0.36	0.38	0.44	0.34	20.41	Severe	0.45	0.25	0.45	0.17	100.00	Normal	Severe
1003	West Godavari	Tanuku	0.40	0.42	0.49	0.38	15.04	Severe	0.40	0.26	0.40	0.20	100.00	Normal	Severe
1004	West Godavari	Attili	0.45	0.43	0.55	0.40	32.26	Severe	0.43	0.30	0.43	0.19	100.00	Normal	Severe
1005	West Godavari	Iragavaram	0.45	0.45	0.52	0.41	39.42	Severe	0.37	0.30	0.37	0.19	96.69	Normal	Severe
1006	West Godavari	Penugonda	0.48	0.49	0.54	0.45	35.48	Severe	0.38	0.35	0.39	0.23	96.79	Normal	Severe
1007	West Godavari	Penumantra	0.46	0.45	0.54	0.42	36.84	Severe	0.44	0.32	0.44	0.21	100.00	Normal	Severe
1008	West Godavari	Veeravasaram	0.50	0.50	0.65	0.45	27.04	Severe	0.42	0.38	0.54	0.31	45.45	Moderate	Severe
1009	West Godavari	Palacoderu	0.49	0.47	0.63	0.42	30.62	Severe	0.39	0.35	0.53	0.29	42.37	Moderate	Severe
1010	West Godavari	Undi	0.44	0.42	0.53	0.38	41.89	Moderate	0.43	0.35	0.48	0.30	72.07	Normal	Moderate
1011	West Godavari	Akividu	0.48	0.45	0.54	0.40	56.25	Moderate	0.51	0.46	0.57	0.40	61.90	Normal	Moderate
1012	West Godavari	Kalla	0.46	0.47	0.56	0.42	27.78	Severe	0.47	0.42	0.54	0.38	60.00	Normal	Severe
1013	West Godavari	Bhimavaram	0.51	0.47	0.59	0.41	58.19	Moderate	0.52	0.45	0.57	0.39	74.73	Normal	Moderate
1014	West Godavari	Mogalthur	0.58	0.56	0.60	0.52	81.08	Normal	0.56	0.56	0.62	0.47	62.91	Normal	Normal
1015	West Godavari	Narasapuram	0.58	0.52	0.63	0.48	70.34	Normal	0.58	0.52	0.62	0.47	74.51	Normal	Normal
1016	West Godavari	Palacole	0.55	0.52	0.63	0.48	43.06	Moderate	0.45	0.42	0.53	0.38	46.36	Moderate	Moderate
1017	West Godavari	Yelamanchili	0.61	0.62	0.67	0.56	43.12	Moderate	0.58	0.46	0.58	0.39	100.00	Normal	Moderate
1018	West Godavari	Poduru	0.52	0.51	0.58	0.48	36.45	Severe	0.48	0.38	0.48	0.32	100.00	Normal	Severe
1019	West Godavari	Achanta	0.53	0.52	0.59	0.47	47.32	Moderate	0.49	0.39	0.49	0.32	100.00	Normal	Moderate
1101	Eluru	Kukunoor	0.62	0.62	0.68	0.54	55.63	Moderate	0.48	0.43	0.48	0.37	100.00	Normal	Moderate



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			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1102	Eluru	Velairpadu	0.59	0.61	0.67	0.55	37.19	Severe	0.46	0.41	0.46	0.36	99.06	Normal	Severe
1103	Eluru	Polavaram	0.61	0.63	0.66	0.59	39.13	Severe	0.49	0.45	0.50	0.41	82.76	Normal	Severe
1104	Eluru	Buttayagudem	0.66	0.64	0.69	0.62	53.25	Moderate	0.48	0.45	0.50	0.42	78.75	Normal	Moderate
1105	Eluru	Jeelugu Milli	0.60	0.59	0.66	0.55	46.23	Moderate	0.41	0.37	0.44	0.33	68.91	Normal	Moderate
1106	Eluru	Jangareddigudem	0.56	0.54	0.59	0.50	63.74	Normal	0.36	0.33	0.39	0.29	71.58	Normal	Normal
1107	Eluru	Koyyalagudem	0.53	0.50	0.56	0.46	68.75	Normal	0.31	0.27	0.34	0.22	77.19	Normal	Normal
1108	Eluru	Dwaraka Tirumala	0.66	0.64	0.71	0.60	55.86	Moderate	0.50	0.45	0.50	0.41	100.00	Normal	Moderate
1109	Eluru	Kamavarapukota	0.67	0.63	0.69	0.60	80.72	Normal	0.48	0.43	0.48	0.41	100.00	Normal	Normal
1110	Eluru	T.Narasapuram	0.66	0.62	0.68	0.59	80.65	Normal	0.48	0.43	0.48	0.38	94.90	Normal	Normal
1111	Eluru	Chintalapudi	0.59	0.58	0.63	0.55	53.85	Moderate	0.42	0.40	0.47	0.35	62.30	Normal	Moderate
1112	Eluru	Chatrai	0.57	0.54	0.59	0.52	78.67	Normal	0.38	0.33	0.40	0.29	83.78	Normal	Normal
1113	Eluru	Lingapalem	0.62	0.55	0.63	0.49	91.43	Normal	0.45	0.35	0.45	0.28	100.00	Normal	Normal
1114	Eluru	Pedavegi	0.68	0.62	0.67	0.58	102.22	Normal	0.52	0.43	0.52	0.39	100.00	Normal	Normal
1115	Eluru	Denduluru	0.51	0.50	0.58	0.47	41.28	Moderate	0.44	0.34	0.44	0.32	100.00	Normal	Moderate
1116	Eluru	Bhimadole	0.40	0.43	0.54	0.39	8.84	Severe	0.45	0.33	0.45	0.30	100.00	Normal	Severe
1117	Eluru	Ungutur	0.39	0.41	0.48	0.39	6.12	Severe	0.46	0.32	0.46	0.29	100.00	Normal	Severe
1118	Eluru	Ganapavaram	0.42	0.41	0.49	0.38	33.33	Severe	0.49	0.30	0.49	0.23	100.00	Normal	Severe
1119	Eluru	Nidamaru	0.55	0.41	0.46	0.34	177.69	Normal	0.55	0.45	0.55	0.41	100.00	Normal	Normal
1120	Eluru	Kaikalur	0.43	0.46	0.50	0.38	44.35	Moderate	0.38	0.40	0.47	0.29	50.00	Moderate	Moderate
1121	Eluru	Kalidindi	0.45	0.45	0.52	0.37	54.11	Moderate	0.46	0.43	0.52	0.33	69.40	Normal	Moderate
1122	Eluru	Mudinepalle	0.43	0.47	0.54	0.40	20.71	Severe	0.35	0.40	0.51	0.30	23.94	Severe	Severe
1123	Eluru	Mandavalli	0.45	0.42	0.47	0.36	82.30	Normal	0.35	0.35	0.42	0.25	60.00	Normal	Normal
1124	Eluru	Eluru	0.49	0.50	0.57	0.46	28.70	Severe	0.44	0.39	0.47	0.34	78.13	Normal	Severe
1125	Eluru	Pedapadu	0.52	0.49	0.53	0.46	82.61	Normal	0.42	0.36	0.45	0.31	78.87	Normal	Normal
1126	Eluru	Agiripalle	0.61	0.60	0.66	0.54	61.54	Normal	0.44	0.39	0.47	0.32	82.35	Normal	Normal
1127	Eluru	Nuzvid	0.65	0.60	0.67	0.56	78.95	Normal	0.48	0.39	0.48	0.34	100.00	Normal	Normal
1128	Eluru	Musunuru	0.64	0.57	0.65	0.53	92.74	Normal	0.47	0.36	0.47	0.31	100.00	Normal	Normal
1201	Krishna	Gannavaram	0.52	0.53	0.60	0.48	28.93	Severe	0.38	0.37	0.46	0.32	41.48	Moderate	Severe
1202	Krishna	Bapulapadu	0.57	0.55	0.61	0.51	58.95	Moderate	0.44	0.38	0.44	0.34	100.00	Normal	Moderate
1203	Krishna	Nandivada	0.42	0.44	0.49	0.38	41.90	Moderate	0.43	0.43	0.48	0.40	44.87	Moderate	Moderate
1204	Krishna	Unguturu	0.44	0.46	0.53	0.41	27.97	Severe	0.30	0.32	0.44	0.25	25.00	Severe	Severe
1205	Krishna	Kankipadu	0.47	0.46	0.49	0.43	66.13	Normal	0.30	0.30	0.34	0.23	58.18	Moderate	Moderate
1206	Krishna	Penamaluru	0.50	0.48	0.54	0.44	56.00	Moderate	0.36	0.34	0.42	0.27	59.86	Moderate	Moderate
1207	Krishna	Thotlavalluru	0.50	0.51	0.55	0.49	15.87	Severe	0.40	0.37	0.42	0.33	79.55	Normal	Severe
1208	Krishna	Vuyyuru	0.50	0.44	0.48	0.42	132.79	Normal	0.36	0.28	0.37	0.24	92.25	Normal	Normal
1209	Krishna	Pedaparupudi	0.43	0.40	0.47	0.36	61.06	Normal	0.29	0.24	0.38	0.21	46.86	Moderate	Moderate
1210	Krishna	Gudivada	0.42	0.45	0.53	0.40	14.96	Severe	0.31	0.34	0.47	0.31	2.42	Severe	Severe
1211	Krishna	Gudlalleru	0.45	0.45	0.49	0.40	52.08	Moderate	0.31	0.31	0.42	0.24	37.22	Severe	Severe
1212	Krishna	Pamaru	0.38	0.40	0.44	0.35	33.72	Severe	0.30	0.24	0.32	0.17	85.81	Normal	Severe
1213	Krishna	Pamidimukkala	0.39	0.46	0.52	0.39	0.00	Severe	0.30	0.32	0.44	0.25	28.72	Severe	Severe
1214	Krishna	Movva	0.37	0.46	0.52	0.37	0.00	Severe	0.31	0.34	0.48	0.27	20.19	Severe	Severe
1215	Krishna	Guduru	0.43	0.54	0.61	0.43	0.00	Severe	0.35	0.45	0.56	0.35	1.43	Severe	Severe
1216	Krishna	Pedana	0.46	0.52	0.57	0.44	12.31	Severe	0.39	0.42	0.50	0.34	30.72	Severe	Severe
1217	Krishna	Bantumilli	0.43	0.51	0.60	0.43	0.00	Severe	0.34	0.42	0.51	0.32	10.31	Severe	Severe
1218	Krishna	Kruthivennu	0.41	0.45	0.50	0.41	0.00	Severe	0.42	0.45	0.52	0.35	40.23	Moderate	Severe
1219	Krishna	Machilipatnam	0.44	0.48	0.52	0.43	8.99	Severe	0.44	0.44	0.51	0.38	43.88	Moderate	Severe
1220	Krishna	Koduru	0.32	0.42	0.47	0.32	0.00	Severe	0.41	0.54	0.65	0.41	0.00	Severe	Severe
1221	Krishna	Nagayalanka	0.31	0.44	0.48	0.31	0.00	Severe	0.41	0.54	0.62	0.41	0.00	Severe	Severe
1222	Krishna	Avanigadda	0.46	0.60	0.66	0.46	0.00	Severe	0.41	0.52	0.62	0.41	0.00	Severe	Severe
1223	Krishna	Mopidevi	0.38	0.54	0.62	0.38	0.00	Severe	0.34	0.46	0.61	0.32	6.55	Severe	Severe
1224	Krishna	Challapalle	0.34	0.54	0.62	0.34	0.00	Severe	0.29	0.45	0.58	0.29	0.00	Severe	Severe
1225	Krishna	Ghantasala	0.32	0.51	0.60	0.32	0.00	Severe	0.28	0.42	0.58	0.28	0.00	Severe	Severe
1301	NTR	Gampalagudem	0.62	0.63	0.68	0.56	53.60	Moderate	0.49	0.44	0.50	0.31	94.74	Normal	Moderate
1302	NTR	Tiruvuru	0.49	0.50	0.59	0.46	22.73	Severe	0.36	0.31	0.45	0.21	60.73	Normal	Severe
1303	NTR	Vissannapet	0.57	0.57	0.65	0.52	43.31	Moderate	0.38	0.36	0.46	0.29	55.81	Moderate	Moderate
1304	NTR	A.Konduru	0.59	0.60	0.67	0.56	28.45	Severe	0.41	0.40	0.48	0.31	59.88	Moderate	Severe



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1305	NTR	Reddigudem	0.56	0.55	0.63	0.51	45.38	Moderate	0.40	0.35	0.44	0.28	73.89	Normal	Moderate
1306	NTR	Mylavaram	0.61	0.60	0.67	0.56	45.54	Moderate	0.44	0.41	0.48	0.32	75.16	Normal	Moderate
1307	NTR	G.Konduru	0.62	0.60	0.66	0.55	62.18	Normal	0.47	0.43	0.49	0.35	85.52	Normal	Normal
1308	NTR	Veerullapadu	0.67	0.67	0.73	0.58	60.26	Normal	0.50	0.46	0.53	0.33	83.82	Normal	Normal
1309	NTR	Nandigama	0.67	0.67	0.73	0.60	53.13	Moderate	0.53	0.48	0.56	0.38	82.78	Normal	Moderate
1310	NTR	Penuganchiprolu	0.68	0.67	0.73	0.61	58.97	Moderate	0.54	0.49	0.60	0.38	71.56	Normal	Moderate
1311	NTR	Vatsavai	0.67	0.69	0.75	0.63	37.70	Severe	0.51	0.51	0.57	0.38	71.12	Normal	Severe
1312	NTR	Jaggayapeta	0.56	0.56	0.62	0.47	62.50	Normal	0.38	0.36	0.44	0.19	75.82	Normal	Normal
1313	NTR	Chandarlalpadu	0.70	0.69	0.75	0.62	60.00	Normal	0.55	0.50	0.57	0.38	90.66	Normal	Normal
1314	NTR	Kanchikacherla	0.64	0.64	0.70	0.56	53.19	Moderate	0.48	0.44	0.51	0.32	87.05	Normal	Moderate
1315	NTR	Ibrahimpatnam	0.56	0.55	0.60	0.50	53.68	Moderate	0.45	0.40	0.45	0.34	100.00	Normal	Moderate
1316	NTR	Vijayawada (Rural)	0.54	0.52	0.61	0.47	51.88	Moderate	0.43	0.36	0.47	0.30	75.86	Normal	Moderate
1317	NTR	Vijayawada North	0.51	#N/A	#N/A	#N/A	#N/A	#N/A	0.37	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1318	NTR	Vijayawada East	0.38	#N/A	#N/A	#N/A	#N/A	#N/A	0.22	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1319	NTR	Vijayawada Central	0.55	#N/A	#N/A	#N/A	#N/A	#N/A	0.38	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1320	NTR	Vijayawada West	0.56	#N/A	#N/A	#N/A	#N/A	#N/A	0.46	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1401	Guntur	Thullur	0.66	0.57	0.70	0.45	84.80	Normal	0.53	0.41	0.54	0.27	93.53	Normal	Normal
1402	Guntur	Tadepalle	0.56	0.56	0.61	0.53	42.53	Moderate	0.46	0.43	0.48	0.38	85.11	Normal	Moderate
1403	Guntur	Mangalagiri	0.62	0.57	0.65	0.51	80.00	Normal	0.50	0.41	0.50	0.35	95.54	Normal	Normal
1404	Guntur	Tadikonda	0.74	0.69	0.74	0.63	93.69	Normal	0.59	0.52	0.60	0.43	92.98	Normal	Normal
1405	Guntur	Medikonduru	0.71	0.70	0.76	0.67	48.94	Moderate	0.56	0.52	0.62	0.46	61.96	Normal	Moderate
1406	Guntur	Phirangipuram	0.68	0.69	0.78	0.64	31.25	Severe	0.53	0.51	0.65	0.40	54.94	Moderate	Severe
1407	Guntur	Guntur Rural	0.63	0.61	0.67	0.53	68.49	Normal	0.48	0.43	0.53	0.31	75.45	Normal	Normal
1408	Guntur	Guntur Urban	0.53	#N/A	#N/A	#N/A	#N/A	#N/A	0.41	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1409	Guntur	Pedakakani	0.50	0.57	0.66	0.48	15.38	Severe	0.41	0.45	0.58	0.29	43.34	Moderate	Severe
1410	Guntur	Duggirala	0.49	0.51	0.57	0.45	29.41	Severe	0.41	0.39	0.52	0.27	55.74	Moderate	Severe
1411	Guntur	Kollipara	0.46	0.48	0.53	0.45	17.50	Severe	0.38	0.35	0.44	0.29	57.14	Moderate	Severe
1412	Guntur	Tenali	0.44	0.50	0.54	0.43	15.52	Severe	0.39	0.38	0.47	0.24	66.67	Normal	Severe
1413	Guntur	Chebrolu	0.55	0.59	0.69	0.53	7.79	Severe	0.46	0.47	0.62	0.36	37.21	Severe	Severe
1414	Guntur	Vatticherukuru	0.60	0.64	0.72	0.56	25.63	Severe	0.50	0.51	0.64	0.39	47.04	Moderate	Severe
1415	Guntur	Prathipadu	0.63	0.63	0.66	0.60	48.15	Moderate	0.48	0.45	0.48	0.42	95.38	Normal	Moderate
1416	Guntur	Pedanandipadu	0.55	0.61	0.68	0.51	21.02	Severe	0.39	0.43	0.52	0.29	45.11	Moderate	Severe
1417	Guntur	Kakumanu	0.53	0.59	0.68	0.49	21.94	Severe	0.48	0.48	0.58	0.38	48.77	Moderate	Severe
1418	Guntur	Ponnur	0.47	0.56	0.65	0.47	0.00	Severe	0.42	0.48	0.61	0.38	17.54	Severe	Severe
1501	Bapatla	Tsundur	0.44	0.51	0.60	0.43	4.82	Severe	0.37	0.42	0.50	0.29	38.89	Severe	Severe
1502	Bapatla	Amruthalur	0.42	0.53	0.57	0.42	0.00	Severe	0.39	0.46	0.60	0.39	0.00	Severe	Severe
1503	Bapatla	Vemuru	0.43	0.51	0.56	0.43	0.00	Severe	0.41	0.42	0.49	0.33	47.20	Moderate	Severe
1504	Bapatla	Kollur	0.36	0.51	0.55	0.36	0.00	Severe	0.33	0.36	0.40	0.31	26.09	Severe	Severe
1505	Bapatla	Bhattiprolu	0.46	0.57	0.68	0.46	0.00	Severe	0.40	0.48	0.53	0.40	0.00	Severe	Severe
1506	Bapatla	Repalle	0.53	0.58	0.64	0.51	16.94	Severe	0.48	0.54	0.60	0.45	23.23	Severe	Severe
1507	Bapatla	Nizampatnam	0.59	0.62	0.68	0.55	28.91	Severe	0.54	0.56	0.60	0.45	59.73	Moderate	Severe
1508	Bapatla	Nagaram	0.57	0.66	0.77	0.54	12.23	Severe	0.49	0.57	0.67	0.49	0.00	Severe	Severe
1509	Bapatla	Cherukupalle	0.47	0.57	0.67	0.47	0.00	Severe	0.44	0.49	0.61	0.40	18.43	Severe	Severe
1510	Bapatla	Pittalavanipalem	0.52	0.63	0.71	0.52	0.00	Severe	0.48	0.54	0.65	0.46	7.53	Severe	Severe
1511	Bapatla	Karlalalem	0.54	0.59	0.67	0.48	30.69	Severe	0.49	0.49	0.61	0.40	41.26	Moderate	Severe
1512	Bapatla	Bapatla	0.67	0.69	0.74	0.56	60.89	Normal	0.58	0.56	0.63	0.38	78.05	Normal	Normal
1513	Bapatla	Chirala	0.66	0.59	0.70	0.50	79.60	Normal	0.54	0.45	0.55	0.29	95.82	Normal	Normal
1514	Bapatla	Karamchedu	0.65	0.65	0.73	0.52	60.58	Normal	0.48	0.51	0.61	0.33	53.33	Moderate	Moderate
1515	Bapatla	Parchur	0.55	0.56	0.64	0.43	56.52	Moderate	0.39	0.40	0.51	0.27	52.30	Moderate	Moderate
1516	Bapatla	Yeddanapudi	0.61	0.58	0.67	0.48	65.31	Normal	0.42	0.38	0.52	0.26	63.67	Normal	Normal
1517	Bapatla	Martur	0.64	0.58	0.67	0.49	83.24	Normal	0.45	0.37	0.49	0.26	80.93	Normal	Normal
1518	Bapatla	Ballikurava	0.67	0.63	0.72	0.56	72.50	Normal	0.51	0.44	0.57	0.35	71.23	Normal	Normal
1519	Bapatla	Santhamaguluru	0.71	0.65	0.75	0.58	75.14	Normal	0.56	0.48	0.60	0.36	85.96	Normal	Normal
1520	Bapatla	Addanki	0.64	0.62	0.70	0.52	65.52	Normal	0.50	0.43	0.51	0.27	92.56	Normal	Normal
1521	Bapatla	Korisapadu	0.64	0.59	0.67	0.49	82.22	Normal	0.48	0.37	0.48	0.24	100.00	Normal	Normal
1522	Bapatla	Janakavarampanguluru	0.63	0.62	0.70	0.55	54.78	Moderate	0.45	0.42	0.51	0.31	68.18	Normal	Moderate



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1523	Bapatla	Inkollu	0.52	0.57	0.65	0.49	18.95	Severe	0.31	0.37	0.47	0.28	16.40	Severe	Severe
1524	Bapatla	Chinaganjam	0.57	0.51	0.56	0.46	106.00	Normal	0.43	0.36	0.43	0.33	100.00	Normal	Normal
1525	Bapatla	Vetapalem	0.60	0.53	0.58	0.50	121.84	Normal	0.43	0.32	0.43	0.25	100.00	Normal	Normal
1601	Palnadu	Atchampet	0.69	0.67	0.72	0.62	68.93	Normal	0.52	0.47	0.52	0.37	95.36	Normal	Normal
1602	Palnadu	Amaravathi	0.70	0.67	0.73	0.61	78.63	Normal	0.55	0.48	0.55	0.38	100.00	Normal	Normal
1603	Palnadu	Pedakurapadu	0.72	0.72	0.79	0.67	44.64	Moderate	0.57	0.54	0.62	0.45	71.75	Normal	Moderate
1604	Palnadu	Krosuru	0.70	0.67	0.74	0.58	77.50	Normal	0.53	0.47	0.57	0.30	85.07	Normal	Normal
1605	Palnadu	Bellamkonda	0.54	0.57	0.66	0.52	14.58	Severe	0.50	0.40	0.50	0.25	100.00	Normal	Severe
1606	Palnadu	Machavaram	0.65	0.63	0.69	0.56	66.39	Normal	0.50	0.44	0.51	0.32	97.89	Normal	Normal
1607	Palnadu	Piduguralla	0.63	0.64	0.71	0.58	41.79	Moderate	0.47	0.47	0.58	0.34	55.37	Moderate	Moderate
1608	Palnadu	Rajupalem	0.62	0.62	0.73	0.53	43.98	Moderate	0.44	0.42	0.59	0.26	54.41	Moderate	Moderate
1609	Palnadu	Sattenapalle	0.70	0.70	0.77	0.63	48.98	Moderate	0.53	0.51	0.63	0.38	61.16	Normal	Moderate
1610	Palnadu	Muppalla	0.65	0.66	0.80	0.59	25.36	Severe	0.49	0.50	0.70	0.36	39.04	Severe	Severe
1611	Palnadu	Nekarikallu	0.66	0.61	0.76	0.52	59.48	Moderate	0.52	0.44	0.64	0.27	68.11	Normal	Moderate
1612	Palnadu	Ipur	0.70	0.62	0.69	0.54	102.56	Normal	0.54	0.43	0.54	0.28	100.00	Normal	Normal
1613	Palnadu	Karempudi	0.62	0.64	0.72	0.57	31.33	Severe	0.47	0.47	0.59	0.33	52.96	Moderate	Severe
1614	Palnadu	Dachepalle	0.65	0.62	0.69	0.54	71.61	Normal	0.45	0.42	0.50	0.25	80.95	Normal	Normal
1615	Palnadu	Gurazala	0.65	0.65	0.72	0.54	61.83	Normal	0.49	0.46	0.58	0.26	71.65	Normal	Normal
1616	Palnadu	Rentachintala	0.58	0.59	0.66	0.49	54.02	Moderate	0.41	0.41	0.52	0.23	60.21	Normal	Moderate
1617	Palnadu	Macherla	0.58	0.57	0.64	0.46	67.04	Normal	0.35	0.34	0.42	0.17	72.00	Normal	Normal
1618	Palnadu	Veldurthi	0.64	0.57	0.66	0.43	89.45	Normal	0.40	0.32	0.40	0.15	100.00	Normal	Normal
1619	Palnadu	Durgi	0.64	0.61	0.66	0.52	80.95	Normal	0.43	0.40	0.45	0.25	90.00	Normal	Normal
1620	Palnadu	Bollapalle	0.67	0.61	0.69	0.49	90.69	Normal	0.49	0.41	0.49	0.29	100.00	Normal	Normal
1621	Palnadu	Vinukonda	0.62	0.61	0.68	0.53	62.67	Normal	0.45	0.41	0.47	0.28	85.94	Normal	Normal
1622	Palnadu	Nuzendla	0.62	0.62	0.70	0.54	50.93	Moderate	0.45	0.40	0.50	0.28	76.68	Normal	Moderate
1623	Palnadu	Savalyapuram	0.73	0.67	0.78	0.56	77.27	Normal	0.58	0.49	0.64	0.29	83.62	Normal	Normal
1624	Palnadu	Rompicherla	0.75	0.67	0.82	0.56	75.20	Normal	0.61	0.50	0.68	0.30	79.58	Normal	Normal
1625	Palnadu	Narasaraopet	0.66	0.65	0.77	0.55	50.91	Moderate	0.50	0.46	0.62	0.32	58.47	Moderate	Moderate
1626	Palnadu	Nadendla	0.64	0.70	0.77	0.64	0.00	Severe	0.50	0.51	0.62	0.42	37.25	Severe	Severe
1627	Palnadu	Edlapadu	0.63	0.64	0.70	0.59	41.03	Moderate	0.47	0.45	0.55	0.36	56.52	Moderate	Moderate
1628	Palnadu	Chilakaluripet	0.62	0.60	0.68	0.52	63.52	Normal	0.44	0.38	0.51	0.25	73.85	Normal	Normal
1701	Prakasam	Yerragondapalem	0.53	0.54	0.66	0.37	53.52	Moderate	0.31	0.31	0.42	0.14	61.65	Normal	Moderate
1702	Prakasam	Pullalacheruvu	0.57	0.54	0.64	0.40	69.01	Normal	0.38	0.33	0.43	0.19	78.28	Normal	Normal
1703	Prakasam	Tripuranthakam	0.58	0.58	0.68	0.48	53.27	Moderate	0.42	0.39	0.48	0.26	72.25	Normal	Moderate
1704	Prakasam	Peda Araveedu	0.54	0.52	0.65	0.34	64.94	Normal	0.32	0.26	0.39	0.06	77.08	Normal	Normal
1705	Prakasam	Dornala	0.57	0.55	0.65	0.43	64.81	Normal	0.35	0.30	0.39	0.15	82.01	Normal	Normal
1706	Prakasam	Markapur	0.57	0.51	0.63	0.36	79.48	Normal	0.36	0.28	0.37	0.08	96.92	Normal	Normal
1707	Prakasam	Donakonda	0.57	0.56	0.68	0.39	62.02	Normal	0.35	0.32	0.43	0.12	74.37	Normal	Normal
1708	Prakasam	Kurichedu	0.61	0.62	0.71	0.50	52.63	Moderate	0.42	0.38	0.48	0.21	78.49	Normal	Moderate
1709	Prakasam	Darsi	0.65	0.63	0.72	0.51	63.81	Normal	0.50	0.42	0.51	0.23	95.07	Normal	Normal
1710	Prakasam	Mundlamuru	0.63	0.63	0.71	0.53	55.11	Moderate	0.48	0.41	0.50	0.26	90.16	Normal	Moderate
1711	Prakasam	Thallur	0.65	0.63	0.70	0.54	68.07	Normal	0.50	0.43	0.51	0.28	98.68	Normal	Normal
1712	Prakasam	Podili	0.71	0.60	0.73	0.38	94.83	Normal	0.54	0.35	0.54	0.08	100.00	Normal	Normal
1713	Prakasam	Konakanamitla	0.70	0.56	0.71	0.36	98.29	Normal	0.52	0.29	0.52	0.05	100.00	Normal	Normal
1714	Prakasam	Tarlupadu	0.61	0.50	0.62	0.33	94.54	Normal	0.40	0.25	0.40	0.05	100.00	Normal	Normal
1715	Prakasam	Cumbum	0.58	0.50	0.58	0.34	102.48	Normal	0.39	0.26	0.39	0.04	100.00	Normal	Normal
1716	Prakasam	Ardhaveedu	0.57	0.52	0.61	0.39	79.28	Normal	0.34	0.26	0.37	0.10	88.72	Normal	Normal
1717	Prakasam	Giddalur	0.55	0.53	0.61	0.45	61.29	Normal	0.32	0.28	0.36	0.17	76.47	Normal	Normal
1718	Prakasam	Racherla	0.54	0.52	0.59	0.44	66.04	Normal	0.31	0.26	0.36	0.15	79.02	Normal	Normal
1719	Prakasam	Komarolu	0.54	0.49	0.56	0.38	91.16	Normal	0.32	0.22	0.32	0.04	97.19	Normal	Normal
1720	Prakasam	Bestawariipeta	0.56	0.52	0.62	0.38	75.21	Normal	0.36	0.27	0.39	0.07	90.25	Normal	Normal
1721	Prakasam	Hanumanthunipadu	0.57	0.52	0.67	0.34	69.21	Normal	0.33	0.22	0.39	-0.01	83.04	Normal	Normal
1722	Prakasam	Kanigiri	0.63	0.56	0.68	0.37	84.19	Normal	0.43	0.31	0.43	0.06	100.00	Normal	Normal
1723	Prakasam	Marripudi	0.63	0.57	0.68	0.41	80.14	Normal	0.46	0.32	0.46	0.13	100.00	Normal	Normal
1724	Prakasam	Chimakurthi	0.64	0.60	0.68	0.49	82.63	Normal	0.50	0.39	0.50	0.24	100.00	Normal	Normal
1725	Prakasam	Maddipadu	0.52	0.49	0.59	0.41	62.09	Normal	0.42	0.28	0.42	0.18	100.00	Normal	Normal



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1726	Prakasam	Naguluppalapadu	0.55	0.49	0.59	0.44	75.00	Normal	0.42	0.32	0.42	0.21	100.00	Normal	Normal
1727	Prakasam	Ongole	0.53	0.47	0.54	0.41	94.44	Normal	0.45	0.29	0.45	0.20	100.00	Normal	Normal
1728	Prakasam	Kotha Patnam	0.48	0.42	0.49	0.37	95.58	Normal	0.41	0.25	0.41	0.11	100.00	Normal	Normal
1729	Prakasam	Tangutur	0.53	0.46	0.51	0.40	113.89	Normal	0.42	0.25	0.42	0.14	100.00	Normal	Normal
1730	Prakasam	Singarayakonda	0.64	0.49	0.54	0.46	226.58	Normal	0.56	0.37	0.56	0.24	100.00	Normal	Normal
1731	Prakasam	Zarugumilli	0.52	0.47	0.51	0.39	105.04	Normal	0.42	0.26	0.42	0.14	100.00	Normal	Normal
1732	Prakasam	Santhanuthala Padu	0.64	0.58	0.65	0.49	96.82	Normal	0.50	0.36	0.50	0.23	100.00	Normal	Normal
1733	Prakasam	Kondapi	0.57	0.51	0.58	0.41	94.80	Normal	0.46	0.28	0.46	0.15	100.00	Normal	Normal
1734	Prakasam	Ponnaluru	0.54	0.51	0.60	0.41	66.85	Normal	0.40	0.27	0.40	0.13	100.00	Normal	Normal
1735	Prakasam	Pedacherlo Palte	0.64	0.56	0.69	0.39	82.89	Normal	0.45	0.33	0.45	0.09	100.00	Normal	Normal
1736	Prakasam	Pamur	0.58	0.52	0.63	0.37	81.75	Normal	0.38	0.29	0.38	0.07	100.00	Normal	Normal
1737	Prakasam	Chandrasekhara Puram	0.64	0.53	0.67	0.37	87.34	Normal	0.44	0.28	0.45	0.08	97.04	Normal	Normal
1738	Prakasam	Veligandla	0.59	0.53	0.66	0.35	76.73	Normal	0.36	0.25	0.38	-0.02	95.04	Normal	Normal
1801	S.P.S.Nellore	Seetharamapuram	0.59	0.51	0.64	0.34	81.40	Normal	0.37	0.27	0.45	0.03	81.07	Normal	Normal
1802	S.P.S.Nellore	Varikuntapadu	0.57	0.52	0.62	0.40	74.89	Normal	0.37	0.29	0.40	0.09	89.54	Normal	Normal
1803	S.P.S.Nellore	Kondapuram	0.54	0.50	0.57	0.35	87.56	Normal	0.42	0.29	0.42	0.05	100.00	Normal	Normal
1804	S.P.S.Nellore	Lingasamudram	0.54	0.48	0.56	0.39	87.28	Normal	0.41	0.29	0.41	0.09	98.45	Normal	Normal
1805	S.P.S.Nellore	Voletivaripalem	0.58	0.52	0.59	0.41	95.60	Normal	0.44	0.31	0.44	0.11	100.00	Normal	Normal
1806	S.P.S.Nellore	Kandukur	0.60	0.51	0.56	0.45	135.34	Normal	0.49	0.33	0.49	0.22	100.00	Normal	Normal
1807	S.P.S.Nellore	Ulavapadu	0.56	0.49	0.56	0.45	101.85	Normal	0.50	0.34	0.50	0.25	100.00	Normal	Normal
1808	S.P.S.Nellore	Gudluru	0.53	0.46	0.54	0.37	98.77	Normal	0.44	0.30	0.44	0.15	100.00	Normal	Normal
1809	S.P.S.Nellore	Kavali	0.55	0.43	0.54	0.35	103.61	Normal	0.49	0.35	0.49	0.20	100.00	Normal	Normal
1810	S.P.S.Nellore	Jaladanki	0.62	0.49	0.56	0.40	141.14	Normal	0.55	0.42	0.55	0.17	100.00	Normal	Normal
1811	S.P.S.Nellore	Kaligiri	0.59	0.55	0.63	0.38	85.54	Normal	0.43	0.34	0.43	0.07	100.00	Normal	Normal
1812	S.P.S.Nellore	Vinjamur	0.59	0.55	0.65	0.38	77.90	Normal	0.40	0.34	0.44	0.06	90.00	Normal	Normal
1813	S.P.S.Nellore	Duttalur	0.58	0.55	0.63	0.36	80.22	Normal	0.39	0.32	0.43	0.05	88.16	Normal	Normal
1814	S.P.S.Nellore	Udayagiri	0.57	0.52	0.62	0.37	77.20	Normal	0.38	0.29	0.43	0.06	86.60	Normal	Normal
1815	S.P.S.Nellore	Marripadu	0.53	0.52	0.57	0.39	75.96	Normal	0.36	0.28	0.40	0.06	88.99	Normal	Normal
1816	S.P.S.Nellore	Ananthasagaram	0.40	0.48	0.52	0.40	0.00	Severe	0.40	0.36	0.45	0.21	80.00	Normal	Severe
1817	S.P.S.Nellore	Atmakur	0.49	0.47	0.54	0.35	74.18	Normal	0.44	0.34	0.44	0.09	100.00	Normal	Normal
1818	S.P.S.Nellore	Anumasamudrampeta	0.54	0.52	0.59	0.36	79.08	Normal	0.45	0.35	0.45	0.05	99.50	Normal	Normal
1819	S.P.S.Nellore	Dagadarthi	0.64	0.44	0.54	0.35	152.66	Normal	0.56	0.46	0.56	0.29	100.00	Normal	Normal
1820	S.P.S.Nellore	Bogole	0.58	0.42	0.48	0.35	175.76	Normal	0.56	0.43	0.56	0.26	100.00	Normal	Normal
1821	S.P.S.Nellore	Allur	0.45	0.34	0.50	0.21	83.28	Normal	0.55	0.55	0.62	0.43	64.47	Normal	Normal
1822	S.P.S.Nellore	Vidavalur	0.41	0.34	0.49	0.28	60.56	Normal	0.56	0.48	0.56	0.42	100.00	Normal	Normal
1823	S.P.S.Nellore	Kodavalur	0.49	0.38	0.48	0.31	105.20	Normal	0.60	0.56	0.61	0.52	92.31	Normal	Normal
1824	S.P.S.Nellore	Buchireddipalem	0.55	0.47	0.56	0.38	98.31	Normal	0.54	0.50	0.54	0.43	100.00	Normal	Normal
1825	S.P.S.Nellore	Sangam	0.53	0.46	0.53	0.38	100.68	Normal	0.53	0.46	0.53	0.26	100.00	Normal	Normal
1826	S.P.S.Nellore	Chejerla	0.51	0.52	0.56	0.39	71.01	Normal	0.44	0.36	0.44	0.11	100.00	Normal	Normal
1827	S.P.S.Nellore	Kaluvoya	0.44	0.51	0.56	0.39	25.60	Severe	0.39	0.33	0.40	0.10	94.31	Normal	Severe
1828	S.P.S.Nellore	Rapur	0.53	0.54	0.61	0.37	67.61	Normal	0.41	0.35	0.44	0.13	90.68	Normal	Normal
1829	S.P.S.Nellore	Sydapuram	0.61	0.56	0.63	0.42	92.16	Normal	0.49	0.39	0.49	0.22	100.00	Normal	Normal
1830	S.P.S.Nellore	Podalukur	0.58	0.54	0.63	0.42	78.16	Normal	0.48	0.40	0.48	0.16	100.00	Normal	Normal
1831	S.P.S.Nellore	Nellore Rural	0.51	0.43	0.50	0.34	109.43	Normal	0.52	0.45	0.52	0.31	100.00	Normal	Normal
1832	S.P.S.Nellore	Nellore Urban	0.56	#N/A	#N/A	#N/A	#N/A	#N/A	0.43	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1833	S.P.S.Nellore	Kovur	0.57	0.49	0.55	0.42	120.16	Normal	0.57	0.54	0.57	0.50	100.00	Normal	Normal
1834	S.P.S.Nellore	Indukurpet	0.57	0.50	0.56	0.43	110.40	Normal	0.55	0.52	0.55	0.47	100.00	Normal	Normal
1835	S.P.S.Nellore	Thotapalligudur	0.48	0.39	0.45	0.29	116.15	Normal	0.55	0.54	0.58	0.45	79.23	Normal	Normal
1836	S.P.S.Nellore	Muthukur	0.45	0.38	0.43	0.30	117.60	Normal	0.50	0.42	0.50	0.25	100.00	Normal	Normal
1837	S.P.S.Nellore	Venkatachalam	0.42	0.34	0.39	0.30	135.48	Normal	0.55	0.47	0.55	0.25	100.00	Normal	Normal
1838	S.P.S.Nellore	Manubolu	0.43	0.38	0.45	0.32	89.15	Normal	0.57	0.51	0.59	0.28	94.29	Normal	Normal
1901	Kurnool	Kowthalam	0.61	0.55	0.64	0.45	84.97	Normal	0.35	0.29	0.40	0.18	78.70	Normal	Normal
1902	Kurnool	Kosigi	0.51	0.46	0.55	0.38	76.44	Normal	0.25	0.19	0.29	0.12	73.81	Normal	Normal
1903	Kurnool	Mantralayam	0.58	0.50	0.58	0.39	98.98	Normal	0.33	0.23	0.37	0.15	80.73	Normal	Normal
1904	Kurnool	Nandavaram	0.62	0.53	0.62	0.39	97.03	Normal	0.37	0.26	0.43	0.11	81.85	Normal	Normal
1905	Kurnool	C.Belagal	0.57	0.54	0.61	0.45	75.78	Normal	0.31	0.29	0.40	0.24	43.45	Moderate	Moderate



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn1 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1906	Kurnool	Kurnool Rural	0.57	0.53	0.62	0.43	73.91	Normal	0.34	0.30	0.36	0.18	87.50	Normal	Normal
1907	Kurnool	Kurnool Urban	0.47	#N/A	#N/A	#N/A	#N/A	#N/A	0.27	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1908	Kurnool	Orvakal	0.53	0.52	0.59	0.44	58.33	Moderate	0.27	0.26	0.31	0.18	71.88	Normal	Moderate
1909	Kurnool	Kallur	0.59	0.51	0.63	0.38	83.00	Normal	0.35	0.26	0.35	0.13	97.29	Normal	Normal
1910	Kurnool	Gudur	0.58	0.54	0.61	0.44	84.71	Normal	0.30	0.42	0.49	0.30	0.00	Severe	Severe
1911	Kurnool	Kodumur	0.54	0.49	0.62	0.40	66.97	Normal	0.26	0.21	0.31	0.07	79.41	Normal	Normal
1912	Kurnool	Gonegandla	0.55	0.50	0.59	0.42	73.68	Normal	0.28	0.22	0.30	0.15	84.52	Normal	Normal
1913	Kurnool	Yemmiganur	0.56	0.50	0.61	0.37	78.39	Normal	0.28	0.22	0.33	0.10	79.04	Normal	Normal
1914	Kurnool	Pedda Kadubur	0.57	0.51	0.61	0.41	80.71	Normal	0.33	0.26	0.34	0.15	96.77	Normal	Normal
1915	Kurnool	Adoni	0.57	0.51	0.64	0.38	72.27	Normal	0.29	0.24	0.35	0.09	78.29	Normal	Normal
1916	Kurnool	Aspari	0.58	0.47	0.58	0.33	100.00	Normal	0.29	0.17	0.29	-0.02	100.00	Normal	Normal
1917	Kurnool	Devanakonda	0.44	0.41	0.51	0.34	56.82	Moderate	0.12	0.10	0.20	0.03	55.56	Moderate	Moderate
1918	Kurnool	Krishnagiri	0.44	0.42	0.54	0.35	47.15	Moderate	0.13	0.13	0.23	0.06	42.26	Moderate	Moderate
1919	Kurnool	Veldurthi	0.52	0.57	0.66	0.43	38.40	Severe	0.23	0.32	0.40	0.15	34.54	Severe	Severe
1920	Kurnool	Tuggali	0.45	0.42	0.57	0.32	52.03	Moderate	0.13	0.11	0.25	0.00	51.00	Moderate	Moderate
1921	Kurnool	Pattikonda	0.53	0.46	0.54	0.39	90.97	Normal	0.23	0.15	0.23	0.05	100.00	Normal	Normal
1922	Kurnool	Alur	0.60	0.49	0.60	0.33	97.76	Normal	0.33	0.20	0.33	-0.03	98.34	Normal	Normal
1923	Kurnool	Holagunda	0.55	0.51	0.62	0.43	63.44	Normal	0.29	0.26	0.38	0.18	55.90	Moderate	Moderate
1924	Kurnool	Halaharvi	0.59	0.55	0.64	0.48	69.94	Normal	0.35	0.27	0.37	0.18	86.46	Normal	Normal
1925	Kurnool	Chippagiri	0.66	0.56	0.69	0.48	84.98	Normal	0.43	0.29	0.43	0.14	98.62	Normal	Normal
1926	Kurnool	Maddikera (East)	0.63	0.52	0.64	0.38	93.89	Normal	0.39	0.25	0.39	0.03	100.00	Normal	Normal
2001	Nandyal	Srisailam	1.01	1.01	1.01	1.01	#DIV/0!	#DIV/0!	1.01	1.01	1.01	1.01	#DIV/0!	#DIV/0!	#DIV/0!
2002	Nandyal	Atmakur	0.54	0.47	0.54	0.35	103.85	Normal	0.32	0.34	0.42	0.09	69.60	Normal	Normal
2003	Nandyal	Kothapalle	0.46	0.44	0.48	0.42	57.89	Moderate	0.28	0.26	0.35	0.21	45.32	Moderate	Moderate
2004	Nandyal	Pagidyala	0.48	0.52	0.59	0.43	33.55	Severe	0.31	0.38	0.44	0.26	29.61	Severe	Severe
2005	Nandyal	Nandikotkur	0.53	0.53	0.59	0.50	33.71	Severe	0.33	0.33	0.37	0.28	64.84	Normal	Severe
2006	Nandyal	Jupadu Bungalow	0.54	0.54	0.61	0.47	52.48	Moderate	0.32	0.32	0.37	0.28	42.86	Moderate	Moderate
2007	Nandyal	Pamulapadu	0.57	0.57	0.62	0.50	62.50	Normal	0.37	0.36	0.43	0.29	56.52	Moderate	Moderate
2008	Nandyal	Midthur	0.60	0.56	0.65	0.44	76.85	Normal	0.37	0.34	0.39	0.24	86.09	Normal	Normal
2009	Nandyal	Gadivemula	0.57	0.57	0.62	0.51	56.64	Moderate	0.39	0.37	0.42	0.31	67.83	Normal	Moderate
2010	Nandyal	Velgode	0.61	0.60	0.64	0.53	68.97	Normal	0.50	0.47	0.56	0.33	71.91	Normal	Normal
2011	Nandyal	Bandi Atmakur	0.49	0.55	0.60	0.47	13.08	Severe	0.50	0.45	0.51	0.35	91.72	Normal	Severe
2012	Nandyal	Mahanandi	0.53	0.56	0.59	0.51	24.39	Severe	0.46	0.42	0.47	0.36	85.34	Normal	Severe
2013	Nandyal	Nandyal	0.62	0.61	0.65	0.55	64.08	Normal	0.52	0.48	0.55	0.41	81.06	Normal	Normal
2014	Nandyal	Panyam	0.57	0.56	0.62	0.49	58.96	Moderate	0.39	0.36	0.43	0.28	71.81	Normal	Moderate
2015	Nandyal	Bethamcherla	0.52	0.51	0.62	0.39	55.41	Moderate	0.24	0.25	0.33	0.17	42.77	Moderate	Moderate
2016	Nandyal	Banaganapalle	0.56	0.55	0.61	0.51	52.43	Moderate	0.38	0.35	0.39	0.31	80.23	Normal	Moderate
2017	Nandyal	Gospadu	0.68	0.70	0.77	0.56	55.24	Moderate	0.56	0.57	0.63	0.42	67.77	Normal	Moderate
2018	Nandyal	Sirvel	0.59	0.62	0.67	0.53	46.62	Moderate	0.49	0.50	0.60	0.34	55.69	Moderate	Moderate
2019	Nandyal	Rudravaram	0.60	0.62	0.66	0.53	48.06	Moderate	0.43	0.45	0.52	0.33	54.50	Moderate	Moderate
2020	Nandyal	Chagalamarri	0.61	0.64	0.67	0.60	13.04	Severe	0.39	0.43	0.50	0.37	18.94	Severe	Severe
2021	Nandyal	Allagadda	0.67	0.68	0.72	0.64	42.31	Moderate	0.50	0.51	0.57	0.43	52.86	Moderate	Moderate
2022	Nandyal	Dornipadu	0.77	0.74	0.78	0.64	94.41	Normal	0.65	0.59	0.66	0.49	96.43	Normal	Normal
2023	Nandyal	Koilkuntla	0.71	0.65	0.67	0.55	126.45	Normal	0.55	0.46	0.55	0.32	100.00	Normal	Normal
2024	Nandyal	Uyyalawada	0.71	0.65	0.73	0.46	94.01	Normal	0.56	0.45	0.56	0.18	100.00	Normal	Normal
2025	Nandyal	Sanjamala	0.67	0.61	0.67	0.52	100.00	Normal	0.48	0.39	0.48	0.25	100.00	Normal	Normal
2026	Nandyal	Kolimigundla	0.54	0.48	0.57	0.37	81.95	Normal	0.31	0.22	0.32	0.06	95.08	Normal	Normal
2027	Nandyal	Owk	0.52	0.53	0.58	0.46	50.43	Moderate	0.32	0.31	0.35	0.24	73.39	Normal	Moderate
2028	Nandyal	Peapally	0.48	0.46	0.61	0.35	50.79	Moderate	0.19	0.18	0.32	0.08	45.27	Moderate	Moderate
2029	Nandyal	Dhone	0.48	0.46	0.60	0.35	51.19	Moderate	0.17	0.17	0.30	0.08	39.81	Severe	Severe
2101	Anantapuramu	D.Hirehal	0.43	0.37	0.49	0.28	75.24	Normal	0.16	0.08	0.19	-0.03	83.56	Normal	Normal
2102	Anantapuramu	Bommanahal	0.56	0.54	0.61	0.45	65.82	Normal	0.36	0.32	0.40	0.23	74.27	Normal	Normal
2103	Anantapuramu	Vidapanakal	0.67	0.60	0.71	0.50	78.67	Normal	0.43	0.34	0.46	0.19	89.63	Normal	Normal
2104	Anantapuramu	Vajrakarur	0.58	0.47	0.57	0.36	103.77	Normal	0.30	0.18	0.30	0.03	100.00	Normal	Normal
2105	Anantapuramu	Guntakal	0.46	0.41	0.55	0.33	60.00	Normal	0.18	0.12	0.27	0.04	60.79	Normal	Normal
2106	Anantapuramu	Gooty	0.41	0.40	0.55	0.31	43.10	Moderate	0.11	0.11	0.26	0.03	33.19	Severe	Severe



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2107	Anantapuramu	Peddavadugur	0.49	0.48	0.63	0.37	46.39	Moderate	0.19	0.21	0.35	0.09	38.87	Severe	Severe
2108	Anantapuramu	Yadiki	0.48	0.45	0.59	0.34	56.28	Moderate	0.22	0.19	0.31	0.08	57.76	Moderate	Moderate
2109	Anantapuramu	Tadpatri	0.54	0.47	0.59	0.35	82.63	Normal	0.31	0.22	0.33	0.08	93.15	Normal	Normal
2110	Anantapuramu	Peddapappur	0.54	0.50	0.58	0.41	75.15	Normal	0.30	0.23	0.31	0.11	96.00	Normal	Normal
2111	Anantapuramu	Singanamala	0.48	0.42	0.57	0.33	61.34	Normal	0.23	0.14	0.29	0.06	73.50	Normal	Normal
2112	Anantapuramu	Pamidi	0.45	0.44	0.56	0.33	55.11	Moderate	0.17	0.15	0.27	0.03	57.08	Moderate	Moderate
2113	Anantapuramu	Garladinne	0.48	0.44	0.55	0.36	65.63	Normal	0.21	0.15	0.26	0.08	73.68	Normal	Normal
2114	Anantapuramu	Kudair	0.43	0.37	0.52	0.29	62.93	Normal	0.15	0.08	0.23	-0.02	66.67	Normal	Normal
2115	Anantapuramu	Urvakonda	0.58	0.49	0.59	0.36	94.44	Normal	0.32	0.20	0.32	0.03	100.00	Normal	Normal
2116	Anantapuramu	Kanekal	0.54	0.47	0.56	0.37	90.43	Normal	0.30	0.20	0.30	0.05	100.00	Normal	Normal
2117	Anantapuramu	Rayadurg	0.41	0.33	0.45	0.26	78.95	Normal	0.10	0.02	0.13	-0.07	85.57	Normal	Normal
2118	Anantapuramu	Gummagatta	0.39	0.33	0.45	0.25	70.56	Normal	0.08	0.01	0.14	-0.09	74.45	Normal	Normal
2119	Anantapuramu	Brahmasamudram	0.39	0.34	0.46	0.27	62.83	Normal	0.07	0.02	0.14	-0.07	69.19	Normal	Normal
2120	Anantapuramu	Settur	0.42	0.36	0.49	0.28	65.85	Normal	0.11	0.05	0.17	-0.04	74.15	Normal	Normal
2121	Anantapuramu	Kundurpi	0.41	0.37	0.49	0.28	62.20	Normal	0.12	0.07	0.18	-0.03	73.08	Normal	Normal
2122	Anantapuramu	Kambadur	0.42	0.37	0.52	0.27	60.56	Normal	0.14	0.09	0.23	-0.03	63.67	Normal	Normal
2123	Anantapuramu	Kalyandurg	0.42	0.37	0.51	0.27	63.49	Normal	0.13	0.08	0.21	-0.04	70.28	Normal	Normal
2124	Anantapuramu	Beluguppa	0.51	0.44	0.55	0.29	85.21	Normal	0.22	0.13	0.23	-0.07	95.02	Normal	Normal
2125	Anantapuramu	Atmakur	0.43	0.47	0.54	0.35	41.76	Moderate	0.15	0.34	0.42	0.09	16.41	Severe	Severe
2126	Anantapuramu	Raptadu	0.45	0.37	0.55	0.27	63.35	Normal	0.16	0.06	0.25	-0.07	70.44	Normal	Normal
2127	Anantapuramu	Anantapuramu	0.45	0.39	0.55	0.30	61.20	Normal	0.18	0.10	0.26	0.00	69.23	Normal	Normal
2128	Anantapuramu	Bukkaraya Samudram	0.52	0.48	0.60	0.38	60.99	Normal	0.27	0.22	0.35	0.09	68.77	Normal	Normal
2129	Anantapuramu	Narpala	0.54	0.50	0.65	0.39	59.46	Moderate	0.29	0.24	0.39	0.11	64.75	Normal	Moderate
2130	Anantapuramu	Putlur	0.62	0.52	0.65	0.37	89.05	Normal	0.39	0.26	0.42	0.05	91.85	Normal	Normal
2131	Anantapuramu	Yellanur	0.51	0.47	0.57	0.35	75.12	Normal	0.28	0.22	0.33	0.06	83.33	Normal	Normal
2201	Sri Satyasai	Tadimarri	0.48	0.42	0.58	0.31	61.40	Normal	0.26	0.15	0.35	0.00	74.49	Normal	Normal
2202	Sri Satyasai	Mudigubba	0.49	0.45	0.59	0.30	64.53	Normal	0.24	0.17	0.33	-0.01	73.24	Normal	Normal
2203	Sri Satyasai	Bathalapalle	0.49	0.40	0.59	0.27	69.50	Normal	0.22	0.11	0.31	-0.05	75.50	Normal	Normal
2204	Sri Satyasai	Dharmavaram	0.48	0.40	0.58	0.27	66.34	Normal	0.22	0.12	0.32	-0.04	73.01	Normal	Normal
2205	Sri Satyasai	Kanaganapalle	0.43	0.38	0.53	0.25	64.26	Normal	0.15	0.08	0.23	-0.07	71.19	Normal	Normal
2206	Sri Satyasai	Ramagiri	0.43	0.40	0.53	0.27	62.31	Normal	0.16	0.11	0.25	-0.04	69.59	Normal	Normal
2207	Sri Satyasai	Chennekothapalle	0.46	0.39	0.54	0.25	71.38	Normal	0.19	0.10	0.26	-0.06	77.19	Normal	Normal
2208	Sri Satyasai	Bukkapatnam	0.49	0.44	0.57	0.31	71.21	Normal	0.25	0.17	0.30	0.02	79.72	Normal	Normal
2209	Sri Satyasai	Nallamada	0.48	0.43	0.55	0.32	69.96	Normal	0.21	0.14	0.27	0.01	76.15	Normal	Normal
2210	Sri Satyasai	Kadiri	0.48	0.45	0.55	0.34	67.30	Normal	0.22	0.16	0.28	0.03	75.59	Normal	Normal
2211	Sri Satyasai	Talupula	0.50	0.48	0.59	0.35	65.27	Normal	0.25	0.21	0.34	0.06	66.19	Normal	Normal
2212	Sri Satyasai	Nambulipulikunta	0.51	0.47	0.58	0.33	70.20	Normal	0.23	0.19	0.32	0.03	70.79	Normal	Normal
2213	Sri Satyasai	Gandlapenta	0.53	0.49	0.60	0.34	70.72	Normal	0.27	0.21	0.34	0.03	78.39	Normal	Normal
2214	Sri Satyasai	Nallacheruvu	0.49	0.45	0.57	0.29	72.30	Normal	0.24	0.17	0.29	-0.04	83.49	Normal	Normal
2215	Sri Satyasai	Tanakal	0.51	0.46	0.59	0.29	71.34	Normal	0.24	0.16	0.33	-0.03	74.66	Normal	Normal
2216	Sri Satyasai	Amadagur	0.48	0.43	0.57	0.27	71.53	Normal	0.21	0.15	0.30	-0.04	73.65	Normal	Normal
2217	Sri Satyasai	Obuladevaracheruvu	0.47	0.43	0.54	0.29	69.84	Normal	0.20	0.14	0.26	-0.02	76.49	Normal	Normal
2218	Sri Satyasai	Puttaparthi	0.47	0.43	0.55	0.31	68.44	Normal	0.21	0.15	0.28	0.01	75.37	Normal	Normal
2219	Sri Satyasai	Kothacheruvu	0.48	0.41	0.56	0.28	73.31	Normal	0.21	0.11	0.27	-0.03	79.48	Normal	Normal
2220	Sri Satyasai	Penukonda	0.46	0.41	0.54	0.29	67.32	Normal	0.21	0.13	0.27	-0.02	78.42	Normal	Normal
2221	Sri Satyasai	Roddam	0.45	0.43	0.54	0.30	61.51	Normal	0.20	0.13	0.26	-0.04	79.66	Normal	Normal
2222	Sri Satyasai	Amarapuram	0.45	0.40	0.52	0.31	64.15	Normal	0.14	0.09	0.22	-0.03	70.56	Normal	Normal
2223	Sri Satyasai	Gudibanda	0.44	0.40	0.55	0.31	55.84	Moderate	0.16	0.13	0.27	0.01	56.15	Moderate	Moderate
2224	Sri Satyasai	Rolla	0.46	0.42	0.57	0.31	57.47	Moderate	0.16	0.13	0.29	-0.02	59.42	Moderate	Moderate
2225	Sri Satyasai	Agali	0.48	0.46	0.61	0.33	52.48	Moderate	0.17	0.16	0.33	0.00	51.37	Moderate	Moderate
2226	Sri Satyasai	Madakasira	0.45	0.43	0.58	0.32	50.76	Moderate	0.18	0.14	0.31	-0.01	59.69	Moderate	Moderate
2227	Sri Satyasai	Parigi	0.45	0.46	0.61	0.30	45.98	Moderate	0.22	0.18	0.37	-0.04	63.21	Normal	Moderate
2228	Sri Satyasai	Hindupur	0.48	0.46	0.62	0.33	50.85	Moderate	0.24	0.18	0.39	0.01	62.27	Normal	Moderate
2229	Sri Satyasai	Somandepalle	0.46	0.43	0.58	0.32	55.25	Moderate	0.20	0.15	0.31	0.00	65.59	Normal	Moderate
2230	Sri Satyasai	Gorantla	0.49	0.43	0.58	0.29	67.84	Normal	0.21	0.13	0.30	-0.03	71.43	Normal	Normal
2231	Sri Satyasai	Chilamathur	0.50	0.44	0.60	0.29	68.40	Normal	0.24	0.14	0.34	-0.03	73.02	Normal	Normal



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2420	Annamayya	Pedda Thippasamudram	0.50	0.47	0.60	0.29	67.76	Normal	0.24	0.18	0.34	-0.03	72.40	Normal	Normal
2421	Annamayya	B.Kothakota	0.52	0.49	0.60	0.35	66.54	Normal	0.28	0.21	0.33	0.04	84.48	Normal	Normal
2422	Annamayya	Kurabalakota	0.53	0.52	0.61	0.37	67.48	Normal	0.30	0.25	0.36	0.05	79.28	Normal	Normal
2423	Annamayya	Gurramkonda	0.53	0.49	0.60	0.36	69.83	Normal	0.29	0.24	0.35	0.07	77.86	Normal	Normal
2424	Annamayya	Kalakada	0.53	0.50	0.62	0.37	61.96	Normal	0.30	0.24	0.37	0.07	74.92	Normal	Normal
2425	Annamayya	Pileru	0.54	0.53	0.62	0.40	64.29	Normal	0.32	0.26	0.38	0.09	79.02	Normal	Normal
2426	Annamayya	Kalikiri	0.54	0.50	0.62	0.37	68.92	Normal	0.34	0.24	0.38	0.07	85.30	Normal	Normal
2427	Annamayya	Vayalpad	0.55	0.50	0.62	0.37	70.54	Normal	0.34	0.24	0.38	0.07	88.54	Normal	Normal
2428	Annamayya	Nimmanapalle	0.53	0.51	0.61	0.39	63.55	Normal	0.33	0.25	0.35	0.09	90.98	Normal	Normal
2429	Annamayya	Madanapalle	0.56	0.53	0.63	0.42	66.19	Normal	0.34	0.27	0.37	0.11	88.42	Normal	Normal
2430	Annamayya	Ramasamudram	0.58	0.52	0.59	0.41	91.21	Normal	0.39	0.26	0.39	0.09	100.00	Normal	Normal
2501	Chittoor	Rompicherla	0.55	0.67	0.82	0.55	0.00	Severe	0.34	0.50	0.68	0.30	9.42	Severe	Severe
2502	Chittoor	Pulicherla	0.56	0.55	0.68	0.44	51.03	Moderate	0.39	0.30	0.43	0.12	86.31	Normal	Moderate
2503	Chittoor	Sodam	0.54	0.51	0.61	0.41	64.88	Normal	0.37	0.26	0.37	0.10	100.00	Normal	Normal
2504	Chittoor	Irala	0.65	0.60	0.67	0.49	92.44	Normal	0.50	0.36	0.50	0.21	100.00	Normal	Normal
2505	Chittoor	Puthalapattu	0.65	0.60	0.68	0.47	84.39	Normal	0.47	0.37	0.50	0.18	93.02	Normal	Normal
2506	Chittoor	Penumuru	0.62	0.59	0.67	0.47	73.89	Normal	0.45	0.38	0.50	0.19	82.58	Normal	Normal
2507	Chittoor	Vedurukuppam	0.60	0.56	0.65	0.46	70.92	Normal	0.40	0.34	0.46	0.17	80.92	Normal	Normal
2508	Chittoor	Karvetinagar	0.61	0.60	0.66	0.51	65.77	Normal	0.42	0.39	0.49	0.25	71.01	Normal	Normal
2509	Chittoor	Nindra	0.63	0.61	0.65	0.52	82.03	Normal	0.48	0.40	0.48	0.27	100.00	Normal	Normal
2510	Chittoor	Vijayapuram	0.66	0.59	0.67	0.44	97.39	Normal	0.51	0.41	0.51	0.31	100.00	Normal	Normal
2511	Chittoor	Nagari	0.58	0.58	0.64	0.49	60.67	Normal	0.43	0.38	0.45	0.27	88.52	Normal	Normal
2512	Chittoor	Srirangarajapuram	0.59	0.56	0.65	0.46	70.68	Normal	0.41	0.37	0.49	0.20	73.24	Normal	Normal
2513	Chittoor	Palasamudram	0.60	0.57	0.65	0.45	75.86	Normal	0.45	0.39	0.53	0.28	65.86	Normal	Normal
2514	Chittoor	Gangadharanellore	0.61	0.58	0.66	0.49	68.82	Normal	0.45	0.38	0.51	0.22	78.97	Normal	Normal
2515	Chittoor	Gudipala	0.56	0.58	0.65	0.40	64.78	Normal	0.44	0.39	0.46	0.22	94.40	Normal	Normal
2516	Chittoor	Chittoor	0.60	0.58	0.64	0.49	71.72	Normal	0.45	0.37	0.45	0.20	100.00	Normal	Normal
2517	Chittoor	Yadamarri	0.56	0.60	0.65	0.50	41.67	Moderate	0.48	0.38	0.48	0.20	100.00	Normal	Moderate
2518	Chittoor	Thavanampalle	0.61	0.62	0.68	0.52	57.69	Moderate	0.49	0.40	0.49	0.25	100.00	Normal	Moderate
2519	Chittoor	Somala	0.59	0.56	0.66	0.45	67.65	Normal	0.43	0.32	0.43	0.17	100.00	Normal	Normal
2520	Chittoor	Chowdepalle	0.53	0.52	0.61	0.42	60.21	Normal	0.34	0.27	0.36	0.11	91.63	Normal	Normal
2521	Chittoor	Punganur	0.55	0.51	0.60	0.40	75.63	Normal	0.34	0.25	0.36	0.08	95.36	Normal	Normal
2522	Chittoor	Peddapanjani	0.56	0.52	0.63	0.40	71.62	Normal	0.36	0.26	0.39	0.07	89.91	Normal	Normal
2523	Chittoor	Gangavaram	0.57	0.68	0.74	0.57	0.00	Severe	0.38	0.48	0.53	0.38	0.00	Severe	Severe
2524	Chittoor	Bangarupalem	0.57	0.59	0.65	0.48	48.80	Moderate	0.46	0.36	0.46	0.19	99.25	Normal	Moderate
2525	Chittoor	Palamaner	0.59	0.55	0.61	0.44	90.12	Normal	0.39	0.30	0.40	0.13	94.22	Normal	Normal
2526	Chittoor	Baireddipalle	0.59	0.53	0.62	0.39	88.89	Normal	0.37	0.27	0.40	0.06	91.35	Normal	Normal
2527	Chittoor	Venkatagirikota	0.57	0.55	0.64	0.44	66.34	Normal	0.36	0.30	0.41	0.14	80.88	Normal	Normal
2528	Chittoor	Ramakuppam	0.58	0.55	0.66	0.42	68.83	Normal	0.40	0.30	0.44	0.12	88.24	Normal	Normal
2529	Chittoor	Santhipuram	0.55	0.53	0.63	0.36	73.00	Normal	0.33	0.26	0.39	0.03	83.56	Normal	Normal
2530	Chittoor	Gudupalle	0.61	0.55	0.66	0.37	81.10	Normal	0.38	0.28	0.41	0.02	91.84	Normal	Normal
2531	Chittoor	Kuppam	0.60	0.56	0.66	0.39	78.02	Normal	0.38	0.30	0.43	0.05	87.00	Normal	Normal
2601	Tirupati	Dakkili	0.49	0.46	0.53	0.40	71.01	Normal	0.48	0.38	0.50	0.25	95.53	Normal	Normal
2602	Tirupati	Balayapalle	0.59	0.47	0.53	0.38	139.86	Normal	0.50	0.33	0.50	0.15	100.00	Normal	Normal
2603	Tirupati	Gudur	0.59	0.54	0.61	0.44	92.94	Normal	0.51	0.42	0.51	0.30	100.00	Normal	Normal
2604	Tirupati	Chillakur	0.51	0.42	0.47	0.36	131.25	Normal	0.45	0.35	0.45	0.12	100.00	Normal	Normal
2605	Tirupati	Kota	0.49	0.43	0.49	0.40	96.63	Normal	0.45	0.38	0.47	0.19	91.10	Normal	Normal
2606	Tirupati	Ojili	0.64	0.49	0.57	0.34	130.13	Normal	0.53	0.39	0.53	0.15	100.00	Normal	Normal
2607	Tirupati	Naidupet	0.67	0.50	0.61	0.33	119.43	Normal	0.55	0.42	0.55	0.15	100.00	Normal	Normal
2608	Tirupati	Chittampur	0.59	0.51	0.61	0.39	89.33	Normal	0.56	0.48	0.59	0.20	92.71	Normal	Normal
2609	Tirupati	Vakadu	0.41	0.43	0.54	0.37	24.07	Severe	0.42	0.44	0.49	0.28	65.14	Normal	Severe
2610	Tirupati	Sullurpeta	0.60	0.51	0.60	0.36	102.07	Normal	0.53	0.45	0.53	0.22	100.00	Normal	Normal
2611	Tirupati	Doravarisatram	0.68	0.56	0.65	0.36	110.14	Normal	0.57	0.44	0.57	0.10	100.00	Normal	Normal
2612	Tirupati	Pellakur	0.75	0.51	0.61	0.34	152.65	Normal	0.57	0.43	0.57	0.07	100.00	Normal	Normal
2613	Tirupati	Thottambedu	0.64	0.50	0.57	0.38	134.17	Normal	0.50	0.40	0.50	0.21	100.00	Normal	Normal
2614	Tirupati	Venkatagiri	0.52	0.46	0.54	0.38	90.45	Normal	0.47	0.36	0.47	0.14	100.00	Normal	Normal



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2615	Tirupati	Srikalahasti	0.51	0.45	0.53	0.37	86.31	Normal	0.48	0.39	0.48	0.16	100.00	Normal	Normal
2616	Tirupati	Yerpedu	0.52	0.45	0.52	0.35	104.82	Normal	0.48	0.38	0.48	0.21	100.00	Normal	Normal
2617	Tirupati	Renigunta	0.56	0.55	0.60	0.42	75.00	Normal	0.45	0.40	0.46	0.27	94.44	Normal	Normal
2618	Tirupati	Tirupati (Urban)	0.57	0.58	0.63	0.49	55.07	Moderate	0.43	0.38	0.43	0.33	100.00	Normal	Moderate
2619	Tirupati	Chinnagottigallu	0.58	0.56	0.66	0.46	60.61	Normal	0.39	0.31	0.42	0.19	85.02	Normal	Normal
2620	Tirupati	Yerravaripalem	0.58	0.53	0.63	0.44	73.26	Normal	0.40	0.29	0.40	0.15	100.00	Normal	Normal
2621	Tirupati	Pakala	0.64	0.60	0.70	0.48	72.73	Normal	0.47	0.37	0.50	0.19	90.29	Normal	Normal
2622	Tirupati	Chandragiri	0.63	0.60	0.66	0.50	77.36	Normal	0.47	0.38	0.47	0.24	100.00	Normal	Normal
2623	Tirupati	Ramachandrapuram	0.63	0.40	0.44	0.35	301.08	Normal	0.48	0.24	0.48	0.16	100.00	Normal	Normal
2624	Tirupati	Tirupati (Rural)	0.56	0.56	0.61	0.47	65.22	Normal	0.43	0.36	0.44	0.26	91.16	Normal	Normal
2625	Tirupati	Vadamalapeta	0.62	0.58	0.66	0.45	81.25	Normal	0.49	0.39	0.49	0.28	100.00	Normal	Normal
2626	Tirupati	Puttur	0.62	0.58	0.65	0.49	78.13	Normal	0.46	0.37	0.46	0.30	100.00	Normal	Normal
2627	Tirupati	Narayanavanam	0.60	0.57	0.63	0.48	80.13	Normal	0.45	0.35	0.45	0.22	100.00	Normal	Normal
2628	Tirupati	K.V.B.Puram	0.58	0.55	0.59	0.43	94.51	Normal	0.45	0.36	0.45	0.21	100.00	Normal	Normal
2629	Tirupati	Buchinaidu Kandriga	0.67	0.54	0.62	0.33	119.58	Normal	0.52	0.39	0.52	0.19	100.00	Normal	Normal
2630	Tirupati	Varadaiahpalem	0.70	0.59	0.67	0.38	109.46	Normal	0.55	0.44	0.55	0.24	100.00	Normal	Normal
2631	Tirupati	Tada	0.56	0.49	0.56	0.37	98.44	Normal	0.53	0.45	0.53	0.25	100.00	Normal	Normal
2632	Tirupati	Satyavedu	0.65	0.57	0.68	0.37	88.92	Normal	0.50	0.39	0.50	0.29	100.00	Normal	Normal
2633	Tirupati	Nagalapuram	0.71	0.64	0.74	0.51	85.27	Normal	0.56	0.47	0.56	0.39	100.00	Normal	Normal
2634	Tirupati	Pichatur	0.66	0.60	0.66	0.50	101.26	Normal	0.52	0.42	0.52	0.32	100.00	Normal	Normal

Sri. Sudheer Tiwari,
(Project Manager)

Dr. B. Sundar, IFS

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Vice-Chairman

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Project Manager
