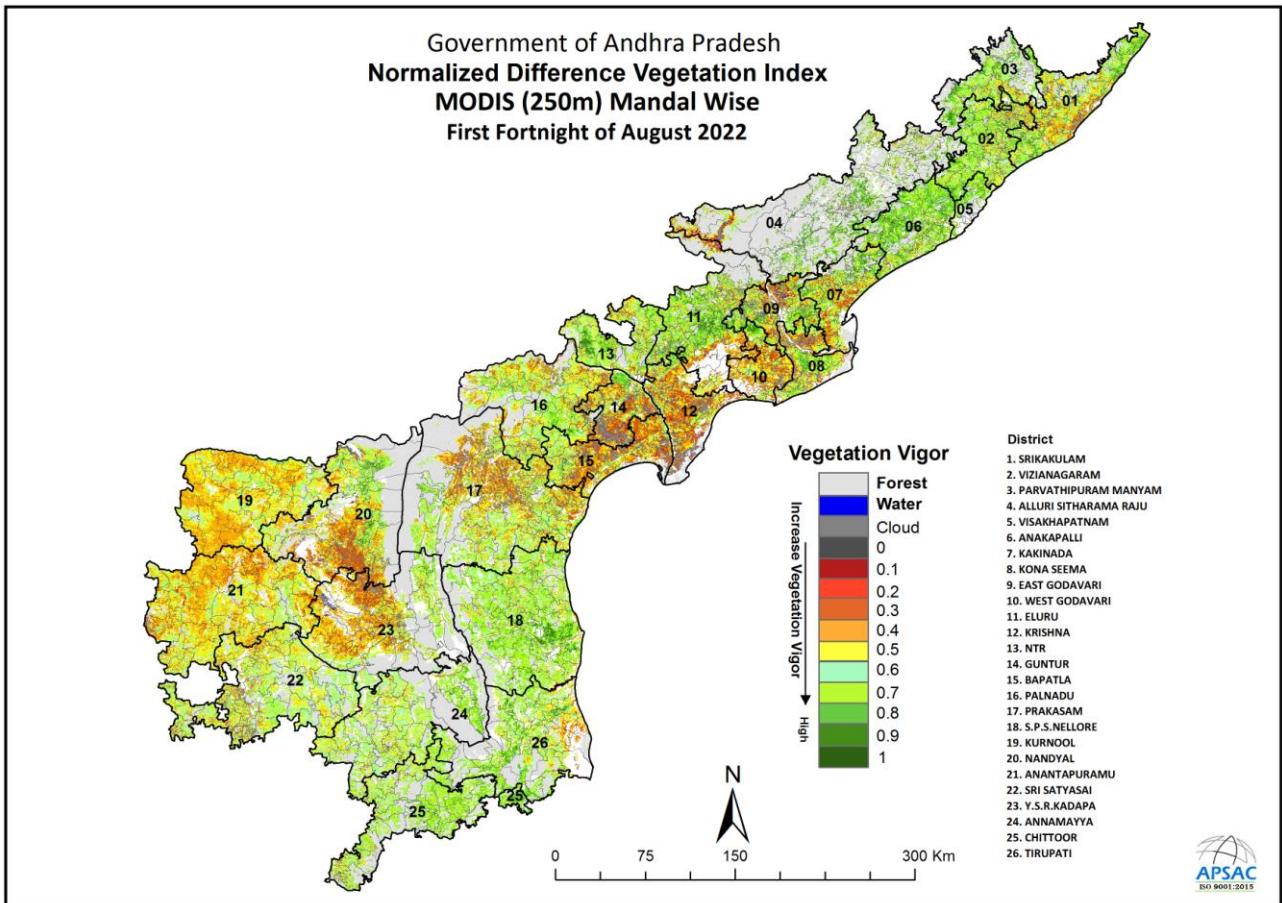




Technical Report: Drought Monitoring

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



Prepared by

Andhra Pradesh Space Applications Centre (APSAC)

Agriculture & Soils Division

ITE&C Department, Government of Andhra Pradesh

Vijayawada 520010, web site : www.apsac.ap.gov.in

Prepared for

Andhra Pradesh State Disaster Management Authority (APSDMA)

Revenue (DM) Department

Genious, JR Towers, Kunchanapalli,
Guntur, Govt. of Andhra Pradesh



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8	Author(s)	Sri. Sudheer Tiwari, Smt. Pushpa, Sri. N. Venkaiya , Sri. G. Prasada Rao and Dr. B. Sundar		
9	Affiliation of authors	Andhra Pradesh Space Applications Centre, ITE & C Department, Govt. of Andhra Pradesh		
10	Scrutiny mechanism	Compiled by: Sri. Sudheer Tiwari, Scientist-SC (Associate Project manager)	Reviewed by: Sri. G. Prasada Rao, Scientist-SF (Project Manager)	Approved by : Dr. B. Sundar, IFS Vice-Chairman, APSAC
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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 $(\text{NIR} - \text{Red}) / (\text{NIR} + \text{Red})$, 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: $\text{NDWI} = (\text{NIR}-\text{SWIR}) / (\text{NIR}+\text{SWIR})$ 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, out of total mandals 393-Normal, 102-Moderate and 172 mandals are Severe. The 12 mandals are excluded from the vegetation condition assessment as these mandals under predominantly urban or forest cover. The status of indicators at 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 August2022.

Sno.	District	No. of Mandals	VCI		
			Normal	Moderate	Severe
1	A. Sitharama Raju	22	18	3	1
2	Anakapalli	24	22	0	2
3	Anantapuramu	31	25	5	1
4	Annamayya	30	30	0	0
5	Bapatla	25	6	5	14
6	Chittoor	31	28	3	0
7	East Godavari	19	3	6	10
8	Eluru	28	11	8	9
9	Guntur	18	1	0	16
10	Kakinada	21	10	8	3
11	Kona Seema	22	5	2	15
12	Krishna	25	0	2	23
13	Kurnool	26	21	3	1
14	Manyam	15	9	3	3
15	Nandyal	29	27	0	1
16	NTR	20	8	5	3
17	Palnadu	28	15	8	5
18	Prakasam	38	21	8	9
19	S.P.S.Nellore	38	36	1	0
20	Sri Satyasai	32	30	2	0
21	Srikakulam	30	0	8	22
22	Tirupati	34	28	6	0
23	Visakhapatnam	11	5	2	0
24	Vizianagaram	27	8	4	15
25	West Godavari	19	1	3	15
26	Y.S.R.Kadapa	36	25	7	4
Grand Total		679	393	102	172

***Note:**

- Twelve urban mandals are excluded from the vegetation condition assessment.
- The excluded mandals are as follows: Visakhapatnam (Seethammadhara, Maharanipeta, 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 August2022.

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	
0101	Srikakulam	Kothuru	0.49	0.53	0.60	0.48	9.3	Severe	0.45	0.54	0.63	0.42	11.3	Severe	Severe
0102	Srikakulam	Hiramandalam	0.43	0.54	0.58	0.43	0.0	Severe	0.42	0.54	0.61	0.45	-22.2	Severe	Severe
0103	Srikakulam	Lakshminarsupeta	0.48	0.46	0.51	0.35	82.9	Normal	0.52	0.53	0.62	0.42	49.0	Moderate	Moderate
0104	Srikakulam	Sarubujjili	0.44	0.48	0.53	0.42	18.3	Severe	0.49	0.54	0.61	0.44	30.6	Severe	Severe
0105	Srikakulam	Burja	0.45	0.53	0.58	0.42	16.5	Severe	0.49	0.52	0.62	0.41	38.5	Severe	Severe
0106	Srikakulam	Amadalavalasa	0.39	0.48	0.53	0.38	5.6	Severe	0.41	0.48	0.59	0.35	23.8	Severe	Severe
0107	Srikakulam	Ponduru	0.55	0.57	0.63	0.51	33.3	Severe	0.49	0.49	0.58	0.43	40.9	Moderate	Severe
0108	Srikakulam	Ganguvarisigadam	0.49	0.61	0.67	0.49	0.0	Severe	0.44	0.54	0.59	0.49	-46.9	Severe	Severe
0109	Srikakulam	Laveru	0.59	0.61	0.67	0.50	51.5	Moderate	0.52	0.48	0.53	0.39	93.4	Normal	Moderate
0110	Srikakulam	Ranastalam	0.52	0.57	0.64	0.48	23.6	Severe	0.46	0.47	0.53	0.38	51.0	Moderate	Severe
0111	Srikakulam	Etcherla	0.56	0.55	0.61	0.51	48.4	Moderate	0.49	0.47	0.51	0.42	79.1	Normal	Moderate
0112	Srikakulam	Srikakulam	0.39	0.46	0.52	0.39	0.0	Severe	0.40	0.46	0.56	0.36	19.2	Severe	Severe
0113	Srikakulam	Gara	0.41	0.47	0.50	0.41	0.0	Severe	0.35	0.46	0.56	0.35	0.9	Severe	Severe
0114	Srikakulam	Polaki	0.29	0.44	0.49	0.29	0.0	Severe	0.26	0.47	0.64	0.27	-3.0	Severe	Severe
0115	Srikakulam	Narasannapeta	0.41	0.46	0.52	0.35	36.5	Severe	0.40	0.47	0.59	0.36	17.6	Severe	Severe
0116	Srikakulam	Jalumuru	0.45	0.48	0.57	0.37	41.6	Moderate	0.51	0.52	0.63	0.35	58.9	Moderate	Moderate
0117	Srikakulam	Kotabommali	0.45	0.48	0.56	0.35	49.3	Moderate	0.44	0.49	0.62	0.32	42.1	Moderate	Moderate
0118	Srikakulam	Santhabommali	0.28	0.37	0.47	0.27	6.8	Severe	0.29	0.45	0.62	0.28	0.9	Severe	Severe
0119	Srikakulam	Tekkali	0.47	0.47	0.55	0.44	30.8	Severe	0.43	0.52	0.63	0.44	-5.4	Severe	Severe
0120	Srikakulam	Saravakota	0.46	0.59	0.66	0.46	0.0	Severe	0.47	0.56	0.64	0.39	34.0	Severe	Severe
0121	Srikakulam	Pathapatnam	0.51	0.58	0.66	0.51	0.0	Severe	0.45	0.56	0.65	0.48	-16.0	Severe	Severe
0122	Srikakulam	Meliaputti	0.53	0.58	0.63	0.53	0.0	Severe	0.46	0.54	0.65	0.48	-12.1	Severe	Severe
0123	Srikakulam	Nandigam	0.47	0.49	0.57	0.44	23.4	Severe	0.39	0.53	0.62	0.44	-28.0	Severe	Severe
0124	Srikakulam	Vajrapukothuru	0.44	0.55	0.62	0.44	0.0	Severe	0.39	0.53	0.60	0.41	-9.1	Severe	Severe
0125	Srikakulam	Palasa	0.57	0.58	0.62	0.42	72.1	Normal	0.46	0.51	0.61	0.44	6.6	Severe	Severe
0126	Srikakulam	Mandasa	0.65	0.61	0.67	0.55	84.3	Normal	0.55	0.54	0.62	0.48	52.6	Moderate	Moderate
0127	Srikakulam	Sompeta	0.60	0.55	0.64	0.49	73.7	Normal	0.50	0.52	0.61	0.42	41.6	Moderate	Moderate
0128	Srikakulam	Kanchili	0.67	0.57	0.67	0.51	99.4	Normal	0.51	0.54	0.61	0.46	29.5	Severe	Severe
0129	Srikakulam	Kaviti	0.63	0.61	0.68	0.57	47.2	Moderate	0.52	0.56	0.63	0.48	27.8	Severe	Severe
0130	Srikakulam	Ichchapuram	0.57	0.49	0.59	0.34	90.2	Normal	0.48	0.50	0.60	0.36	50.4	Moderate	Moderate
0201	Vizianagaram	Vangara	0.46	0.54	0.61	0.39	33.3	Severe	0.46	0.51	0.58	0.38	37.1	Severe	Severe
0202	Vizianagaram	Regidiamadalavalasa	0.41	0.55	0.62	0.41	2.8	Severe	0.44	0.53	0.61	0.40	20.7	Severe	Severe
0203	Vizianagaram	Santhakaviti	0.36	0.51	0.57	0.28	27.9	Severe	0.40	0.53	0.62	0.30	32.7	Severe	Severe
0204	Vizianagaram	Rajam	0.44	0.58	0.65	0.34	34.0	Severe	0.42	0.50	0.56	0.36	32.0	Severe	Severe
0205	Vizianagaram	Therlam	0.47	0.59	0.64	0.47	0.0	Severe	0.46	0.51	0.58	0.39	34.6	Severe	Severe
0206	Vizianagaram	Bobbili	0.53	0.54	0.63	0.35	65.9	Normal	0.48	0.48	0.56	0.30	67.6	Normal	Normal
0207	Vizianagaram	Ramabhadrapuram	0.60	0.63	0.70	0.57	25.8	Severe	0.51	0.51	0.57	0.46	39.0	Severe	Severe
0208	Vizianagaram	Badangi	0.60	0.61	0.68	0.51	54.4	Moderate	0.53	0.52	0.60	0.39	66.7	Normal	Moderate
0209	Vizianagaram	Merakamudidam	0.57	0.63	0.67	0.55	22.8	Severe	0.51	0.50	0.53	0.45	75.3	Normal	Severe
0210	Vizianagaram	Garividi	0.51	0.63	0.67	0.51	0.0	Severe	0.47	0.52	0.56	0.47	0.0	Severe	Severe
0211	Vizianagaram	Cheepurupalle	0.54	0.64	0.71	0.54	0.0	Severe	0.48	0.53	0.57	0.48	-1.1	Severe	Severe
0212	Vizianagaram	Gurla	0.49	0.60	0.69	0.49	0.0	Severe	0.46	0.50	0.56	0.41	32.9	Severe	Severe
0213	Vizianagaram	Gajapathinagaram	0.58	0.60	0.67	0.56	15.7	Severe	0.52	0.48	0.52	0.43	102.1	Normal	Severe
0214	Vizianagaram	Dattirajeru	0.60	0.61	0.68	0.51	55.9	Moderate	0.53	0.49	0.55	0.39	86.4	Normal	Moderate
0215	Vizianagaram	Mentada	0.61	0.60	0.67	0.51	64.4	Normal	0.53	0.50	0.55	0.41	89.7	Normal	Normal
0216	Vizianagaram	Bondapalle	0.64	0.61	0.70	0.56	56.3	Moderate	0.57	0.48	0.54	0.36	117.3	Normal	Moderate
0217	Vizianagaram	Nellimarla	0.57	0.60	0.67	0.53	28.9	Severe	0.51	0.48	0.52	0.36	91.5	Normal	Severe
0218	Vizianagaram	Pusapatirega	0.50	0.57	0.64	0.42	36.4	Severe	0.43	0.44	0.51	0.30	60.7	Normal	Severe
0219	Vizianagaram	Bhogapuram	0.44	0.57	0.62	0.44	0.0	Severe	0.36	0.44	0.49	0.30	32.8	Severe	Severe
0220	Vizianagaram	Denkada	0.53	0.59	0.63	0.53	0.0	Severe	0.45	0.47	0.51	0.41	40.6	Moderate	Severe



dmcode	DISTRICT	MANDAL	NDVI							NDWI							Final Status
			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	Final Status		
0221	Vizianagaram	Vizianagaram	0.59	0.59	0.66	0.54	41.1	Moderate	0.49	0.47	0.52	0.37	78.4	Normal	Moderate		
0222	Vizianagaram	Gantyada	0.62	0.56	0.64	0.37	90.3	Normal	0.54	0.45	0.53	0.34	108.6	Normal	Normal		
0223	Vizianagaram	Sprungavarapukota	0.66	0.60	0.66	0.49	100.0	Normal	0.58	0.52	0.56	0.41	114.3	Normal	Normal		
0224	Vizianagaram	Jami	0.62	0.58	0.67	0.38	80.6	Normal	0.52	0.48	0.56	0.37	76.0	Normal	Normal		
0225	Vizianagaram	Kothavalasa	0.72	0.61	0.72	0.27	100.0	Normal	0.59	0.48	0.55	0.25	114.4	Normal	Normal		
0226	Vizianagaram	Lakkavarapukota	0.61	0.55	0.66	0.30	88.1	Normal	0.52	0.44	0.53	0.26	97.0	Normal	Normal		
0227	Vizianagaram	Vepada	0.62	0.59	0.66	0.45	79.5	Normal	0.56	0.48	0.54	0.36	110.7	Normal	Normal		
0301	Manyam	Komarada	0.59	0.53	0.65	0.31	83.0	Normal	0.53	0.47	0.57	0.32	84.3	Normal	Normal		
0302	Manyam	Gummalakshmipuram	0.55	0.49	0.64	0.37	66.0	Normal	0.50	0.41	0.51	0.34	90.5	Normal	Normal		
0303	Manyam	Kurupam	0.64	0.61	0.70	0.50	67.5	Normal	0.54	0.52	0.60	0.46	61.5	Normal	Normal		
0304	Manyam	Bhamini	0.66	0.51	0.66	0.43	100.0	Normal	0.58	0.47	0.53	0.43	155.0	Normal	Normal		
0305	Manyam	Seethampeta	0.56	0.65	0.72	0.51	25.1	Severe	0.50	0.56	0.61	0.45	27.7	Severe	Severe		
0306	Manyam	Palakonda	0.43	0.49	0.56	0.35	41.0	Moderate	0.44	0.52	0.61	0.40	16.1	Severe	Severe		
0307	Manyam	Veeraghattam	0.46	0.48	0.55	0.30	66.5	Normal	0.46	0.50	0.56	0.31	60.4	Normal	Normal		
0308	Manyam	Jiyyammavalasa	0.58	0.55	0.62	0.44	77.3	Normal	0.49	0.53	0.62	0.44	27.0	Severe	Severe		
0309	Manyam	Garugubilli	0.46	0.49	0.53	0.37	56.5	Moderate	0.48	0.53	0.59	0.39	42.9	Moderate	Moderate		
0310	Manyam	Balijipeta	0.52	0.53	0.60	0.31	73.2	Normal	0.49	0.49	0.57	0.31	69.5	Normal	Normal		
0311	Manyam	Seethanagaram	0.53	0.57	0.63	0.37	61.4	Normal	0.47	0.53	0.61	0.36	44.7	Moderate	Moderate		
0312	Manyam	Parvathipuram	0.58	0.53	0.62	0.40	81.4	Normal	0.54	0.49	0.55	0.38	89.9	Normal	Normal		
0313	Manyam	Makkova	0.64	0.57	0.64	0.46	96.7	Normal	0.52	0.49	0.56	0.41	75.2	Normal	Normal		
0314	Manyam	Salur	0.57	0.53	0.67	0.43	58.6	Moderate	0.48	0.43	0.55	0.36	62.5	Normal	Moderate		
0315	Manyam	Pachipenta	0.69	0.55	0.69	0.25	100.0	Normal	0.57	0.43	0.55	0.20	105.7	Normal	Normal		
0401	Alluri Sitharama Raju	Munchingi Puttu	0.48	0.20	0.48	0.01	100.0	Normal	0.42	0.17	0.35	0.01	121.8	Normal	Normal		
0402	Alluri Sitharama Raju	Peda Bayalu	0.50	0.21	0.52	0.01	95.9	Normal	0.41	0.18	0.42	0.01	99.0	Normal	Normal		
0403	Alluri Sitharama Raju	Dumbriguda	0.36	0.25	0.48	0.05	71.5	Normal	0.34	0.21	0.39	0.05	84.6	Normal	Normal		
0404	Alluri Sitharama Raju	Araku Valley	0.40	0.38	0.51	0.12	72.0	Normal	0.38	0.30	0.37	0.11	101.1	Normal	Normal		
0405	Alluri Sitharama Raju	Ananthagiri	0.64	0.56	0.73	0.43	69.8	Normal	0.55	0.46	0.56	0.35	92.9	Normal	Normal		
0406	Alluri Sitharama Raju	Hukumpeta	0.48	0.35	0.58	0.20	73.1	Normal	0.44	0.29	0.45	0.16	96.8	Normal	Normal		
0407	Alluri Sitharama Raju	Paderu	0.60	0.43	0.60	0.20	99.3	Normal	0.52	0.36	0.48	0.17	111.5	Normal	Normal		
0408	Alluri Sitharama Raju	G.Madugula	0.57	0.32	0.57	0.16	100.0	Normal	0.48	0.27	0.42	0.13	119.2	Normal	Normal		
0409	Alluri Sitharama Raju	Chintapalle	0.64	0.40	0.64	0.21	100.0	Normal	0.52	0.34	0.45	0.19	125.5	Normal	Normal		
0410	Alluri Sitharama Raju	Gudem Kotha Veedhi	0.45	0.31	0.59	0.06	74.5	Normal	0.39	0.27	0.48	0.05	80.8	Normal	Normal		
0411	Alluri Sitharama Raju	Koyyuru	0.69	0.49	0.71	0.25	93.9	Normal	0.58	0.42	0.57	0.23	103.3	Normal	Normal		
0412	Alluri Sitharama Raju	Rajavommangi	0.67	0.53	0.69	0.33	95.3	Normal	0.56	0.44	0.56	0.27	100.7	Normal	Normal		
0413	Alluri Sitharama Raju	Addateegala	0.67	0.56	0.72	0.33	87.8	Normal	0.57	0.47	0.58	0.28	97.3	Normal	Normal		
0414	Alluri Sitharama Raju	Gangavaram	0.61	0.54	0.68	0.20	84.9	Normal	0.51	0.44	0.56	0.18	85.6	Normal	Normal		
0415	Alluri Sitharama Raju	Rampachodavaram	0.58	0.56	0.73	0.13	74.2	Normal	0.51	0.47	0.59	0.12	81.9	Normal	Normal		
0416	Alluri Sitharama Raju	Devipatnam	0.43	0.57	0.70	0.23	43.0	Moderate	0.41	0.50	0.57	0.23	51.7	Moderate	Moderate		
0417	Alluri Sitharama Raju	Vararamachandrapuram	0.34	0.32	0.54	0.11	52.2	Moderate	0.29	0.30	0.44	0.19	37.8	Severe	Severe		
0418	Alluri Sitharama Raju	Kunavaram	0.32	0.34	0.55	0.09	49.0	Moderate	0.28	0.32	0.42	0.13	50.9	Moderate	Moderate		
0419	Alluri Sitharama Raju	Nellipaka	0.33	0.37	0.55	0.07	55.0	Moderate	0.26	0.30	0.41	0.06	57.4	Moderate	Moderate		
0420	Alluri Sitharama Raju	Chintur	0.50	0.35	0.63	0.19	71.0	Normal	0.39	0.30	0.48	0.19	68.8	Normal	Normal		
0421	Alluri Sitharama Raju	Maredumilli	0.61	0.40	0.74	0.18	77.0	Normal	0.52	0.35	0.62	0.16	77.0	Normal	Normal		
0422	Alluri Sitharama Raju	Y.Ramavaram	0.73	0.41	0.73	0.19	100.0	Normal	0.59	0.35	0.53	0.17	117.4	Normal	Normal		



dmcode	DISTRICT	MANDAL	NDVI							NDWI							Final Status
			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	Final Status		
0501	Visakhapatnam	Padmanabham	0.66	0.60	0.66	0.44	100.0	Normal	0.54	0.47	0.54	0.36	101.2	Normal	Normal	Normal	
0502	Visakhapatnam	Bheemunipatnam	0.58	0.56	0.61	0.47	77.4	Normal	0.48	0.44	0.50	0.32	88.1	Normal	Normal	Normal	
0503	Visakhapatnam	Anandapuram	0.69	0.62	0.71	0.29	93.4	Normal	0.55	0.47	0.56	0.25	95.8	Normal	Normal	Normal	
0504	Visakhapatnam	Pendurthi	0.65	0.61	0.69	0.21	92.5	Normal	0.53	0.48	0.57	0.20	89.4	Normal	Normal	Normal	
0505	Visakhapatnam	Visakhapatnam (Rural)	0.63	0.58	0.67	0.26	88.2	Normal	0.53	0.47	0.55	0.24	93.5	Normal	Normal	Normal	
0506	Visakhapatnam	Seethammadhara*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
0507	Visakhapatnam	Maharanipetta*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
0508	Visakhapatnam	Gopalapatnam*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
0509	Visakhapatnam	Mulagada*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
0510	Visakhapatnam	Gajuwaka	0.48	0.55	0.69	0.18	58.6	Moderate	0.46	0.45	0.55	0.17	76.3	Normal	Moderate	Moderate	
0511	Visakhapatnam	Pedagantyada	0.45	0.50	0.65	0.18	58.8	Moderate	0.44	0.44	0.53	0.18	74.9	Normal	Moderate	Moderate	
0601	Anakapalli	Devarapalle	0.69	0.62	0.70	0.26	97.2	Normal	0.58	0.52	0.58	0.26	98.5	Normal	Normal	Normal	
0602	Anakapalli	K.Kotapadu	0.70	0.61	0.70	0.29	100.0	Normal	0.59	0.48	0.56	0.25	109.8	Normal	Normal	Normal	
0603	Anakapalli	Sabbavaram	0.70	0.62	0.72	0.24	95.8	Normal	0.57	0.49	0.59	0.22	94.5	Normal	Normal	Normal	
0604	Anakapalli	Paravada	0.57	0.56	0.66	0.20	79.9	Normal	0.48	0.45	0.53	0.18	84.4	Normal	Normal	Normal	
0605	Anakapalli	Anakapalle	0.57	0.60	0.71	0.27	69.8	Normal	0.48	0.50	0.60	0.23	66.8	Normal	Normal	Normal	
0606	Anakapalli	Chodavaram	0.69	0.63	0.71	0.36	92.7	Normal	0.56	0.52	0.60	0.32	85.9	Normal	Normal	Normal	
0607	Anakapalli	Cheedikada	0.67	0.62	0.71	0.29	91.2	Normal	0.58	0.51	0.60	0.27	93.7	Normal	Normal	Normal	
0608	Anakapalli	Madugula	0.70	0.61	0.70	0.34	99.7	Normal	0.59	0.52	0.59	0.35	101.2	Normal	Normal	Normal	
0609	Anakapalli	Butchayyapeta	0.65	0.60	0.68	0.21	94.6	Normal	0.52	0.49	0.56	0.19	90.8	Normal	Normal	Normal	
0610	Anakapalli	Kasimkota	0.59	0.59	0.68	0.32	74.9	Normal	0.48	0.49	0.58	0.28	66.1	Normal	Normal	Normal	
0611	Anakapalli	Munagapaka	0.62	0.60	0.69	0.39	77.4	Normal	0.53	0.51	0.60	0.36	71.3	Normal	Normal	Normal	
0612	Anakapalli	Atchutapuram	0.60	0.56	0.65	0.27	85.5	Normal	0.51	0.45	0.53	0.24	92.8	Normal	Normal	Normal	
0613	Anakapalli	Rambilli	0.55	0.53	0.68	0.16	76.0	Normal	0.51	0.45	0.55	0.19	88.4	Normal	Normal	Normal	
0614	Anakapalli	Yelamanchili	0.56	0.58	0.68	0.31	69.6	Normal	0.51	0.49	0.58	0.31	71.2	Normal	Normal	Normal	
0615	Anakapalli	Makavarapalem	0.71	0.60	0.71	0.33	100.0	Normal	0.60	0.49	0.58	0.28	106.2	Normal	Normal	Normal	
0616	Anakapalli	Ravikamatham	0.71	0.62	0.71	0.38	100.0	Normal	0.59	0.51	0.57	0.32	108.2	Normal	Normal	Normal	
0617	Anakapalli	Rolugunta	0.72	0.63	0.72	0.44	100.0	Normal	0.63	0.52	0.58	0.36	120.7	Normal	Normal	Normal	
0618	Anakapalli	Narsipatnam	0.68	0.63	0.75	0.43	79.1	Normal	0.59	0.52	0.58	0.38	101.5	Normal	Normal	Normal	
0619	Anakapalli	Golugonda	0.70	0.61	0.75	0.37	87.9	Normal	0.60	0.51	0.60	0.34	100.4	Normal	Normal	Normal	
0620	Anakapalli	Nathavaram	0.63	0.59	0.68	0.37	84.8	Normal	0.57	0.51	0.58	0.35	97.9	Normal	Normal	Normal	
0621	Anakapalli	Kotauratla	0.72	0.65	0.73	0.51	96.4	Normal	0.63	0.53	0.58	0.40	124.9	Normal	Normal	Normal	
0622	Anakapalli	S.Rayavaram	0.51	0.59	0.68	0.42	34.9	Severe	0.49	0.51	0.56	0.36	62.1	Normal	Severe	Severe	
0623	Anakapalli	Nakkapalle	0.55	0.57	0.67	0.38	60.6	Normal	0.53	0.48	0.58	0.34	81.0	Normal	Normal	Normal	
0624	Anakapalli	Payakaraopeta	0.52	0.60	0.74	0.39	37.6	Severe	0.50	0.51	0.60	0.36	58.9	Moderate	Severe	Severe	
0701	Kakinada	Kotananduru	0.58	0.54	0.63	0.22	88.4	Normal	0.56	0.47	0.55	0.22	101.5	Normal	Normal	Normal	
0702	Kakinada	Tuni	0.64	0.62	0.75	0.43	66.3	Normal	0.57	0.50	0.59	0.38	90.0	Normal	Normal	Normal	
0703	Kakinada	Rowthulapudi	0.69	0.63	0.73	0.51	81.5	Normal	0.59	0.53	0.63	0.43	80.5	Normal	Normal	Normal	
0704	Kakinada	Sankhavaram	0.59	0.63	0.76	0.32	60.8	Normal	0.51	0.53	0.64	0.30	59.6	Moderate	Moderate	Moderate	
0705	Kakinada	Thondangi	0.42	0.51	0.72	0.16	46.9	Moderate	0.42	0.45	0.54	0.15	68.1	Normal	Moderate	Moderate	
0706	Kakinada	Kothapalle	0.31	0.38	0.57	0.13	41.1	Moderate	0.37	0.42	0.51	0.18	56.9	Moderate	Moderate	Moderate	
0707	Kakinada	Gollaprolu	0.37	0.46	0.57	0.21	45.9	Moderate	0.35	0.41	0.48	0.19	54.9	Moderate	Moderate	Moderate	
0708	Kakinada	Prathipadu	0.54	0.55	0.66	0.22	72.0	Normal	0.46	0.49	0.57	0.22	69.7	Normal	Normal	Normal	
0709	Kakinada	Yeleswaram	0.44	0.52	0.72	0.21	44.9	Moderate	0.43	0.49	0.60	0.22	55.6	Moderate	Moderate	Moderate	
0710	Kakinada	Jaggampeta	0.47	0.51	0.63	0.25	58.1	Moderate	0.44	0.45	0.54	0.25	66.1	Normal	Moderate	Moderate	
0711	Kakinada	Gandepalle	0.58	0.52	0.68	0.25	76.5	Normal	0.53	0.47	0.55	0.23	92.0	Normal	Normal	Normal	
0712	Kakinada	Peddapuram	0.54	0.48	0.65	0.29	69.9	Normal	0.45	0.41	0.53	0.25	70.2	Normal	Normal	Normal	
0713	Kakinada	Kirlampudi	0.41	0.51	0.71	0.36	12.1	Severe	0.42	0.50	0.61	0.39	14.2	Severe	Severe	Severe	
0714	Kakinada	Pithapuram	0.39	0.42	0.62	0.28	34.1	Severe	0.43	0.46	0.57	0.32	44.2	Moderate	Severe	Severe	
0715	Kakinada	Samalkota	0.41	0.36	0.56	0.20	59.7	Moderate	0.48	0.42	0.58	0.27	68.3	Normal	Moderate	Moderate	
0716	Kakinada	Kakinada (Rural)	0.46	0.37	0.47	0.22	95.6	Normal	0.44	0.39	0.50	0.29	68.8	Normal	Normal	Normal	
0717	Kakinada	Kakinada (Urban)	0.52	0.37	0.52	0.20	100.0	Normal	0.49	0.39	0.49	0.31	97.8	Normal	Normal	Normal	
0718	Kakinada	Pedapudi	0.47	0.41	0.61	0.20	64.7	Normal	0.56	0.48	0.62	0.28	82.1	Normal	Normal	Normal	
0719	Kakinada	Karapa	0.42	0.37	0.51	0.23	67.7	Normal	0.49	0.49	0.58	0.41	45.7	Moderate	Moderate	Moderate	



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			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	
0720	Kakinada	Kajuluru	0.38	0.38	0.52	0.25	46.1	Moderate	0.48	0.53	0.60	0.47	1.6	Severe	Severe
0721	Kakinada	Thallarevu	0.40	0.38	0.49	0.25	62.3	Normal	0.53	0.52	0.58	0.43	65.4	Normal	Normal
0801	Kona Seema	Atreyapuram	0.21	0.34	0.51	0.21	0.0	Severe	0.32	0.44	0.54	0.35	-15.8	Severe	Severe
0802	Kona Seema	Alamuru	0.24	0.43	0.63	0.24	0.0	Severe	0.32	0.48	0.56	0.40	-53.0	Severe	Severe
0803	Kona Seema	Mandapeta	0.51	0.50	0.66	0.37	47.1	Moderate	0.50	0.51	0.56	0.46	39.3	Severe	Severe
0804	Kona Seema	Rayavaram	0.36	0.47	0.70	0.34	7.4	Severe	0.40	0.53	0.63	0.42	-6.2	Severe	Severe
0805	Kona Seema	Ramachandrapuram	0.33	0.43	0.62	0.26	21.4	Severe	0.41	0.52	0.61	0.33	27.1	Severe	Severe
0806	Kona Seema	Pamarru	0.42	0.42	0.57	0.25	54.3	Moderate	0.55	0.55	0.64	0.43	56.7	Moderate	Moderate
0807	Kona Seema	Kapileswarapuram	0.18	0.42	0.59	0.18	0.0	Severe	0.28	0.55	0.62	0.46	-108.0	Severe	Severe
0808	Kona Seema	Ravulapalem	0.36	0.47	0.56	0.36	0.0	Severe	0.40	0.51	0.58	0.44	-34.3	Severe	Severe
0809	Kona Seema	Kothapeta	0.59	0.52	0.63	0.35	84.0	Normal	0.61	0.58	0.64	0.48	83.2	Normal	Normal
0810	Kona Seema	Ainavilli	0.59	0.51	0.62	0.34	86.7	Normal	0.63	0.61	0.67	0.52	75.0	Normal	Normal
0811	Kona Seema	Mummidiyaram	0.58	0.51	0.63	0.34	84.0	Normal	0.63	0.61	0.67	0.56	63.6	Normal	Normal
0812	Kona Seema	I. Polavaram	0.48	0.42	0.55	0.26	77.9	Normal	0.55	0.57	0.69	0.43	46.0	Moderate	Moderate
0813	Kona Seema	Katrenikona	0.46	0.40	0.53	0.27	73.1	Normal	0.58	0.55	0.65	0.49	61.0	Normal	Normal
0814	Kona Seema	Uppalaguptam	0.41	0.49	0.58	0.40	5.5	Severe	0.46	0.59	0.65	0.56	-115.1	Severe	Severe
0815	Kona Seema	Amalapuram	0.53	0.55	0.66	0.46	35.6	Severe	0.51	0.60	0.66	0.54	-29.5	Severe	Severe
0816	Kona Seema	Ambajipeta	0.70	0.58	0.70	0.44	100.0	Normal	0.69	0.64	0.72	0.51	85.4	Normal	Normal
0817	Kona Seema	P.Gannavaram	0.34	0.45	0.56	0.30	13.8	Severe	0.46	0.58	0.67	0.48	-8.7	Severe	Severe
0818	Kona Seema	Sakhinetipalle	0.37	0.48	0.61	0.37	0.0	Severe	0.50	0.59	0.65	0.51	-12.9	Severe	Severe
0819	Kona Seema	Malikipuram	0.48	0.51	0.69	0.42	19.7	Severe	0.52	0.54	0.67	0.53	-7.1	Severe	Severe
0820	Kona Seema	Razole	0.45	0.49	0.65	0.45	2.0	Severe	0.48	0.57	0.67	0.52	-23.5	Severe	Severe
0821	Kona Seema	Mamidikuduru	0.39	0.48	0.66	0.39	0.0	Severe	0.47	0.58	0.68	0.51	-23.4	Severe	Severe
0822	Kona Seema	Allavaram	0.35	0.46	0.60	0.35	0.0	Severe	0.46	0.58	0.63	0.52	-52.2	Severe	Severe
0901	East Godavari	Gokavaram	0.45	0.48	0.61	0.17	65.0	Normal	0.46	0.44	0.53	0.17	79.8	Normal	Normal
0902	East Godavari	Korukonda	0.35	0.49	0.62	0.35	0.0	Severe	0.42	0.48	0.55	0.41	10.9	Severe	Severe
0903	East Godavari	Rajanagaram	0.55	0.56	0.70	0.39	50.0	Moderate	0.51	0.50	0.57	0.37	69.3	Normal	Moderate
0904	East Godavari	Rangampeta	0.52	0.50	0.67	0.35	52.4	Moderate	0.48	0.42	0.50	0.31	89.1	Normal	Moderate
0905	East Godavari	Biccavolu	0.51	0.48	0.68	0.31	55.0	Moderate	0.52	0.49	0.58	0.40	65.4	Normal	Moderate
0906	East Godavari	Anaparthy	0.60	0.50	0.68	0.38	71.0	Normal	0.51	0.51	0.58	0.48	38.2	Severe	Severe
0907	East Godavari	Kadiam	0.50	0.45	0.61	0.25	68.5	Normal	0.49	0.44	0.51	0.33	86.4	Normal	Normal
0908	East Godavari	Rajahmundry (R)	0.31	0.40	0.56	0.06	50.6	Moderate	0.35	0.42	0.50	0.08	63.4	Normal	Moderate
0909	East Godavari	Rajahmundry (U)	0.30	0.34	0.50	0.00	60.0	Moderate	0.34	0.30	0.44	0.00	76.6	Normal	Moderate
0910	East Godavari	Seethanagaram	0.21	0.57	0.63	0.21	0.0	Severe	0.29	0.53	0.61	0.36	-27.3	Severe	Severe
0911	East Godavari	Tallapudi	0.34	0.49	0.64	0.33	3.0	Severe	0.38	0.47	0.52	0.37	3.4	Severe	Severe
0912	East Godavari	Gopalapuram	0.39	0.51	0.62	0.32	21.7	Severe	0.38	0.44	0.52	0.31	32.1	Severe	Severe
0913	East Godavari	Devarapalle	0.37	0.62	0.70	0.26	24.4	Severe	0.34	0.52	0.58	0.26	25.2	Severe	Severe
0914	East Godavari	Nallajerla	0.57	0.54	0.67	0.27	74.6	Normal	0.48	0.48	0.59	0.26	67.4	Normal	Normal
0915	East Godavari	Kovvur	0.35	0.49	0.66	0.18	34.5	Severe	0.34	0.47	0.55	0.17	43.4	Moderate	Severe
0916	East Godavari	Chagallu	0.43	0.54	0.74	0.09	51.5	Moderate	0.40	0.50	0.60	0.09	61.4	Normal	Moderate
0917	East Godavari	Nidadavole	0.41	0.49	0.68	0.32	24.7	Severe	0.43	0.49	0.56	0.41	16.2	Severe	Severe
0918	East Godavari	Undrajavaram	0.45	0.46	0.64	0.36	33.9	Severe	0.47	0.49	0.58	0.44	19.4	Severe	Severe
0919	East Godavari	Peravali	0.37	0.48	0.60	0.34	13.2	Severe	0.42	0.53	0.59	0.42	1.2	Severe	Severe
1001	West Godavari	Tadepalligudem	0.60	0.52	0.66	0.35	82.0	Normal	0.56	0.52	0.60	0.43	78.8	Normal	Normal
1002	West Godavari	Pentapadu	0.38	0.39	0.56	0.28	35.1	Severe	0.48	0.57	0.64	0.53	-42.3	Severe	Severe
1003	West Godavari	Tanuku	0.45	0.43	0.56	0.35	50.0	Moderate	0.53	0.53	0.59	0.43	63.4	Normal	Moderate
1004	West Godavari	Attili	0.35	0.37	0.46	0.31	24.0	Severe	0.46	0.57	0.65	0.45	3.1	Severe	Severe
1005	West Godavari	Iragavaram	0.29	0.40	0.51	0.29	0.0	Severe	0.51	0.58	0.64	0.53	-22.2	Severe	Severe
1006	West Godavari	Penugonda	0.41	0.42	0.59	0.27	42.9	Moderate	0.48	0.58	0.63	0.45	14.4	Severe	Severe
1007	West Godavari	Penumantra	0.38	0.40	0.60	0.30	25.5	Severe	0.47	0.59	0.66	0.53	-39.7	Severe	Severe
1008	West Godavari	Veeravasaram	0.35	0.40	0.50	0.29	31.4	Severe	0.49	0.57	0.65	0.44	24.4	Severe	Severe
1009	West Godavari	Palacoderu	0.43	0.38	0.44	0.18	95.7	Normal	0.51	0.55	0.63	0.34	56.2	Moderate	Moderate
1010	West Godavari	Undi	0.38	0.35	0.44	0.25	69.5	Normal	0.41	0.55	0.67	0.40	3.3	Severe	Severe
1011	West Godavari	Akividu	0.36	0.40	0.51	0.25	41.6	Moderate	0.39	0.54	0.66	0.34	15.6	Severe	Severe
1012	West Godavari	Kalla	0.37	0.38	0.48	0.17	65.1	Normal	0.43	0.54	0.63	0.28	41.1	Moderate	Moderate



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1013	West Godavari	Bhimavaram	0.34	0.38	0.43	0.25	48.7	Moderate	0.41	0.54	0.61	0.37	15.2	Severe	Severe
1014	West Godavari	Mogalthur	0.38	0.48	0.58	0.33	17.3	Severe	0.46	0.56	0.62	0.45	3.6	Severe	Severe
1015	West Godavari	Narasapuram	0.32	0.41	0.50	0.29	15.7	Severe	0.44	0.56	0.63	0.47	-15.7	Severe	Severe
1016	West Godavari	Palacole	0.35	0.41	0.50	0.25	42.6	Moderate	0.43	0.55	0.65	0.37	21.9	Severe	Severe
1017	West Godavari	Yelamanchili	0.26	0.58	0.68	0.26	0.0	Severe	0.32	0.49	0.58	0.31	0.7	Severe	Severe
1018	West Godavari	Poduru	0.29	0.40	0.62	0.27	4.6	Severe	0.40	0.58	0.66	0.51	-68.4	Severe	Severe
1019	West Godavari	Achanta	0.34	0.41	0.50	0.31	13.5	Severe	0.40	0.59	0.67	0.50	-54.3	Severe	Severe
1101	Eluru	Kukunoor	0.30	0.37	0.55	0.10	42.9	Moderate	0.25	0.32	0.45	0.09	44.8	Moderate	Moderate
1102	Eluru	Velaipadu	0.35	0.30	0.52	0.09	60.0	Normal	0.30	0.26	0.38	0.10	70.4	Normal	Normal
1103	Eluru	Polavaram	0.43	0.45	0.62	0.27	45.5	Moderate	0.40	0.43	0.51	0.28	52.3	Moderate	Moderate
1104	Eluru	Buttayagudem	0.45	0.40	0.63	0.18	59.8	Moderate	0.38	0.34	0.52	0.17	59.7	Moderate	Moderate
1105	Eluru	Jeelugu Milli	0.56	0.41	0.62	0.24	84.4	Normal	0.44	0.35	0.49	0.21	82.9	Normal	Normal
1106	Eluru	Jangareddigudem	0.48	0.43	0.60	0.24	67.3	Normal	0.44	0.40	0.53	0.24	69.4	Normal	Normal
1107	Eluru	Koyyalagudem	0.40	0.46	0.59	0.17	54.0	Moderate	0.38	0.41	0.55	0.18	54.3	Moderate	Moderate
1108	Eluru	Dwaraka Tirumala	0.63	0.54	0.69	0.30	85.6	Normal	0.55	0.48	0.58	0.31	89.4	Normal	Normal
1109	Eluru	Kamavarapukota	0.71	0.52	0.71	0.39	100.0	Normal	0.60	0.47	0.61	0.40	99.0	Normal	Normal
1110	Eluru	T.Narasapuram	0.59	0.52	0.69	0.43	64.9	Normal	0.51	0.45	0.57	0.38	66.5	Normal	Normal
1111	Eluru	Chintalapudi	0.62	0.49	0.63	0.43	95.0	Normal	0.53	0.45	0.53	0.39	100.0	Normal	Normal
1112	Eluru	Chatrai	0.61	0.52	0.62	0.43	96.3	Normal	0.55	0.47	0.56	0.40	89.6	Normal	Normal
1113	Eluru	Lingapalem	0.61	0.50	0.64	0.43	89.1	Normal	0.53	0.46	0.56	0.42	81.1	Normal	Normal
1114	Eluru	Pedavegi	0.65	0.55	0.66	0.31	98.0	Normal	0.55	0.50	0.56	0.33	94.3	Normal	Normal
1115	Eluru	Denduluru	0.50	0.44	0.55	0.26	81.0	Normal	0.52	0.49	0.56	0.32	81.4	Normal	Normal
1116	Eluru	Bhimadole	0.36	0.48	0.63	0.17	40.6	Moderate	0.45	0.54	0.62	0.29	50.0	Moderate	Moderate
1117	Eluru	Ungutur	0.42	0.50	0.64	0.25	45.0	Moderate	0.53	0.54	0.63	0.34	65.9	Normal	Moderate
1118	Eluru	Ganapavaram	0.33	0.35	0.48	0.29	20.7	Severe	0.41	0.57	0.64	0.50	-66.4	Severe	Severe
1119	Eluru	Nidamarru	0.35	0.38	0.44	0.30	31.5	Severe	0.41	0.55	0.65	0.41	0.4	Severe	Severe
1120	Eluru	Kaikalur	0.38	0.44	0.52	0.24	50.4	Moderate	0.42	0.49	0.64	0.25	43.0	Moderate	Moderate
1121	Eluru	Kalidindi	0.39	0.40	0.50	0.20	62.5	Normal	0.42	0.48	0.57	0.24	56.8	Moderate	Moderate
1122	Eluru	Mudinepalle	0.42	0.41	0.48	0.34	57.7	Moderate	0.44	0.47	0.57	0.37	37.7	Severe	Severe
1123	Eluru	Mandavalli	0.39	0.43	0.50	0.37	17.8	Severe	0.43	0.49	0.63	0.37	24.2	Severe	Severe
1124	Eluru	Eluru	0.38	0.39	0.56	0.27	37.6	Severe	0.47	0.46	0.59	0.28	61.9	Normal	Severe
1125	Eluru	Pedapadu	0.40	0.41	0.58	0.29	37.4	Severe	0.47	0.48	0.56	0.33	61.3	Normal	Severe
1126	Eluru	Agiripalle	0.49	0.56	0.62	0.46	17.9	Severe	0.41	0.49	0.56	0.42	-3.6	Severe	Severe
1127	Eluru	Nuzvid	0.52	0.57	0.63	0.48	29.2	Severe	0.42	0.48	0.55	0.43	-8.1	Severe	Severe
1128	Eluru	Musunuru	0.57	0.55	0.63	0.46	67.7	Normal	0.47	0.48	0.59	0.43	28.0	Severe	Severe
1201	Krishna	Gannavaram	0.41	0.46	0.52	0.38	26.4	Severe	0.37	0.44	0.51	0.38	-1.5	Severe	Severe
1202	Krishna	Bapulapadu	0.49	0.51	0.60	0.40	44.6	Moderate	0.47	0.50	0.59	0.36	46.4	Moderate	Moderate
1203	Krishna	Nandivada	0.38	0.38	0.48	0.31	40.7	Moderate	0.53	0.48	0.55	0.40	87.2	Normal	Moderate
1204	Krishna	Unguturu	0.35	0.40	0.48	0.27	38.0	Severe	0.47	0.48	0.56	0.34	61.2	Normal	Severe
1205	Krishna	Kankipadu	0.32	0.49	0.62	0.32	0.0	Severe	0.39	0.54	0.60	0.47	-55.8	Severe	Severe
1206	Krishna	Penamaluru	0.38	0.49	0.59	0.37	7.1	Severe	0.38	0.50	0.55	0.42	-27.8	Severe	Severe
1207	Krishna	Thotlavalluru	0.37	0.50	0.60	0.37	0.0	Severe	0.40	0.47	0.53	0.43	-28.4	Severe	Severe
1208	Krishna	Vuyyuru	0.30	0.46	0.61	0.30	0.0	Severe	0.40	0.55	0.62	0.47	-45.3	Severe	Severe
1209	Krishna	Pedaparupudi	0.27	0.38	0.56	0.22	14.9	Severe	0.44	0.51	0.61	0.32	40.5	Moderate	Severe
1210	Krishna	Gudivada	0.34	0.39	0.50	0.31	17.2	Severe	0.47	0.47	0.54	0.30	70.5	Normal	Severe
1211	Krishna	Gudlavalleru	0.25	0.40	0.56	0.25	0.0	Severe	0.35	0.50	0.60	0.34	3.8	Severe	Severe
1212	Krishna	Pamarru	0.33	0.42	0.57	0.25	25.3	Severe	0.46	0.55	0.64	0.43	12.9	Severe	Severe
1213	Krishna	Pamidimukkala	0.33	0.46	0.55	0.33	0.0	Severe	0.47	0.51	0.58	0.40	38.0	Severe	Severe
1214	Krishna	Movva	0.25	0.40	0.48	0.25	0.0	Severe	0.39	0.44	0.59	0.26	39.5	Severe	Severe
1215	Krishna	Guduru	0.34	0.41	0.47	0.32	14.9	Severe	0.40	0.40	0.55	0.26	48.9	Moderate	Severe
1216	Krishna	Pedana	0.20	0.40	0.51	0.20	0.0	Severe	0.22	0.42	0.56	0.24	-6.7	Severe	Severe
1217	Krishna	Bantumilli	0.32	0.39	0.51	0.32	0.0	Severe	0.36	0.45	0.52	0.30	27.2	Severe	Severe
1218	Krishna	Kruthivennu	0.26	0.37	0.49	0.26	0.0	Severe	0.37	0.46	0.52	0.36	3.3	Severe	Severe
1219	Krishna	Machilipatnam	0.30	0.34	0.44	0.24	28.4	Severe	0.35	0.33	0.41	0.24	62.9	Normal	Severe
1220	Krishna	Koduru	0.22	0.27	0.44	0.15	22.5	Severe	0.42	0.34	0.40	0.17	109.5	Normal	Severe



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	
1221	Krishna	Nagayalanka	0.09	0.29	0.52	0.09	0.0	Severe	0.18	0.36	0.46	0.19	-1.4	Severe	Severe
1222	Krishna	Avanigadda	0.24	0.46	0.64	0.23	2.2	Severe	0.28	0.42	0.54	0.29	-1.9	Severe	Severe
1223	Krishna	Mopidevi	0.25	0.46	0.59	0.22	8.9	Severe	0.31	0.41	0.50	0.25	23.2	Severe	Severe
1224	Krishna	Challapalle	0.37	0.46	0.59	0.33	14.3	Severe	0.41	0.39	0.49	0.28	60.3	Normal	Severe
1225	Krishna	Ghantasala	0.28	0.42	0.56	0.28	0.0	Severe	0.43	0.42	0.54	0.25	62.4	Normal	Severe
1301	NTR	Gampalagudem	0.41	0.48	0.56	0.41	1.9	Severe	0.31	0.36	0.48	0.25	26.2	Severe	Severe
1302	NTR	Tiruvuru	0.49	0.47	0.58	0.42	42.4	Moderate	0.54	0.45	0.56	0.37	87.2	Normal	Moderate
1303	NTR	Vissannapet	0.61	0.52	0.61	0.41	100.0	Normal	0.54	0.47	0.53	0.42	110.1	Normal	Normal
1304	NTR	A.Konduru	0.53	0.51	0.61	0.43	56.4	Moderate	0.44	0.42	0.47	0.35	72.5	Normal	Moderate
1305	NTR	Reddigudem	0.52	0.48	0.58	0.27	79.5	Normal	0.46	0.44	0.52	0.25	78.1	Normal	Normal
1306	NTR	Mylavaram	0.50	0.51	0.61	0.35	57.3	Moderate	0.38	0.43	0.48	0.35	26.6	Severe	Severe
1307	NTR	G.Konduru	0.53	0.50	0.59	0.21	84.0	Normal	0.44	0.42	0.49	0.21	81.9	Normal	Normal
1308	NTR	Veerullapadu	0.57	0.62	0.73	0.49	32.2	Severe	0.45	0.50	0.61	0.38	27.2	Severe	Severe
1309	NTR	Nandigama	0.62	0.63	0.71	0.56	40.0	Moderate	0.50	0.49	0.58	0.41	54.4	Moderate	Moderate
1310	NTR	Penuganchiprolu	0.62	0.58	0.65	0.51	76.7	Normal	0.53	0.45	0.53	0.39	100.7	Normal	Normal
1311	NTR	Vatsavai	0.54	0.51	0.57	0.44	71.9	Normal	0.41	0.32	0.45	0.27	76.2	Normal	Normal
1312	NTR	Jaggayyapeta	0.53	0.52	0.59	0.46	52.3	Moderate	0.44	0.35	0.49	0.27	77.2	Normal	Moderate
1313	NTR	Chandarlapadu	0.57	0.55	0.67	0.46	50.9	Moderate	0.45	0.42	0.52	0.31	69.0	Normal	Moderate
1314	NTR	Kanchikacherla	0.58	0.53	0.67	0.41	67.6	Normal	0.52	0.41	0.55	0.31	85.3	Normal	Normal
1315	NTR	Ibrahimpatnam	0.51	0.48	0.60	0.35	63.6	Normal	0.45	0.43	0.50	0.34	67.1	Normal	Normal
1316	NTR	Vijayawada (Rural)	0.50	0.46	0.55	0.33	75.0	Normal	0.52	0.48	0.54	0.36	90.0	Normal	Normal
1317	NTR	Vijayawada North*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1318	NTR	Vijayawada East*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1319	NTR	Vijayawada Central*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1320	NTR	Vijayawada West*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1401	Guntur	Thullur	0.58	0.44	0.59	0.33	92.7	Normal	0.49	0.36	0.54	0.21	83.7	Normal	Normal
1402	Guntur	Tadepalle	0.43	0.47	0.58	0.37	27.8	Severe	0.35	0.41	0.46	0.37	-27.2	Severe	Severe
1403	Guntur	Mangalagiri	0.40	0.47	0.61	0.37	12.9	Severe	0.34	0.38	0.49	0.27	29.0	Severe	Severe
1404	Guntur	Tadikonda	0.36	0.36	0.47	0.29	37.2	Severe	0.20	0.21	0.36	0.11	38.6	Severe	Severe
1405	Guntur	Medikonduru	0.36	0.40	0.48	0.35	13.2	Severe	0.27	0.21	0.33	0.12	72.6	Normal	Severe
1406	Guntur	Phirangipuram	0.27	0.43	0.50	0.27	0.0	Severe	0.18	0.25	0.34	0.12	28.8	Severe	Severe
1407	Guntur	Guntur Rural	0.40	0.43	0.54	0.36	20.3	Severe	0.26	0.28	0.39	0.16	43.5	Moderate	Severe
1408	Guntur	Guntur Urban*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1409	Guntur	Pedakakani	0.30	0.38	0.45	0.27	16.6	Severe	0.24	0.23	0.37	0.13	45.2	Moderate	Severe
1410	Guntur	Duggirala	0.30	0.36	0.44	0.30	0.0	Severe	0.17	0.28	0.40	0.19	-7.8	Severe	Severe
1411	Guntur	Kollipara	0.19	0.33	0.42	0.19	0.0	Severe	0.15	0.27	0.45	0.17	-7.5	Severe	Severe
1412	Guntur	Tenali	0.33	0.36	0.42	0.23	52.1	Moderate	0.23	0.29	0.39	0.22	10.3	Severe	Severe
1413	Guntur	Chebrolu	0.33	0.36	0.43	0.30	21.7	Severe	0.33	0.24	0.39	0.14	77.5	Normal	Severe
1414	Guntur	Vatticherukuru	0.26	0.31	0.43	0.26	0.0	Severe	0.23	0.15	0.30	0.05	73.3	Normal	Severe
1415	Guntur	Prathipadu	0.16	0.55	0.66	0.16	0.0	Severe	0.10	0.49	0.57	0.22	-35.7	Severe	Severe
1416	Guntur	Pedanandipadu	0.16	0.27	0.32	0.16	0.0	Severe	0.12	0.08	0.17	0.01	72.6	Normal	Severe
1417	Guntur	Kakumanu	0.17	0.28	0.35	0.17	0.0	Severe	0.16	0.13	0.24	0.03	61.4	Normal	Severe
1418	Guntur	Ponnur	0.19	0.37	0.50	0.19	0.0	Severe	0.22	0.28	0.38	0.17	22.3	Severe	Severe
1501	Bapatla	Tsundur	0.34	0.37	0.47	0.31	16.7	Severe	0.37	0.28	0.36	0.17	101.0	Normal	Severe
1502	Bapatla	Amruthalur	0.30	0.32	0.43	0.24	31.8	Severe	0.36	0.23	0.34	0.12	109.2	Normal	Severe
1503	Bapatla	Vemuru	0.32	0.35	0.42	0.28	23.0	Severe	0.25	0.26	0.34	0.16	50.8	Moderate	Severe
1504	Bapatla	Kollur	0.39	0.41	0.47	0.38	9.5	Severe	0.32	0.35	0.43	0.27	32.1	Severe	Severe
1505	Bapatla	Bhattiprolu	0.33	0.42	0.57	0.29	16.0	Severe	0.33	0.32	0.41	0.25	50.0	Moderate	Severe
1506	Bapatla	Repalle	0.17	0.34	0.44	0.17	0.0	Severe	0.26	0.32	0.44	0.21	20.4	Severe	Severe
1507	Bapatla	Nizampatnam	0.32	0.34	0.47	0.19	46.8	Moderate	0.47	0.28	0.41	0.18	127.2	Normal	Moderate
1508	Bapatla	Nagaram	0.30	0.37	0.50	0.22	30.0	Severe	0.36	0.24	0.40	0.11	87.1	Normal	Severe
1509	Bapatla	Cherukupalle	0.32	0.36	0.48	0.15	53.4	Moderate	0.30	0.20	0.37	0.08	74.1	Normal	Moderate
1510	Bapatla	Pittalavanipalem	0.30	0.37	0.45	0.30	0.0	Severe	0.29	0.22	0.30	0.13	94.3	Normal	Severe
1511	Bapatla	Karlapalem	0.34	0.32	0.39	0.22	74.0	Normal	0.32	0.17	0.19	0.09	231.0	Normal	Normal



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			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	
1512	Bapatla	Bapatla	0.27	0.33	0.44	0.27	1.2	Severe	0.23	0.18	0.27	0.09	81.1	Normal	Severe
1513	Bapatla	Chirala	0.36	0.34	0.43	0.24	63.7	Normal	0.24	0.18	0.30	0.07	75.3	Normal	Normal
1514	Bapatla	Karamchedu	0.27	0.27	0.31	0.21	55.6	Moderate	0.19	0.08	0.17	0.02	114.1	Normal	Moderate
1515	Bapatla	Parchur	0.25	0.26	0.31	0.23	25.3	Severe	0.23	0.06	0.12	0.01	200.0	Normal	Severe
1516	Bapatla	Yeddanapudi	0.24	0.28	0.36	0.24	0.0	Severe	0.20	0.08	0.16	0.04	129.3	Normal	Severe
1517	Bapatla	Martur	0.40	0.42	0.48	0.34	38.1	Severe	0.30	0.23	0.33	0.16	85.5	Normal	Severe
1518	Bapatla	Ballikurava	0.52	0.47	0.54	0.39	90.3	Normal	0.42	0.30	0.38	0.23	122.6	Normal	Normal
1519	Bapatla	Santhamaguluru	0.53	0.44	0.56	0.36	85.3	Normal	0.41	0.25	0.36	0.16	126.3	Normal	Normal
1520	Bapatla	Addanki	0.46	0.47	0.55	0.36	51.5	Moderate	0.38	0.28	0.38	0.17	102.9	Normal	Moderate
1521	Bapatla	Korisapadu	0.35	0.37	0.48	0.28	31.6	Severe	0.23	0.14	0.22	0.05	108.8	Normal	Severe
1522	Bapatla	Janakavarampanguluru	0.37	0.45	0.55	0.35	11.9	Severe	0.28	0.24	0.33	0.12	74.4	Normal	Severe
1523	Bapatla	Inkollu	0.29	0.27	0.32	0.22	70.7	Normal	0.17	0.07	0.18	0.01	93.0	Normal	Normal
1524	Bapatla	Chinaganjam	0.35	0.30	0.39	0.22	79.8	Normal	0.33	0.16	0.43	0.04	75.5	Normal	Normal
1525	Bapatla	Vetapalem	0.33	0.34	0.43	0.24	46.4	Moderate	0.20	0.16	0.41	0.03	46.2	Moderate	Moderate
1601	Palnadu	Atchampet	0.44	0.40	0.47	0.32	78.9	Normal	0.28	0.23	0.36	0.10	70.4	Normal	Normal
1602	Palnadu	Amaravathi	0.33	0.38	0.50	0.27	28.8	Severe	0.22	0.24	0.38	0.16	26.7	Severe	Severe
1603	Palnadu	Pedakurapadu	0.39	0.38	0.45	0.34	45.2	Moderate	0.22	0.19	0.35	0.11	48.8	Moderate	Moderate
1604	Palnadu	Krosuru	0.44	0.42	0.51	0.34	58.3	Moderate	0.23	0.22	0.39	0.10	46.6	Moderate	Moderate
1605	Palnadu	Bellamkonda	0.33	0.46	0.53	0.33	0.0	Severe	0.23	0.30	0.42	0.19	15.5	Severe	Severe
1606	Palnadu	Machavaram	0.36	0.39	0.47	0.30	34.5	Severe	0.22	0.21	0.35	0.10	48.6	Moderate	Severe
1607	Palnadu	Piduguralla	0.44	0.44	0.52	0.35	52.1	Moderate	0.30	0.27	0.38	0.15	65.8	Normal	Moderate
1608	Palnadu	Rajupalem	0.47	0.45	0.54	0.36	59.0	Moderate	0.34	0.26	0.44	0.11	69.5	Normal	Moderate
1609	Palnadu	Sattenapalle	0.44	0.41	0.51	0.34	58.5	Moderate	0.32	0.22	0.35	0.16	83.8	Normal	Moderate
1610	Palnadu	Muppalla	0.39	0.46	0.54	0.38	0.6	Severe	0.32	0.28	0.39	0.15	68.0	Normal	Severe
1611	Palnadu	Nekarikallu	0.55	0.47	0.58	0.36	86.8	Normal	0.45	0.30	0.42	0.12	109.0	Normal	Normal
1612	Palnadu	Ipur	0.48	0.41	0.51	0.32	88.2	Normal	0.31	0.22	0.35	0.09	83.7	Normal	Normal
1613	Palnadu	Karempudi	0.51	0.46	0.59	0.36	62.9	Normal	0.38	0.28	0.43	0.15	79.6	Normal	Normal
1614	Palnadu	Dachepalle	0.45	0.40	0.50	0.30	77.2	Normal	0.30	0.21	0.36	0.09	78.8	Normal	Normal
1615	Palnadu	Gurazala	0.47	0.41	0.54	0.31	71.0	Normal	0.28	0.22	0.38	0.09	64.6	Normal	Normal
1616	Palnadu	Rentachintala	0.46	0.40	0.55	0.31	59.9	Moderate	0.31	0.22	0.42	0.05	69.9	Normal	Moderate
1617	Palnadu	Macherla	0.49	0.38	0.54	0.29	80.3	Normal	0.34	0.16	0.34	0.05	99.0	Normal	Normal
1618	Palnadu	Veldurthi	0.44	0.32	0.45	0.26	92.7	Normal	0.28	0.11	0.21	0.03	134.0	Normal	Normal
1619	Palnadu	Durgi	0.56	0.41	0.56	0.29	100.0	Normal	0.48	0.23	0.39	0.06	127.6	Normal	Normal
1620	Palnadu	Bollapalle	0.45	0.37	0.48	0.25	85.8	Normal	0.29	0.21	0.33	0.06	83.7	Normal	Normal
1621	Palnadu	Vinukonda	0.44	0.41	0.49	0.28	75.7	Normal	0.29	0.21	0.35	0.09	77.9	Normal	Normal
1622	Palnadu	Nuzendla	0.41	0.42	0.53	0.33	40.6	Moderate	0.30	0.19	0.33	0.08	88.7	Normal	Moderate
1623	Palnadu	Savalyapuram	0.53	0.44	0.56	0.33	87.9	Normal	0.37	0.23	0.34	0.14	111.2	Normal	Normal
1624	Palnadu	Rompicherla	0.60	0.47	0.62	0.34	92.7	Normal	0.50	0.28	0.44	0.13	117.7	Normal	Normal
1625	Palnadu	Narasaraopet	0.55	0.47	0.61	0.36	77.6	Normal	0.45	0.28	0.41	0.20	123.9	Normal	Normal
1626	Palnadu	Nadendla	0.45	0.43	0.55	0.35	47.7	Moderate	0.32	0.23	0.35	0.12	88.5	Normal	Moderate
1627	Palnadu	Edlapadu	0.28	0.38	0.49	0.28	0.0	Severe	0.19	0.20	0.37	0.11	31.4	Severe	Severe
1628	Palnadu	Chilakaluripet	0.53	0.39	0.53	0.35	100.0	Normal	0.41	0.20	0.32	0.15	154.1	Normal	Normal
1701	Prakasam	Yerragondapalem	0.27	0.33	0.43	0.25	10.6	Severe	0.10	0.15	0.25	0.04	28.8	Severe	Severe
1702	Prakasam	Pullalacheruvu	0.34	0.33	0.42	0.24	55.2	Moderate	0.21	0.17	0.23	0.06	86.8	Normal	Moderate
1703	Prakasam	Tripuranthakam	0.36	0.36	0.45	0.24	58.0	Moderate	0.24	0.18	0.29	0.04	81.9	Normal	Moderate
1704	Prakasam	Peda Araveedu	0.26	0.29	0.40	0.24	9.0	Severe	0.07	0.07	0.17	-0.01	43.0	Moderate	Severe
1705	Prakasam	Dornala	0.44	0.29	0.44	0.17	100.0	Normal	0.20	0.11	0.22	0.02	89.9	Normal	Normal
1706	Prakasam	Markapur	0.33	0.29	0.41	0.23	51.9	Moderate	0.16	0.09	0.20	0.01	76.7	Normal	Moderate
1707	Prakasam	Donakonda	0.27	0.29	0.37	0.20	38.5	Severe	0.11	0.04	0.12	-0.05	95.8	Normal	Severe
1708	Prakasam	Kurichedu	0.31	0.33	0.44	0.23	37.3	Severe	0.16	0.06	0.18	-0.03	91.3	Normal	Severe
1709	Prakasam	Darsi	0.32	0.38	0.44	0.29	18.5	Severe	0.19	0.13	0.22	0.01	85.4	Normal	Severe
1710	Prakasam	Mundlamuru	0.39	0.42	0.49	0.31	43.2	Moderate	0.32	0.19	0.30	0.06	107.0	Normal	Moderate
1711	Prakasam	Thallur	0.41	0.44	0.52	0.33	40.5	Moderate	0.31	0.25	0.35	0.11	83.4	Normal	Moderate
1712	Prakasam	Podili	0.26	0.30	0.41	0.25	6.9	Severe	0.11	0.05	0.12	-0.02	96.4	Normal	Severe
1713	Prakasam	Konakanamitla	0.30	0.32	0.41	0.25	30.0	Severe	0.16	0.06	0.12	-0.03	128.7	Normal	Severe



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	
1714	Prakasam	Tarlupadu	0.32	0.30	0.43	0.25	41.4	Moderate	0.17	0.11	0.22	0.01	79.1	Normal	Moderate
1715	Prakasam	Cumbum	0.50	0.29	0.50	0.12	100.0	Normal	0.30	0.15	0.29	0.06	105.7	Normal	Normal
1716	Prakasam	Ardhaveedu	0.59	0.29	0.59	0.19	100.0	Normal	0.40	0.16	0.26	0.10	190.8	Normal	Normal
1717	Prakasam	Giddalur	0.56	0.27	0.56	0.19	100.0	Normal	0.35	0.17	0.23	0.11	209.6	Normal	Normal
1718	Prakasam	Racherla	0.58	0.28	0.58	0.19	100.0	Normal	0.37	0.15	0.23	0.10	207.8	Normal	Normal
1719	Prakasam	Komarolu	0.56	0.22	0.56	0.09	100.0	Normal	0.35	0.13	0.28	0.06	130.8	Normal	Normal
1720	Prakasam	Bestawaripeta	0.49	0.31	0.49	0.14	100.0	Normal	0.29	0.16	0.25	0.09	124.2	Normal	Normal
1721	Prakasam	Hanumanthunipadu	0.44	0.36	0.44	0.20	100.0	Normal	0.21	0.12	0.18	0.04	120.0	Normal	Normal
1722	Prakasam	Kanigiri	0.52	0.36	0.52	0.22	100.0	Normal	0.30	0.12	0.27	0.00	110.4	Normal	Normal
1723	Prakasam	Marripudi	0.40	0.32	0.44	0.24	82.1	Normal	0.22	0.07	0.20	-0.02	112.3	Normal	Normal
1724	Prakasam	Chimakurthi	0.44	0.44	0.58	0.33	45.6	Moderate	0.32	0.24	0.40	0.11	70.8	Normal	Moderate
1725	Prakasam	Maddipadu	0.34	0.39	0.56	0.29	16.0	Severe	0.25	0.21	0.36	0.08	61.1	Normal	Severe
1726	Prakasam	Naguluppalapadu	0.34	0.32	0.39	0.23	67.1	Normal	0.30	0.14	0.26	0.00	113.6	Normal	Normal
1727	Prakasam	Ongole	0.38	0.36	0.49	0.26	52.0	Moderate	0.28	0.19	0.33	0.04	80.9	Normal	Moderate
1728	Prakasam	Kotha Patnam	0.44	0.36	0.44	0.24	100.0	Normal	0.27	0.19	0.26	0.01	106.0	Normal	Normal
1729	Prakasam	Tangutur	0.50	0.39	0.50	0.26	100.0	Normal	0.33	0.17	0.30	0.00	110.3	Normal	Normal
1730	Prakasam	Singarayakonda	0.47	0.40	0.50	0.26	88.9	Normal	0.29	0.20	0.30	0.02	98.2	Normal	Normal
1731	Prakasam	Zarugumilli	0.46	0.39	0.49	0.25	90.0	Normal	0.30	0.17	0.31	0.00	95.1	Normal	Normal
1732	Prakasam	Santhanuthala Padu	0.44	0.45	0.65	0.34	34.1	Severe	0.33	0.23	0.46	0.10	63.3	Normal	Severe
1733	Prakasam	Kondapi	0.45	0.39	0.50	0.26	78.0	Normal	0.27	0.15	0.30	0.01	89.2	Normal	Normal
1734	Prakasam	Ponnaluru	0.48	0.40	0.54	0.26	80.4	Normal	0.29	0.16	0.34	0.00	83.2	Normal	Normal
1735	Prakasam	Pedacherlo Palle	0.51	0.38	0.51	0.24	99.6	Normal	0.29	0.16	0.31	-0.03	93.9	Normal	Normal
1736	Prakasam	Pamur	0.52	0.37	0.55	0.14	91.5	Normal	0.30	0.14	0.34	0.01	88.1	Normal	Normal
1737	Prakasam	Chandrasekhara Puram	0.59	0.36	0.59	0.25	100.0	Normal	0.37	0.14	0.36	0.03	101.8	Normal	Normal
1738	Prakasam	Veligandla	0.46	0.34	0.50	0.21	86.6	Normal	0.22	0.10	0.25	0.01	87.0	Normal	Normal
1801	S.P.S.Nellore	Seetharamapuram	0.61	0.35	0.61	0.26	100.0	Normal	0.38	0.16	0.34	0.01	113.3	Normal	Normal
1802	S.P.S.Nellore	Varikuntapadu	0.58	0.37	0.59	0.16	97.4	Normal	0.38	0.15	0.41	0.02	92.6	Normal	Normal
1803	S.P.S.Nellore	Kondapuram	0.55	0.37	0.55	0.17	100.0	Normal	0.37	0.16	0.33	0.01	115.1	Normal	Normal
1804	S.P.S.Nellore	Lingasamudram	0.55	0.42	0.63	0.18	83.1	Normal	0.40	0.22	0.44	0.01	90.7	Normal	Normal
1805	S.P.S.Nellore	Voletivaripalem	0.55	0.41	0.60	0.22	88.3	Normal	0.36	0.19	0.40	0.04	87.5	Normal	Normal
1806	S.P.S.Nellore	Kandukur	0.51	0.43	0.55	0.32	82.5	Normal	0.33	0.23	0.35	0.06	96.1	Normal	Normal
1807	S.P.S.Nellore	Ulavapadu	0.59	0.46	0.59	0.35	100.0	Normal	0.41	0.27	0.38	0.12	112.5	Normal	Normal
1808	S.P.S.Nellore	Gudluru	0.56	0.45	0.62	0.32	79.7	Normal	0.40	0.25	0.43	0.07	92.5	Normal	Normal
1809	S.P.S.Nellore	Kavali	0.56	0.40	0.58	0.25	93.0	Normal	0.42	0.21	0.39	0.05	109.5	Normal	Normal
1810	S.P.S.Nellore	Jaladanki	0.60	0.44	0.60	0.22	100.0	Normal	0.47	0.26	0.41	0.10	121.2	Normal	Normal
1811	S.P.S.Nellore	Kaligiri	0.55	0.41	0.55	0.24	100.0	Normal	0.40	0.18	0.29	0.04	146.0	Normal	Normal
1812	S.P.S.Nellore	Vinjamur	0.60	0.40	0.60	0.25	100.0	Normal	0.40	0.16	0.27	0.04	157.1	Normal	Normal
1813	S.P.S.Nellore	Duttalur	0.58	0.40	0.58	0.21	100.0	Normal	0.38	0.16	0.33	0.03	115.6	Normal	Normal
1814	S.P.S.Nellore	Udayagiri	0.59	0.35	0.59	0.10	100.0	Normal	0.37	0.16	0.38	0.01	98.1	Normal	Normal
1815	S.P.S.Nellore	Marripadu	0.56	0.36	0.56	0.12	100.0	Normal	0.32	0.14	0.27	0.04	119.7	Normal	Normal
1816	S.P.S.Nellore	Ananthasagaram	0.63	0.39	0.63	0.14	100.0	Normal	0.45	0.22	0.42	0.12	106.9	Normal	Normal
1817	S.P.S.Nellore	Atmakur	0.59	0.43	0.59	0.19	100.0	Normal	0.45	0.22	0.38	0.12	127.0	Normal	Normal
1818	S.P.S.Nellore	Anumasamudrampeta	0.59	0.41	0.59	0.24	100.0	Normal	0.45	0.19	0.34	0.07	143.2	Normal	Normal
1819	S.P.S.Nellore	Dagadarthi	0.63	0.49	0.70	0.35	81.8	Normal	0.53	0.32	0.52	0.13	103.9	Normal	Normal
1820	S.P.S.Nellore	Bogole	0.54	0.45	0.62	0.31	74.2	Normal	0.46	0.27	0.47	0.12	97.2	Normal	Normal
1821	S.P.S.Nellore	Allur	0.56	0.49	0.73	0.31	58.6	Moderate	0.46	0.35	0.61	0.12	68.3	Normal	Moderate
1822	S.P.S.Nellore	Vidavalur	0.65	0.56	0.74	0.37	75.4	Normal	0.52	0.41	0.59	0.19	82.8	Normal	Normal
1823	S.P.S.Nellore	Kodavalur	0.73	0.61	0.79	0.40	84.5	Normal	0.60	0.46	0.64	0.24	90.4	Normal	Normal
1824	S.P.S.Nellore	Buchireddipalem	0.70	0.59	0.73	0.48	90.3	Normal	0.60	0.45	0.58	0.35	108.0	Normal	Normal
1825	S.P.S.Nellore	Sangam	0.65	0.51	0.71	0.40	82.1	Normal	0.57	0.34	0.53	0.25	113.5	Normal	Normal
1826	S.P.S.Nellore	Chejerla	0.65	0.43	0.66	0.27	97.4	Normal	0.48	0.22	0.45	0.14	107.7	Normal	Normal
1827	S.P.S.Nellore	Kaluvoya	0.59	0.39	0.59	0.24	100.0	Normal	0.38	0.18	0.40	0.06	96.1	Normal	Normal
1828	S.P.S.Nellore	Rapur	0.60	0.38	0.60	0.23	100.0	Normal	0.35	0.15	0.39	0.05	88.5	Normal	Normal
1829	S.P.S.Nellore	Sydapuram	0.64	0.46	0.64	0.29	100.0	Normal	0.46	0.24	0.43	0.17	113.8	Normal	Normal



dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	
1830	S.P.S.Nellore	Podalakur	0.65	0.44	0.65	0.36	100.0	Normal	0.49	0.22	0.44	0.12	116.8	Normal	Normal
1831	S.P.S.Nellore	Nellore Rural	0.61	0.47	0.62	0.30	96.3	Normal	0.49	0.30	0.44	0.15	117.4	Normal	Normal
1832	S.P.S.Nellore	Nellore Urban*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1833	S.P.S.Nellore	Kovur	0.67	0.65	0.71	0.60	60.2	Normal	0.55	0.52	0.59	0.48	68.2	Normal	Normal
1834	S.P.S.Nellore	Indukurpet	0.60	0.57	0.64	0.49	72.3	Normal	0.50	0.47	0.55	0.39	68.4	Normal	Normal
1835	S.P.S.Nellore	Thotapalligudur	0.60	0.55	0.68	0.41	70.3	Normal	0.49	0.42	0.53	0.27	87.2	Normal	Normal
1836	S.P.S.Nellore	Muthukur	0.53	0.44	0.59	0.18	85.6	Normal	0.40	0.28	0.41	0.16	95.3	Normal	Normal
1837	S.P.S.Nellore	Venkatachalam	0.55	0.42	0.63	0.22	78.7	Normal	0.41	0.24	0.46	0.11	87.1	Normal	Normal
1838	S.P.S.Nellore	Manubolu	0.59	0.40	0.60	0.19	96.8	Normal	0.45	0.22	0.43	0.11	105.3	Normal	Normal
1901	Kurnool	Kowthalam	0.42	0.18	0.42	0.03	100.0	Normal	0.09	0.04	0.11	-0.07	88.8	Normal	Normal
1902	Kurnool	Kosigi	0.43	0.19	0.43	0.06	100.0	Normal	0.17	0.08	0.18	0.00	97.3	Normal	Normal
1903	Kurnool	Mantralayam	0.39	0.20	0.39	0.05	100.0	Normal	0.12	0.06	0.18	-0.04	70.8	Normal	Normal
1904	Kurnool	Nandavaram	0.37	0.19	0.37	0.09	100.0	Normal	0.06	0.04	0.18	-0.05	48.3	Moderate	Moderate
1905	Kurnool	C.Belagal	0.44	0.24	0.47	0.09	91.6	Normal	0.21	0.09	0.27	0.02	73.8	Normal	Normal
1906	Kurnool	Kurnool Rural*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1907	Kurnool	Kurnool Urban	0.47	0.25	0.47	0.15	100.0	Normal	0.34	0.11	0.23	0.05	162.4	Normal	Normal
1908	Kurnool	Orvakal	0.45	0.28	0.45	0.17	100.0	Normal	0.19	0.09	0.21	0.02	91.2	Normal	Normal
1909	Kurnool	Kallur	0.46	0.23	0.50	0.06	91.1	Normal	0.19	0.08	0.23	0.02	82.3	Normal	Normal
1910	Kurnool	Gudur	0.41	0.47	0.64	0.27	36.1	Severe	0.13	0.27	0.41	0.19	-29.4	Severe	Severe
1911	Kurnool	Kodumur	0.42	0.26	0.52	0.04	78.9	Normal	0.13	0.07	0.26	-0.03	55.1	Moderate	Moderate
1912	Kurnool	Gonegandla	0.50	0.27	0.50	0.18	100.0	Normal	0.24	0.10	0.31	-0.03	81.0	Normal	Normal
1913	Kurnool	Yemmiganur	0.45	0.23	0.45	0.14	100.0	Normal	0.16	0.09	0.27	-0.03	65.6	Normal	Normal
1914	Kurnool	Pedda Kadubur	0.45	0.24	0.45	0.09	100.0	Normal	0.19	0.10	0.26	0.01	70.8	Normal	Normal
1915	Kurnool	Adoni	0.41	0.19	0.41	0.07	100.0	Normal	0.09	0.06	0.19	-0.03	54.0	Moderate	Moderate
1916	Kurnool	Aspari	0.42	0.22	0.43	0.07	97.3	Normal	0.10	0.02	0.18	-0.06	66.9	Normal	Normal
1917	Kurnool	Devanakonda	0.44	0.26	0.50	0.14	83.3	Normal	0.16	0.08	0.28	-0.03	62.5	Normal	Normal
1918	Kurnool	Krishnagiri	0.45	0.27	0.48	0.12	91.0	Normal	0.18	0.09	0.28	-0.02	66.4	Normal	Normal
1919	Kurnool	Veldurthi	0.46	0.32	0.46	0.26	100.0	Normal	0.20	0.11	0.21	0.03	95.2	Normal	Normal
1920	Kurnool	Tuggali	0.43	0.24	0.43	0.11	100.0	Normal	0.20	0.06	0.21	-0.01	94.6	Normal	Normal
1921	Kurnool	Pattikonda	0.40	0.22	0.40	0.11	100.0	Normal	0.09	0.04	0.16	-0.04	63.3	Normal	Normal
1922	Kurnool	Alur	0.42	0.20	0.42	0.08	100.0	Normal	0.14	0.00	0.09	-0.06	130.2	Normal	Normal
1923	Kurnool	Holagunda	0.43	0.20	0.43	0.09	100.0	Normal	0.12	0.04	0.15	-0.04	80.7	Normal	Normal
1924	Kurnool	Halaharvi	0.41	0.15	0.41	0.03	100.0	Normal	0.13	0.01	0.09	-0.04	129.1	Normal	Normal
1925	Kurnool	Chippagiri	0.39	0.15	0.39	0.05	100.0	Normal	0.12	0.00	0.06	-0.05	150.5	Normal	Normal
1926	Kurnool	Maddikera (East)	0.37	0.17	0.37	0.09	100.0	Normal	0.15	0.00	0.06	-0.07	164.9	Normal	Normal
2001	Nandyal	Srisailam*	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
2002	Nandyal	Atmakur	0.59	0.43	0.59	0.19	100.0	Normal	0.41	0.22	0.38	0.12	111.6	Normal	Normal
2003	Nandyal	Kothapalle	0.41	0.38	0.57	0.13	63.2	Normal	0.24	0.42	0.51	0.18	16.8	Severe	Severe
2004	Nandyal	Pagidyla	0.42	0.27	0.42	0.06	100.0	Normal	0.31	0.20	0.34	0.07	88.1	Normal	Normal
2005	Nandyal	Nandikotkur	0.43	0.27	0.46	0.08	92.5	Normal	0.30	0.13	0.31	0.00	97.0	Normal	Normal
2006	Nandyal	Jupadu Bungalow	0.45	0.24	0.45	0.04	100.0	Normal	0.27	0.12	0.27	0.01	99.6	Normal	Normal
2007	Nandyal	Pamulapadu	0.54	0.28	0.54	0.04	100.0	Normal	0.40	0.18	0.31	0.02	131.9	Normal	Normal
2008	Nandyal	Midthur	0.42	0.22	0.42	0.15	100.0	Normal	0.21	0.07	0.16	-0.04	124.6	Normal	Normal
2009	Nandyal	Gadivemula	0.52	0.21	0.52	0.08	100.0	Normal	0.35	0.10	0.20	0.05	194.8	Normal	Normal
2010	Nandyal	Velgode	0.54	0.21	0.54	0.07	100.0	Normal	0.46	0.15	0.33	0.04	147.0	Normal	Normal
2011	Nandyal	Bandi Atmakur	0.49	0.17	0.49	0.06	100.0	Normal	0.46	0.16	0.29	0.04	168.7	Normal	Normal
2012	Nandyal	Mahanandi	0.57	0.26	0.57	0.08	100.0	Normal	0.44	0.23	0.32	0.08	148.1	Normal	Normal
2013	Nandyal	Nandyal	0.43	0.18	0.43	0.07	100.0	Normal	0.27	0.10	0.18	0.05	167.4	Normal	Normal
2014	Nandyal	Panyam	0.41	0.26	0.41	0.16	100.0	Normal	0.22	0.10	0.17	0.04	139.8	Normal	Normal
2015	Nandyal	Bethamcherla	0.40	0.30	0.42	0.13	92.0	Normal	0.25	0.13	0.25	0.05	97.0	Normal	Normal
2016	Nandyal	Banaganapalle	0.33	0.21	0.33	0.06	99.6	Normal	0.15	0.06	0.16	-0.01	95.9	Normal	Normal
2017	Nandyal	Gospadu	0.38	0.15	0.38	0.02	100.0	Normal	0.25	0.07	0.19	0.00	131.9	Normal	Normal
2018	Nandyal	Sirvel	0.55	0.20	0.55	0.07	100.0	Normal	0.37	0.14	0.28	0.06	139.6	Normal	Normal
2019	Nandyal	Rudravaram	0.40	0.20	0.40	0.04	100.0	Normal	0.27	0.12	0.23	0.02	117.8	Normal	Normal
2020	Nandyal	Chagalamarri	0.28	0.16	0.32	0.00	86.0	Normal	0.11	0.06	0.12	0.00	93.3	Normal	Normal



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			fn1_Aug_22	Avg.	Max	Min	VCI	NDVI Status	fn1_Aug_22	Avg.	Max	Min	VCI	NDWI Status	
2021	Nandyal	Allagadda	0.34	0.17	0.34	0.06	100.0	Normal	0.25	0.07	0.18	-0.02	135.6	Normal	Normal
2022	Nandyal	Dornipadu	0.29	0.16	0.34	0.00	87.1	Normal	0.21	0.04	0.10	-0.06	166.9	Normal	Normal
2023	Nandyal	Koilkuntla	0.23	0.17	0.29	0.01	77.7	Normal	0.15	0.03	0.11	-0.02	132.6	Normal	Normal
2024	Nandyal	Uyyalawada	0.20	0.17	0.29	0.03	65.7	Normal	0.10	0.02	0.08	-0.06	112.8	Normal	Normal
2025	Nandyal	Sanjamala	0.29	0.20	0.29	0.06	98.7	Normal	0.08	0.02	0.13	-0.06	74.7	Normal	Normal
2026	Nandyal	Kolimigundla	0.36	0.23	0.36	0.04	99.1	Normal	0.11	0.04	0.20	-0.07	66.5	Normal	Normal
2027	Nandyal	Owk	0.30	0.23	0.33	0.09	87.6	Normal	0.16	0.05	0.23	-0.05	74.9	Normal	Normal
2028	Nandyal	Peapally	0.38	0.27	0.41	0.05	94.2	Normal	0.24	0.11	0.25	0.00	95.3	Normal	Normal
2029	Nandyal	Dhone	0.42	0.27	0.43	0.10	97.5	Normal	0.22	0.10	0.22	0.02	98.1	Normal	Normal
2101	Anantapuramu	D.Hirehal	0.45	0.20	0.45	0.08	100.0	Normal	0.31	0.03	0.13	-0.02	223.1	Normal	Normal
2102	Anantapuramu	Bommanahal	0.44	0.23	0.44	0.17	100.0	Normal	0.37	0.05	0.16	0.01	240.5	Normal	Normal
2103	Anantapuramu	Vidapanakal	0.39	0.16	0.39	0.06	100.0	Normal	0.16	0.00	0.05	-0.04	235.7	Normal	Normal
2104	Anantapuramu	Vajrakarur	0.35	0.17	0.35	0.11	100.0	Normal	0.07	0.02	0.14	-0.01	54.0	Moderate	Moderate
2105	Anantapuramu	Guntakal	0.38	0.21	0.40	0.07	94.2	Normal	0.18	0.08	0.17	0.01	103.0	Normal	Normal
2106	Anantapuramu	Gootty	0.35	0.23	0.41	0.03	82.1	Normal	0.09	0.09	0.27	0.01	31.3	Severe	Severe
2107	Anantapuramu	Peddavadugur	0.39	0.17	0.39	0.04	100.0	Normal	0.11	0.06	0.22	0.00	50.5	Moderate	Moderate
2108	Anantapuramu	Yadiki	0.40	0.21	0.40	0.04	100.0	Normal	0.14	0.06	0.19	0.00	71.2	Normal	Normal
2109	Anantapuramu	Tadpatri	0.45	0.21	0.45	0.03	100.0	Normal	0.20	0.06	0.24	0.00	85.6	Normal	Normal
2110	Anantapuramu	Peddappappur	0.48	0.26	0.48	0.04	100.0	Normal	0.26	0.10	0.33	0.02	76.2	Normal	Normal
2111	Anantapuramu	Singanamala	0.44	0.23	0.46	0.04	95.9	Normal	0.21	0.09	0.37	0.01	54.5	Moderate	Moderate
2112	Anantapuramu	Pamidi	0.42	0.22	0.44	0.10	94.7	Normal	0.22	0.09	0.32	0.02	65.5	Normal	Normal
2113	Anantapuramu	Garladinne	0.46	0.21	0.46	0.06	100.0	Normal	0.23	0.08	0.30	0.01	76.0	Normal	Normal
2114	Anantapuramu	Kudair	0.45	0.23	0.45	0.10	100.0	Normal	0.23	0.09	0.31	0.00	73.0	Normal	Normal
2115	Anantapuramu	Uravakonda	0.41	0.18	0.41	0.10	100.0	Normal	0.21	0.03	0.16	-0.01	132.2	Normal	Normal
2116	Anantapuramu	Kanekal	0.42	0.19	0.42	0.10	100.0	Normal	0.33	0.03	0.12	-0.03	241.3	Normal	Normal
2117	Anantapuramu	Rayadurg	0.43	0.18	0.43	0.05	100.0	Normal	0.27	0.04	0.12	-0.05	188.1	Normal	Normal
2118	Anantapuramu	Gummagatta	0.32	0.18	0.32	0.05	100.0	Normal	0.18	0.04	0.13	-0.05	126.9	Normal	Normal
2119	Anantapuramu	Brahmasamudram	0.43	0.19	0.43	0.08	100.0	Normal	0.23	0.05	0.16	-0.05	136.8	Normal	Normal
2120	Anantapuramu	Settur	0.43	0.17	0.43	0.07	100.0	Normal	0.27	0.06	0.20	0.00	131.7	Normal	Normal
2121	Anantapuramu	Kundurpi	0.46	0.14	0.46	0.04	100.0	Normal	0.29	0.06	0.17	0.01	180.3	Normal	Normal
2122	Anantapuramu	Kambadur	0.45	0.18	0.45	0.06	100.0	Normal	0.32	0.07	0.23	0.00	138.9	Normal	Normal
2123	Anantapuramu	Kalyandurg	0.43	0.20	0.43	0.07	100.0	Normal	0.26	0.07	0.22	0.00	117.5	Normal	Normal
2124	Anantapuramu	Beluguppa	0.42	0.20	0.42	0.05	100.0	Normal	0.23	0.04	0.13	-0.01	172.1	Normal	Normal
2125	Anantapuramu	Atmakur	0.40	0.43	0.59	0.19	52.8	Moderate	0.23	0.22	0.38	0.12	42.5	Moderate	Moderate
2126	Anantapuramu	Raptadu	0.40	0.25	0.46	0.12	82.9	Normal	0.19	0.08	0.36	-0.01	54.6	Moderate	Moderate
2127	Anantapuramu	Anantapuramu	0.43	0.23	0.43	0.05	100.0	Normal	0.20	0.09	0.29	0.01	69.1	Normal	Normal
2128	Anantapuramu	Bukkaraya Samudram	0.48	0.26	0.48	0.04	99.5	Normal	0.26	0.12	0.38	0.02	66.0	Normal	Normal
2129	Anantapuramu	Narpala	0.51	0.27	0.51	0.06	99.6	Normal	0.27	0.13	0.40	0.04	64.7	Normal	Normal
2130	Anantapuramu	Putlur	0.45	0.26	0.45	0.05	100.0	Normal	0.16	0.06	0.28	-0.02	61.8	Normal	Normal
2131	Anantapuramu	Yellanur	0.44	0.23	0.44	0.07	100.0	Normal	0.18	0.07	0.27	-0.01	69.6	Normal	Normal
2201	Sri Satyasai	Tadimari	0.46	0.25	0.46	0.03	100.0	Normal	0.26	0.11	0.33	0.02	78.6	Normal	Normal
2202	Sri Satyasai	Mudigubba	0.49	0.24	0.49	0.10	100.0	Normal	0.25	0.10	0.35	0.02	70.6	Normal	Normal
2203	Sri Satyasai	Bathalapalle	0.44	0.22	0.44	0.03	98.8	Normal	0.21	0.09	0.29	0.01	72.2	Normal	Normal
2204	Sri Satyasai	Dharmavaram	0.42	0.22	0.47	0.03	87.2	Normal	0.23	0.10	0.35	0.01	64.0	Normal	Normal
2205	Sri Satyasai	Kanaganapalle	0.45	0.23	0.46	0.06	97.5	Normal	0.28	0.06	0.31	-0.02	92.0	Normal	Normal
2206	Sri Satyasai	Ramagiri	0.43	0.19	0.43	0.05	100.0	Normal	0.28	0.06	0.26	-0.02	106.2	Normal	Normal
2207	Sri Satyasai	Chennekothapalle	0.48	0.21	0.48	0.06	99.8	Normal	0.29	0.10	0.31	0.00	95.4	Normal	Normal
2208	Sri Satyasai	Bukkapatnam	0.54	0.28	0.54	0.08	100.0	Normal	0.33	0.15	0.39	0.04	81.9	Normal	Normal
2209	Sri Satyasai	Nallamada	0.53	0.31	0.53	0.18	100.0	Normal	0.31	0.15	0.35	0.02	88.3	Normal	Normal
2210	Sri Satyasai	Kadiri	0.51	0.30	0.51	0.20	100.0	Normal	0.30	0.13	0.35	0.03	85.6	Normal	Normal
2211	Sri Satyasai	Talupula	0.56	0.33	0.56	0.23	100.0	Normal	0.36	0.14	0.38	0.03	95.7	Normal	Normal
2212	Sri Satyasai	Nambulipulikunta	0.52	0.30	0.52	0.18	100.0	Normal	0.33	0.10	0.31	0.00	104.1	Normal	Normal
2213	Sri Satyasai	Gandlapenta	0.55	0.34	0.55	0.18	100.0	Normal	0.37	0.13	0.31	0.04	119.0	Normal	Normal
2214	Sri Satyasai	Nallacheruvu	0.48	0.27	0.48	0.16	100.0	Normal	0.27	0.10	0.27	0.02	98.8	Normal	Normal



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2215	Sri Satyasai	Tanakal	0.47	0.29	0.47	0.15	100.0	Normal	0.30	0.12	0.36	0.01	83.5	Normal	Normal	Normal	
2216	Sri Satyasai	Amadagur	0.54	0.26	0.54	0.10	100.0	Normal	0.35	0.11	0.37	-0.02	94.0	Normal	Normal	Normal	
2217	Sri Satyasai	Obuladevaracheruvu	0.51	0.28	0.51	0.17	100.0	Normal	0.31	0.13	0.32	0.02	95.4	Normal	Normal	Normal	
2218	Sri Satyasai	Puttaparthi	0.55	0.21	0.55	0.06	100.0	Normal	0.35	0.11	0.26	0.04	141.1	Normal	Normal	Normal	
2219	Sri Satyasai	Kothacheruvu	0.53	0.23	0.53	0.11	100.0	Normal	0.34	0.11	0.33	0.02	104.2	Normal	Normal	Normal	
2220	Sri Satyasai	Penukonda	0.39	0.21	0.39	0.15	100.0	Normal	0.28	0.08	0.22	0.01	125.4	Normal	Normal	Normal	
2221	Sri Satyasai	Roddam	0.34	0.17	0.34	0.05	100.0	Normal	0.22	0.04	0.22	-0.03	98.8	Normal	Normal	Normal	
2222	Sri Satyasai	Amarapuram	0.48	0.18	0.48	0.03	100.0	Normal	0.34	0.07	0.29	-0.01	117.1	Normal	Normal	Normal	
2223	Sri Satyasai	Gudibanda	0.47	0.17	0.47	0.02	100.0	Normal	0.38	0.08	0.22	0.02	174.8	Normal	Normal	Normal	
2224	Sri Satyasai	Rolla	0.47	0.21	0.47	0.10	100.0	Normal	0.39	0.10	0.37	0.02	106.0	Normal	Normal	Normal	
2225	Sri Satyasai	Agali	0.37	0.20	0.46	0.09	74.2	Normal	0.30	0.08	0.36	0.01	82.7	Normal	Normal	Normal	
2226	Sri Satyasai	Madakasira	0.47	0.23	0.47	0.05	100.0	Normal	0.32	0.08	0.34	-0.03	95.9	Normal	Normal	Normal	
2227	Sri Satyasai	Parigi	0.41	0.20	0.48	0.02	85.4	Normal	0.25	0.07	0.37	-0.04	71.7	Normal	Normal	Normal	
2228	Sri Satyasai	Hindupur	0.35	0.22	0.46	0.05	71.8	Normal	0.23	0.10	0.38	0.01	58.5	Moderate	Moderate	Moderate	
2229	Sri Satyasai	Somandepalle	0.39	0.19	0.40	0.07	95.2	Normal	0.25	0.07	0.33	-0.01	76.3	Normal	Normal	Normal	
2230	Sri Satyasai	Gorantla	0.54	0.23	0.54	0.11	100.0	Normal	0.36	0.11	0.33	0.01	109.6	Normal	Normal	Normal	
2231	Sri Satyasai	Chilamathur	0.47	0.24	0.48	0.11	98.6	Normal	0.30	0.11	0.38	0.03	77.7	Normal	Normal	Normal	
2232	Sri Satyasai	Lepakshi	0.28	0.22	0.40	0.12	55.7	Moderate	0.19	0.10	0.30	0.03	59.0	Moderate	Moderate	Moderate	
2301	Y.S.R.Kadapa	Kalasapadu	0.65	0.30	0.65	0.15	100.0	Normal	0.47	0.20	0.34	0.08	148.1	Normal	Normal	Normal	
2302	Y.S.R.Kadapa	Porumamilla	0.60	0.30	0.60	0.16	100.0	Normal	0.37	0.18	0.31	0.06	127.3	Normal	Normal	Normal	
2303	Y.S.R.Kadapa	Sri Avadhutha Kasinayana	0.53	0.30	0.53	0.16	100.0	Normal	0.35	0.18	0.28	0.07	135.7	Normal	Normal	Normal	
2304	Y.S.R.Kadapa	S.Mydukur	0.41	0.28	0.47	0.09	84.2	Normal	0.20	0.14	0.24	0.06	78.9	Normal	Normal	Normal	
2305	Y.S.R.Kadapa	Brahmamgarimattam	0.49	0.31	0.49	0.17	100.0	Normal	0.31	0.20	0.33	0.10	88.0	Normal	Normal	Normal	
2306	Y.S.R.Kadapa	B.Kodur	0.53	0.31	0.53	0.13	100.0	Normal	0.32	0.19	0.34	0.06	93.5	Normal	Normal	Normal	
2307	Y.S.R.Kadapa	Gopavaram	0.54	0.28	0.54	0.07	100.0	Normal	0.31	0.15	0.31	0.04	101.5	Normal	Normal	Normal	
2308	Y.S.R.Kadapa	Badvel	0.55	0.32	0.55	0.08	98.9	Normal	0.33	0.18	0.35	0.05	93.1	Normal	Normal	Normal	
2309	Y.S.R.Kadapa	Atlur	0.58	0.29	0.58	0.04	100.0	Normal	0.35	0.15	0.31	0.02	114.8	Normal	Normal	Normal	
2310	Y.S.R.Kadapa	Vontimitta	0.52	0.32	0.54	0.07	95.8	Normal	0.34	0.19	0.38	0.06	89.0	Normal	Normal	Normal	
2311	Y.S.R.Kadapa	Sidhout	0.50	0.28	0.53	0.05	94.7	Normal	0.36	0.17	0.38	0.04	94.1	Normal	Normal	Normal	
2312	Y.S.R.Kadapa	Khajipet	0.33	0.26	0.53	0.07	56.2	Moderate	0.17	0.13	0.33	0.05	44.4	Moderate	Moderate	Moderate	
2313	Y.S.R.Kadapa	Chennur	0.41	0.23	0.42	0.01	95.6	Normal	0.30	0.13	0.32	0.01	93.2	Normal	Normal	Normal	
2314	Y.S.R.Kadapa	Y.S.R.Kadapa	0.37	0.22	0.49	0.02	74.8	Normal	0.27	0.13	0.37	0.02	71.5	Normal	Normal	Normal	
2315	Y.S.R.Kadapa	Chinthakommadinne	0.38	0.28	0.50	0.09	71.0	Normal	0.26	0.14	0.33	0.05	76.5	Normal	Normal	Normal	
2316	Y.S.R.Kadapa	Pendlimarri	0.43	0.32	0.43	0.12	100.0	Normal	0.24	0.15	0.26	0.06	92.3	Normal	Normal	Normal	
2317	Y.S.R.Kadapa	Chakrayapet	0.56	0.33	0.56	0.20	100.0	Normal	0.38	0.15	0.40	0.06	94.5	Normal	Normal	Normal	
2318	Y.S.R.Kadapa	Vemula	0.47	0.29	0.47	0.22	98.4	Normal	0.24	0.10	0.29	0.02	82.8	Normal	Normal	Normal	
2319	Y.S.R.Kadapa	Vempalle	0.47	0.29	0.47	0.19	100.0	Normal	0.29	0.13	0.27	0.06	112.4	Normal	Normal	Normal	
2320	Y.S.R.Kadapa	Veerapunayunipalle	0.36	0.24	0.37	0.08	96.6	Normal	0.15	0.09	0.20	0.01	73.2	Normal	Normal	Normal	
2321	Y.S.R.Kadapa	Vallur	0.35	0.23	0.38	0.11	87.5	Normal	0.18	0.09	0.20	0.01	87.2	Normal	Normal	Normal	
2322	Y.S.R.Kadapa	Kamalapuram	0.38	0.20	0.39	0.04	98.0	Normal	0.13	0.07	0.17	0.00	74.6	Normal	Normal	Normal	
2323	Y.S.R.Kadapa	Chapad	0.37	0.29	0.58	0.14	50.5	Moderate	0.15	0.15	0.43	0.04	28.6	Severe	Severe	Severe	
2324	Y.S.R.Kadapa	Duvvur	0.33	0.24	0.41	0.04	76.7	Normal	0.13	0.10	0.22	0.02	53.5	Moderate	Moderate	Moderate	
2325	Y.S.R.Kadapa	Rajupalem	0.20	0.45	0.54	0.20	0.0	Severe	0.03	0.26	0.44	0.11	-25.6	Severe	Severe	Severe	
2326	Y.S.R.Kadapa	Proddatur	0.32	0.21	0.39	0.02	79.5	Normal	0.11	0.08	0.23	0.01	46.5	Moderate	Moderate	Moderate	
2327	Y.S.R.Kadapa	Yerraguntla	0.31	0.18	0.34	0.02	92.8	Normal	0.10	0.05	0.15	0.00	68.4	Normal	Normal	Normal	
2328	Y.S.R.Kadapa	Muddanur	0.33	0.22	0.37	0.08	85.2	Normal	0.12	0.07	0.22	0.01	52.9	Moderate	Moderate	Moderate	
2329	Y.S.R.Kadapa	Thondur	0.36	0.19	0.36	0.07	100.0	Normal	0.11	0.05	0.18	0.01	58.2	Moderate	Moderate	Moderate	
2330	Y.S.R.Kadapa	Pulivendla	0.46	0.29	0.52	0.23	79.6	Normal	0.22	0.11	0.34	0.04	62.2	Normal	Normal	Normal	
2331	Y.S.R.Kadapa	Lingala	0.46	0.29	0.49	0.17	90.5	Normal	0.20	0.12	0.34	0.04	54.1	Moderate	Moderate	Moderate	
2332	Y.S.R.Kadapa	Simhadripuram	0.38	0.17	0.38	0.09	100.0	Normal	0.14	0.05	0.14	0.00	95.1	Normal	Normal	Normal	
2333	Y.S.R.Kadapa	Kondapuram	0.30	0.37	0.51	0.17	38.5	Severe	0.12	0.16	0.33	0.01	33.4	Severe	Severe	Severe	
2334	Y.S.R.Kadapa	Mylavaram	0.36	0.51	0.61	0.35	5.2	Severe	0.07	0.43	0.48	0.35	-221.1	Severe	Severe	Severe	
2335	Y.S.R.Kadapa	Jammalamadugu	0.35	0.21	0.35	0.06	100.0	Normal	0.10	0.07	0.19	0.01	49.5	Moderate	Moderate	Moderate	
2336	Y.S.R.Kadapa	Peddamudium	0.24	0.17	0.27	0.05	83.3	Normal	0.03	0.01	0.09	-0.07	62.4	Normal	Normal	Normal	



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2401	Annamayya	Nandalur	0.52	0.29	0.53	0.05	99.2	Normal	0.31	0.18	0.34	0.03	90.1	Normal	Normal	Normal	
2402	Annamayya	Penagalur	0.64	0.37	0.64	0.14	100.0	Normal	0.44	0.23	0.36	0.09	132.2	Normal	Normal	Normal	
2403	Annamayya	Chitvel	0.64	0.40	0.64	0.24	100.0	Normal	0.42	0.28	0.39	0.19	119.6	Normal	Normal	Normal	
2404	Annamayya	Kodur	0.65	0.50	0.66	0.31	97.4	Normal	0.44	0.35	0.48	0.22	84.2	Normal	Normal	Normal	
2405	Annamayya	Obulavaripalle	0.62	0.44	0.62	0.35	100.0	Normal	0.42	0.26	0.39	0.20	115.5	Normal	Normal	Normal	
2406	Annamayya	Pullampeta	0.63	0.39	0.63	0.26	100.0	Normal	0.42	0.22	0.42	0.13	98.3	Normal	Normal	Normal	
2407	Annamayya	Rajampet	0.57	0.32	0.57	0.10	100.0	Normal	0.37	0.18	0.41	0.07	88.6	Normal	Normal	Normal	
2408	Annamayya	Veeraballe	0.50	0.33	0.50	0.09	100.0	Normal	0.33	0.14	0.32	0.03	103.8	Normal	Normal	Normal	
2409	Annamayya	Ramapuram	0.51	0.32	0.52	0.16	97.5	Normal	0.33	0.14	0.36	0.01	92.1	Normal	Normal	Normal	
2410	Annamayya	Lakkireddipalle	0.48	0.34	0.52	0.23	84.5	Normal	0.30	0.15	0.35	0.05	83.8	Normal	Normal	Normal	
2411	Annamayya	Galiveedu	0.51	0.29	0.51	0.11	100.0	Normal	0.33	0.14	0.37	0.04	88.1	Normal	Normal	Normal	
2412	Annamayya	Rayachoti	0.44	0.30	0.49	0.14	85.6	Normal	0.26	0.13	0.35	0.03	71.4	Normal	Normal	Normal	
2413	Annamayya	T Sundupalle	0.55	0.35	0.55	0.19	100.0	Normal	0.31	0.17	0.34	0.06	88.9	Normal	Normal	Normal	
2414	Annamayya	Kambhamvaripalle	0.55	0.35	0.55	0.23	100.0	Normal	0.32	0.16	0.38	0.05	80.5	Normal	Normal	Normal	
2415	Annamayya	Sambepalle	0.53	0.28	0.53	0.17	100.0	Normal	0.34	0.11	0.34	0.03	101.0	Normal	Normal	Normal	
2416	Annamayya	Chinnamandem	0.47	0.32	0.50	0.26	87.1	Normal	0.33	0.15	0.37	0.07	85.1	Normal	Normal	Normal	
2417	Annamayya	Peddamandyam	0.48	0.30	0.49	0.19	97.3	Normal	0.33	0.13	0.29	0.05	117.4	Normal	Normal	Normal	
2418	Annamayya	Thamballapalle	0.50	0.33	0.51	0.23	95.8	Normal	0.33	0.15	0.37	0.07	87.3	Normal	Normal	Normal	
2419	Annamayya	Mulakalacheruvu	0.48	0.31	0.54	0.22	81.0	Normal	0.32	0.13	0.41	0.04	76.2	Normal	Normal	Normal	
2420	Annamayya	P.Thippasamudram	0.48	0.30	0.48	0.17	100.0	Normal	0.34	0.12	0.35	0.03	95.3	Normal	Normal	Normal	
2421	Annamayya	B.Kothakota	0.46	0.31	0.52	0.15	83.8	Normal	0.34	0.15	0.39	0.04	87.0	Normal	Normal	Normal	
2422	Annamayya	Kurabalakota	0.54	0.36	0.54	0.25	100.0	Normal	0.36	0.18	0.38	0.08	94.3	Normal	Normal	Normal	
2423	Annamayya	Gurramkonda	0.45	0.37	0.55	0.28	63.3	Normal	0.31	0.18	0.40	0.08	71.8	Normal	Normal	Normal	
2424	Annamayya	Kalakada	0.48	0.33	0.53	0.20	83.0	Normal	0.29	0.14	0.38	0.04	74.0	Normal	Normal	Normal	
2425	Annamayya	Pileru	0.56	0.39	0.57	0.23	99.4	Normal	0.34	0.20	0.41	0.08	80.3	Normal	Normal	Normal	
2426	Annamayya	Kalikiri	0.50	0.36	0.52	0.17	93.7	Normal	0.32	0.17	0.34	0.08	92.5	Normal	Normal	Normal	
2427	Annamayya	Vayalpad	0.45	0.37	0.57	0.25	61.5	Normal	0.31	0.18	0.41	0.04	71.5	Normal	Normal	Normal	
2428	Annamayya	Nimmanapalle	0.54	0.39	0.58	0.20	87.3	Normal	0.35	0.21	0.44	0.07	74.7	Normal	Normal	Normal	
2429	Annamayya	Madanapalle	0.47	0.40	0.53	0.30	74.8	Normal	0.32	0.22	0.41	0.10	70.4	Normal	Normal	Normal	
2430	Annamayya	Ramasamudram	0.49	0.37	0.52	0.25	90.4	Normal	0.33	0.19	0.40	0.06	78.9	Normal	Normal	Normal	
2501	Chittoor	Rompicherla	0.60	0.47	0.62	0.34	92.0	Normal	0.38	0.28	0.44	0.13	80.4	Normal	Normal	Normal	
2502	Chittoor	Pulicherla	0.56	0.45	0.58	0.31	94.7	Normal	0.36	0.27	0.45	0.17	68.8	Normal	Normal	Normal	
2503	Chittoor	Sodam	0.51	0.42	0.56	0.26	83.6	Normal	0.31	0.24	0.44	0.13	59.4	Moderate	Moderate	Normal	
2504	Chittoor	Irala	0.61	0.50	0.61	0.41	100.0	Normal	0.39	0.31	0.49	0.20	65.6	Normal	Normal	Normal	
2505	Chittoor	Puthalapattu	0.63	0.51	0.63	0.44	100.0	Normal	0.43	0.33	0.49	0.24	75.4	Normal	Normal	Normal	
2506	Chittoor	Penumuru	0.65	0.52	0.65	0.45	100.0	Normal	0.48	0.34	0.46	0.22	107.9	Normal	Normal	Normal	
2507	Chittoor	Vedurukkupam	0.62	0.51	0.62	0.38	100.0	Normal	0.44	0.32	0.46	0.16	93.7	Normal	Normal	Normal	
2508	Chittoor	Karvetinagar	0.66	0.58	0.66	0.49	100.0	Normal	0.48	0.40	0.50	0.26	89.7	Normal	Normal	Normal	
2509	Chittoor	Nindra	0.68	0.59	0.69	0.50	93.6	Normal	0.49	0.42	0.55	0.30	75.6	Normal	Normal	Normal	
2510	Chittoor	Vijayapuram	0.70	0.61	0.70	0.50	100.0	Normal	0.54	0.43	0.50	0.31	118.8	Normal	Normal	Normal	
2511	Chittoor	Nagari	0.66	0.55	0.66	0.46	100.0	Normal	0.46	0.36	0.48	0.24	91.8	Normal	Normal	Normal	
2512	Chittoor	Srirangarajapuram	0.62	0.52	0.62	0.46	98.8	Normal	0.43	0.36	0.46	0.29	83.8	Normal	Normal	Normal	
2513	Chittoor	Palasamudram	0.62	0.55	0.62	0.49	100.0	Normal	0.46	0.39	0.47	0.31	98.1	Normal	Normal	Normal	
2514	Chittoor	Gangadharanellore	0.60	0.52	0.62	0.46	89.0	Normal	0.44	0.34	0.48	0.23	85.9	Normal	Normal	Normal	
2515	Chittoor	Gudipala	0.60	0.55	0.69	0.41	69.4	Normal	0.43	0.36	0.50	0.23	74.3	Normal	Normal	Normal	
2516	Chittoor	Chittoor	0.59	0.53	0.63	0.45	76.1	Normal	0.42	0.37	0.46	0.31	71.8	Normal	Normal	Normal	
2517	Chittoor	Yadamarri	0.62	0.52	0.66	0.40	85.6	Normal	0.44	0.35	0.49	0.28	79.0	Normal	Normal	Normal	
2518	Chittoor	Thavanampalle	0.65	0.53	0.65	0.47	100.0	Normal	0.46	0.37	0.49	0.27	85.4	Normal	Normal	Normal	
2519	Chittoor	Somala	0.52	0.45	0.57	0.32	80.6	Normal	0.36	0.29	0.45	0.19	65.8	Normal	Normal	Normal	
2520	Chittoor	Chowdepalle	0.50	0.40	0.52	0.25	94.5	Normal	0.32	0.22	0.42	0.13	65.8	Normal	Normal	Normal	
2521	Chittoor	Punganur	0.49	0.36	0.56	0.18	82.4	Normal	0.33	0.19	0.43	0.07	73.9	Normal	Normal	Normal	
2522	Chittoor	Peddapanjani	0.52	0.38	0.58	0.18	85.0	Normal	0.33	0.22	0.45	0.09	68.2	Normal	Normal	Normal	
2523	Chittoor	Gangavaram	0.55	0.54	0.68	0.20	73.2	Normal	0.39	0.44	0.56	0.18	54.3	Moderate	Moderate	Normal	
2524	Chittoor	Bangarupalem	0.60	0.50	0.64	0.44	78.5	Normal	0.41	0.35	0.47	0.26	72.2	Normal	Normal	Normal	
2525	Chittoor	Palamaner	0.60	0.41	0.60	0.23	100.0	Normal	0.41	0.24	0.43	0.13	92.4	Normal	Normal	Normal	

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn1_Jul 22	Avg.	Max	Min	VCI	NDVI Status	fn1_Jul 22	Avg.	Max	Min	VCI	NDWI Status	
2615	Tirupati	Srikalahasti	0.51	0.36	0.52	0.20	96.3	Normal	0.30	0.18	0.30	0.06	100.0	Normal	Normal
2616	Tirupati	Yerpedu	0.55	0.44	0.59	0.32	85.1	Normal	0.38	0.28	0.41	0.11	91.7	Normal	Normal
2617	Tirupati	Renigunta	0.49	0.40	0.60	0.14	74.7	Normal	0.39	0.25	0.41	0.12	91.4	Normal	Normal
2618	Tirupati	Tirupati (Urban)	0.41	0.41	0.58	0.22	51.4	Moderate	0.33	0.27	0.40	0.18	68.2	Normal	Moderate
2619	Tirupati	Chinnagottigallu	0.54	0.43	0.60	0.31	79.9	Normal	0.39	0.24	0.40	0.12	97.5	Normal	Normal
2620	Tirupati	Yerravaripalem	0.40	0.42	0.51	0.24	59.9	Moderate	0.32	0.21	0.33	0.09	98.3	Normal	Moderate
2621	Tirupati	Pakala	0.62	0.45	0.63	0.18	98.4	Normal	0.46	0.28	0.46	0.12	100.0	Normal	Normal
2622	Tirupati	Chandragiri	0.54	0.47	0.62	0.37	68.5	Normal	0.42	0.30	0.47	0.18	84.0	Normal	Normal
2623	Tirupati	Ramachandrapuram	0.54	0.40	0.54	0.14	100.0	Normal	0.42	0.40	0.54	0.20	65.0	Normal	Normal
2624	Tirupati	Tirupati (Rural)	0.48	0.42	0.60	0.32	57.1	Moderate	0.39	0.27	0.40	0.14	97.4	Normal	Moderate
2625	Tirupati	Vadimalapeta	0.58	0.48	0.64	0.39	74.6	Normal	0.44	0.32	0.45	0.15	97.0	Normal	Normal
2626	Tirupati	Puttur	0.60	0.51	0.62	0.40	90.7	Normal	0.42	0.33	0.44	0.16	94.0	Normal	Normal
2627	Tirupati	Narayananavanam	0.59	0.50	0.60	0.41	96.3	Normal	0.40	0.30	0.49	0.18	70.9	Normal	Normal
2628	Tirupati	K.V.B.Puram	0.53	0.44	0.60	0.30	77.1	Normal	0.33	0.24	0.41	0.10	74.4	Normal	Normal
2629	Tirupati	Buchinaidu Kandriga	0.58	0.42	0.58	0.31	100.0	Normal	0.39	0.23	0.39	0.06	100.0	Normal	Normal
2630	Tirupati	Varadaiahpalem	0.52	0.41	0.53	0.28	94.7	Normal	0.37	0.21	0.37	0.03	100.0	Normal	Normal
2631	Tirupati	Tada	0.39	0.32	0.46	0.19	74.6	Normal	0.27	0.16	0.36	0.01	73.6	Normal	Normal
2632	Tirupati	Satyavedu	0.52	0.44	0.54	0.33	91.6	Normal	0.28	0.22	0.44	0.08	57.2	Moderate	Moderate
2633	Tirupati	Nagalapuram	0.60	0.51	0.66	0.40	77.1	Normal	0.42	0.32	0.52	0.17	72.5	Normal	Normal
2634	Tirupati	Pichatur	0.63	0.55	0.68	0.46	78.3	Normal	0.45	0.37	0.53	0.26	71.0	Normal	Normal



Sri. Sudheer Tiwari,
 (Asst. Project manager)



Sri. G. Prasada Rao,
 (Project Manager)



Dr. B. Sundar, IFS
 Vice-Chairman
