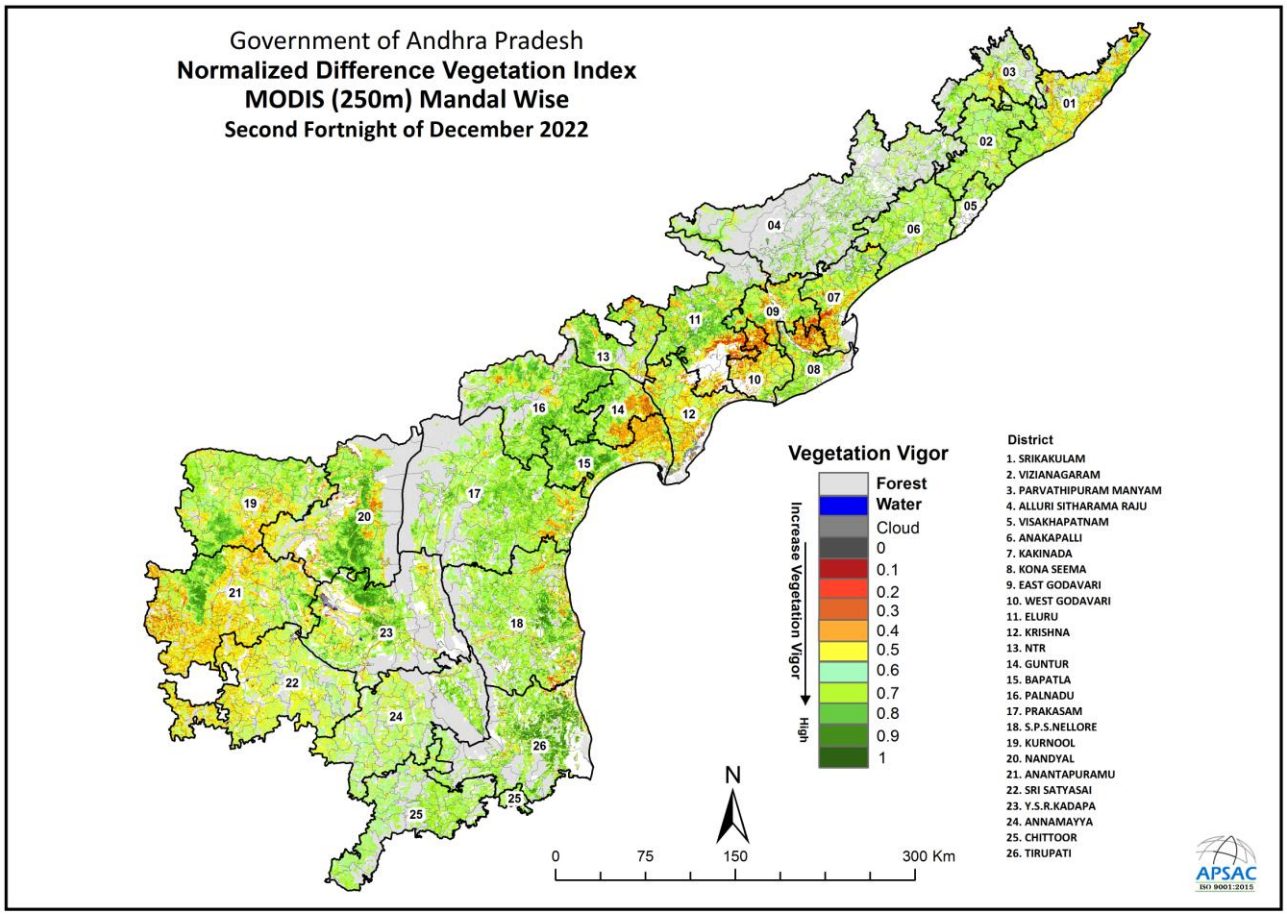
Technical Report: Drought Monitoring

Remote sensing Indicators (NDVI, NDWI and VCI) for Drought Declaration in Andhra Pradesh State

up to 2nd FN December 2022 (Rabi Season)



Prepared by

Andhra Pradesh Space Applications Centre (APSAC)
Agriculture & Soils Division
ITE&C Department, Government of Andhra Pradesh
Vijayawada520010, web site : www.apsac.ap.gov.in

Prepared for

Revenue (DM) Department,
Govt. of Andhra Pradesh,
A.P. Secretariat, Velagapudi
Andhra Pradesh

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 396 mandals are in Normal, 96 mandals Moderate, and 175 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 to2nd FN December 2022.

Sno.	District	No. of Mandals	VCI		
			Normal	Moderate	Severe
1	A. Sitharama Raju	22	16	2	4
2	Anakapalli	24	10	10	4
3	Anantapuramu	31	27	2	2
4	Annamayya	30	30	0	0
5	Bapatla	25	8	5	12
6	Chittoor	31	29	0	2
7	East Godavari	19	2	5	12
8	Eluru	28	9	2	17
9	Guntur	18	4	5	8
10	Kakinada	21	1	6	14
11	Kona Seema	22	2	6	14
12	Krishna	25	1	5	19
13	Kurnool	26	21	2	2
14	Manyam	15	3	4	8
15	Nandyal	29	21	4	3
16	NTR	20	5	7	4
17	Palnadu	28	16	6	6
18	Prakasam	38	32	1	5
19	S.P.S.Nellore	38	32	4	1
20	Sri Satyasai	32	32	0	0
21	Srikakulam	30	3	4	23
22	Tirupati	34	33	1	0
23	Visakhapatnam	11	7	0	0
24	Vizianagaram	27	17	10	0
25	West Godavari	19	3	3	13
26	Y.S.R.Kadapa	36	32	2	2
Grand Total		**679**	**396**	**96**	**175**

***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 2nd FN December 2022.

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0101	Srikakulam	Kothuru	0.47	0.47	0.52	0.44	34.9	Severe	0.24	0.26	0.33	0.20	30.9	Severe	Severe
0102	Srikakulam	Hiramandalam	0.44	0.46	0.49	0.42	19.7	Severe	0.33	0.30	0.38	0.26	53.5	Moderate	Severe
0103	Srikakulam	Lakshminarsupeta	0.50	0.48	0.53	0.45	63.2	Normal	0.30	0.30	0.41	0.25	31.6	Severe	Severe
0104	Srikakulam	Sarubujjili	0.48	0.51	0.57	0.47	9.3	Severe	0.27	0.33	0.43	0.25	11.5	Severe	Severe
0105	Srikakulam	Burja	0.56	0.55	0.58	0.51	71.4	Normal	0.37	0.37	0.43	0.31	44.7	Moderate	Moderate
0106	Srikakulam	Amadalavalasa	0.52	0.50	0.55	0.46	69.6	Normal	0.30	0.30	0.46	0.23	28.5	Severe	Severe
0107	Srikakulam	Ponduru	0.64	0.59	0.67	0.53	80.4	Normal	0.44	0.39	0.49	0.33	68.6	Normal	Normal
0108	Srikakulam	Ganguvarisigadam	0.60	0.57	0.64	0.52	69.0	Normal	0.39	0.36	0.44	0.31	63.2	Normal	Normal
0109	Srikakulam	Laveru	0.60	0.59	0.65	0.54	56.3	Moderate	0.39	0.38	0.46	0.32	52.6	Moderate	Moderate
0110	Srikakulam	Ranastalam	0.59	0.57	0.63	0.54	47.9	Moderate	0.40	0.37	0.45	0.33	59.3	Moderate	Moderate
0111	Srikakulam	Etcherla	0.56	0.55	0.63	0.51	47.1	Moderate	0.38	0.38	0.48	0.33	31.8	Severe	Severe
0112	Srikakulam	Srikakulam	0.49	0.49	0.52	0.46	54.5	Moderate	0.28	0.29	0.44	0.25	14.2	Severe	Severe
0113	Srikakulam	Gara	0.49	0.49	0.53	0.47	31.1	Severe	0.28	0.30	0.48	0.25	12.0	Severe	Severe
0114	Srikakulam	Polaki	0.49	0.49	0.55	0.46	33.0	Severe	0.27	0.29	0.47	0.23	17.7	Severe	Severe
0115	Srikakulam	Narasannapeta	0.47	0.49	0.56	0.44	23.3	Severe	0.23	0.27	0.42	0.19	17.7	Severe	Severe
0116	Srikakulam	Jalumuru	0.47	0.49	0.57	0.45	16.2	Severe	0.25	0.29	0.37	0.23	13.5	Severe	Severe
0117	Srikakulam	Kotabommali	0.51	0.50	0.56	0.47	40.9	Moderate	0.29	0.31	0.42	0.25	23.3	Severe	Severe
0118	Srikakulam	Santhabommali	0.42	0.43	0.47	0.40	29.6	Severe	0.26	0.27	0.40	0.22	22.9	Severe	Severe
0119	Srikakulam	Tekkali	0.49	0.49	0.54	0.46	34.9	Severe	0.28	0.30	0.38	0.25	21.9	Severe	Severe
0120	Srikakulam	Saravakota	0.55	0.55	0.58	0.52	44.1	Moderate	0.35	0.36	0.40	0.31	38.9	Severe	Severe
0121	Srikakulam	Pathapatnam	0.53	0.52	0.55	0.50	50.0	Moderate	0.30	0.31	0.37	0.28	29.8	Severe	Severe
0122	Srikakulam	Meliaputti	0.53	0.54	0.58	0.52	18.3	Severe	0.31	0.34	0.40	0.30	7.7	Severe	Severe
0123	Srikakulam	Nandigam	0.47	0.48	0.52	0.45	30.7	Severe	0.25	0.28	0.33	0.24	18.5	Severe	Severe
0124	Srikakulam	Vajrapukothuru	0.55	0.55	0.60	0.45	68.7	Normal	0.40	0.39	0.46	0.27	69.0	Normal	Normal
0125	Srikakulam	Palasa	0.50	0.52	0.57	0.48	29.2	Severe	0.28	0.31	0.39	0.27	10.7	Severe	Severe
0126	Srikakulam	Mandasa	0.54	0.56	0.62	0.50	36.6	Severe	0.33	0.36	0.45	0.27	33.0	Severe	Severe
0127	Srikakulam	Sompeta	0.47	0.50	0.59	0.44	22.1	Severe	0.27	0.29	0.44	0.20	28.0	Severe	Severe
0128	Srikakulam	Kanchili	0.51	0.53	0.60	0.49	16.7	Severe	0.27	0.32	0.43	0.26	6.2	Severe	Severe
0129	Srikakulam	Kaviti	0.60	0.60	0.66	0.55	44.7	Moderate	0.46	0.46	0.53	0.35	56.8	Moderate	Moderate
0130	Srikakulam	Ichchapuram	0.44	0.46	0.55	0.41	15.6	Severe	0.22	0.24	0.41	0.17	22.0	Severe	Severe
0201	Vizianagaram	Vangara	0.52	0.49	0.54	0.46	72.0	Normal	0.32	0.31	0.36	0.28	48.6	Moderate	Moderate
0202	Vizianagaram	Regidiamadalavalasa	0.57	0.55	0.61	0.51	63.6	Normal	0.37	0.37	0.43	0.32	44.4	Moderate	Moderate
0203	Vizianagaram	Santhakaviti	0.59	0.57	0.64	0.53	61.0	Normal	0.39	0.38	0.46	0.32	53.4	Moderate	Moderate
0204	Vizianagaram	Rajam	0.58	0.54	0.62	0.51	59.1	Moderate	0.36	0.33	0.41	0.27	60.1	Normal	Moderate
0205	Vizianagaram	Therlam	0.57	0.53	0.61	0.50	64.2	Normal	0.34	0.33	0.40	0.29	46.8	Moderate	Moderate
0206	Vizianagaram	Bobbili	0.55	0.52	0.57	0.49	70.1	Normal	0.33	0.32	0.38	0.27	56.5	Moderate	Moderate
0207	Vizianagaram	Ramabhadrapuram	0.59	0.55	0.61	0.51	80.8	Normal	0.35	0.34	0.41	0.28	56.6	Moderate	Moderate
0208	Vizianagaram	Badangi	0.56	0.52	0.58	0.48	78.6	Normal	0.34	0.33	0.40	0.27	55.1	Moderate	Moderate
0209	Vizianagaram	Merakamudidam	0.61	0.57	0.64	0.54	68.6	Normal	0.37	0.36	0.41	0.33	54.1	Moderate	Moderate
0210	Vizianagaram	Garividi	0.59	0.56	0.62	0.52	64.4	Normal	0.35	0.34	0.39	0.30	54.1	Moderate	Moderate
0211	Vizianagaram	Cheepurupalle	0.61	0.57	0.63	0.52	81.2	Normal	0.39	0.36	0.41	0.28	83.1	Normal	Normal
0212	Vizianagaram	Gurla	0.55	0.51	0.56	0.48	84.1	Normal	0.33	0.31	0.36	0.26	66.0	Normal	Normal
0213	Vizianagaram	Gajapathinagaram	0.56	0.52	0.56	0.47	94.3	Normal	0.33	0.31	0.35	0.25	80.2	Normal	Normal
0214	Vizianagaram	Dattirajeru	0.57	0.52	0.57	0.49	93.0	Normal	0.33	0.31	0.36	0.26	70.0	Normal	Normal
0215	Vizianagaram	Mentada	0.59	0.55	0.60	0.52	89.2	Normal	0.37	0.35	0.41	0.30	66.0	Normal	Normal
0216	Vizianagaram	Bondapalle	0.58	0.53	0.59	0.49	93.8	Normal	0.38	0.33	0.39	0.28	84.6	Normal	Normal
0217	Vizianagaram	Nellimarla	0.57	0.53	0.58	0.50	86.4	Normal	0.36	0.33	0.37	0.28	85.4	Normal	Normal
0218	Vizianagaram	Pusapatirega	0.57	0.55	0.61	0.49	63.8	Normal	0.38	0.35	0.43	0.28	68.5	Normal	Normal
0219	Vizianagaram	Bhogapuram	0.55	0.54	0.59	0.45	73.3	Normal	0.36	0.33	0.39	0.22	82.6	Normal	Normal
0220	Vizianagaram	Denkada	0.54	0.50	0.57	0.44	72.2	Normal	0.34	0.30	0.39	0.22	74.0	Normal	Normal
0221	Vizianagaram	Vizianagaram	0.52	0.48	0.53	0.43	96.7	Normal	0.31	0.28	0.34	0.19	78.6	Normal	Normal
0222	Vizianagaram	Gantyada	0.59	0.55	0.61	0.50	80.6	Normal	0.42	0.37	0.44	0.30	84.4	Normal	Normal
0223	Vizianagaram	Srungavarapukota	0.60	0.58	0.62	0.53	78.2	Normal	0.43	0.40	0.45	0.33	82.5	Normal	Normal
0224	Vizianagaram	Jami	0.55	0.53	0.59	0.48	67.6	Normal	0.39	0.35	0.41	0.28	87.2	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0225	Vizianagaram	Kothavalasa	0.63	0.57	0.63	0.52	100.0	Normal	0.42	0.36	0.42	0.28	100.0	Normal	Normal
0226	Vizianagaram	Lakkavarapukota	0.54	0.50	0.55	0.44	92.7	Normal	0.37	0.31	0.39	0.24	88.4	Normal	Normal
0227	Vizianagaram	Vepada	0.60	0.54	0.60	0.50	100.0	Normal	0.41	0.34	0.42	0.27	89.3	Normal	Normal
0301	Manyam	Komarada	0.58	0.59	0.66	0.55	32.4	Severe	0.38	0.39	0.48	0.34	25.9	Severe	Severe
0302	Manyam	Gummalakshmipuram	0.63	0.63	0.69	0.59	46.4	Moderate	0.42	0.41	0.48	0.36	51.2	Moderate	Moderate
0303	Manyam	Kurupam	0.63	0.62	0.68	0.58	52.1	Moderate	0.42	0.41	0.48	0.36	46.5	Moderate	Moderate
0304	Manyam	Bhamini	0.53	0.53	0.60	0.49	32.7	Severe	0.32	0.32	0.43	0.25	37.1	Severe	Severe
0305	Manyam	Seethampeta	0.65	0.64	0.70	0.61	48.5	Moderate	0.46	0.44	0.53	0.40	46.9	Moderate	Moderate
0306	Manyam	Palakonda	0.58	0.58	0.63	0.54	41.8	Moderate	0.37	0.40	0.46	0.35	23.9	Severe	Severe
0307	Manyam	Veeraghattam	0.52	0.52	0.56	0.49	40.6	Moderate	0.30	0.33	0.37	0.30	4.3	Severe	Severe
0308	Manyam	Jiyyammavalasa	0.51	0.49	0.53	0.44	76.9	Normal	0.30	0.28	0.32	0.24	75.0	Normal	Normal
0309	Manyam	Garugubilli	0.45	0.47	0.50	0.42	31.3	Severe	0.25	0.29	0.31	0.25	0.0	Severe	Severe
0310	Manyam	Balijipeta	0.52	0.50	0.54	0.47	70.6	Normal	0.31	0.30	0.34	0.27	50.0	Moderate	Moderate
0311	Manyam	Seethanagaram	0.54	0.52	0.58	0.50	47.7	Moderate	0.33	0.33	0.39	0.29	36.1	Severe	Severe
0312	Manyam	Parvathipuram	0.52	0.51	0.57	0.48	42.5	Moderate	0.29	0.30	0.36	0.27	26.4	Severe	Severe
0313	Manyam	Makkuva	0.60	0.55	0.62	0.53	77.3	Normal	0.39	0.34	0.41	0.31	75.3	Normal	Normal
0314	Manyam	Salur	0.64	0.61	0.66	0.59	68.9	Normal	0.41	0.40	0.47	0.37	36.1	Severe	Severe
0315	Manyam	Pachipenta	0.64	0.61	0.65	0.58	86.8	Normal	0.40	0.39	0.44	0.34	60.4	Normal	Normal
0401	Alluri Sitharama Raju	Munchingi Puttu	0.60	0.54	0.60	0.48	98.3	Normal	0.36	0.29	0.36	0.21	100.0	Normal	Normal
0402	Alluri Sitharama Raju	Peda Bayalu	0.62	0.55	0.62	0.49	100.0	Normal	0.35	0.27	0.35	0.20	100.0	Normal	Normal
0403	Alluri Sitharama Raju	Dumbriguda	0.58	0.53	0.58	0.48	100.0	Normal	0.29	0.25	0.33	0.19	69.3	Normal	Normal
0404	Alluri Sitharama Raju	Araku Valley	0.60	0.55	0.62	0.51	84.8	Normal	0.30	0.27	0.35	0.19	69.0	Normal	Normal
0405	Alluri Sitharama Raju	Ananthagiri	0.71	0.67	0.73	0.63	79.4	Normal	0.47	0.45	0.54	0.39	50.6	Moderate	Moderate
0406	Alluri Sitharama Raju	Hukumpeta	0.62	0.56	0.62	0.52	100.0	Normal	0.34	0.29	0.37	0.24	78.6	Normal	Normal
0407	Alluri Sitharama Raju	Paderu	0.67	0.62	0.67	0.58	100.0	Normal	0.43	0.39	0.45	0.35	80.2	Normal	Normal
0408	Alluri Sitharama Raju	G.Madugula	0.68	0.63	0.68	0.60	100.0	Normal	0.41	0.37	0.45	0.32	65.4	Normal	Normal
0409	Alluri Sitharama Raju	Chintapalle	0.68	0.64	0.69	0.61	89.9	Normal	0.42	0.39	0.47	0.34	61.1	Normal	Normal
0410	Alluri Sitharama Raju	Gudem Kotha Veedhi	0.71	0.67	0.72	0.64	89.0	Normal	0.46	0.43	0.49	0.38	71.8	Normal	Normal
0411	Alluri Sitharama Raju	Koyyuru	0.72	0.69	0.74	0.64	81.4	Normal	0.50	0.48	0.55	0.42	63.2	Normal	Normal
0412	Alluri Sitharama Raju	Rajavommangi	0.66	0.62	0.68	0.57	89.0	Normal	0.45	0.42	0.47	0.34	84.2	Normal	Normal
0413	Alluri Sitharama Raju	Addateegala	0.69	0.66	0.71	0.60	83.3	Normal	0.49	0.45	0.52	0.38	78.9	Normal	Normal
0414	Alluri Sitharama Raju	Gangavaram	0.68	0.64	0.69	0.58	87.0	Normal	0.45	0.42	0.49	0.35	74.8	Normal	Normal
0415	Alluri Sitharama Raju	Rampachodavaram	0.72	0.68	0.73	0.64	94.4	Normal	0.51	0.47	0.54	0.42	77.5	Normal	Normal
0416	Alluri Sitharama Raju	Devipatnam	0.65	0.66	0.68	0.63	44.2	Moderate	0.46	0.48	0.54	0.43	31.5	Severe	Severe
0417	Alluri Sitharama Raju	Vararamachandrapuram	0.56	0.56	0.62	0.50	50.4	Moderate	0.34	0.33	0.41	0.25	55.3	Moderate	Moderate
0418	Alluri Sitharama Raju	Kunavaram	0.59	0.59	0.64	0.53	52.0	Moderate	0.36	0.37	0.44	0.31	39.5	Severe	Severe
0419	Alluri Sitharama Raju	Nellipaka	0.56	0.57	0.61	0.54	25.0	Severe	0.30	0.32	0.37	0.29	22.4	Severe	Severe
0420	Alluri Sitharama Raju	Chintur	0.57	0.57	0.61	0.52	54.5	Moderate	0.30	0.32	0.37	0.26	38.1	Severe	Severe
0421	Alluri Sitharama Raju	Maredumilli	0.80	0.77	0.81	0.75	89.7	Normal	0.60	0.58	0.63	0.54	64.9	Normal	Normal
0422	Alluri Sitharama Raju	Y.Ramavaram	0.72	0.69	0.74	0.65	86.8	Normal	0.51	0.47	0.54	0.41	74.6	Normal	Normal
0501	Visakhapatnam	Padmanabham	0.57	0.52	0.58	0.46	92.5	Normal	0.39	0.31	0.39	0.23	100.0	Normal	Normal
0502	Visakhapatnam	Bheemunipatnam	0.57	0.51	0.60	0.45	81.7	Normal	0.40	0.30	0.40	0.21	100.0	Normal	Normal
0503	Visakhapatnam	Anandapuram	0.62	0.58	0.65	0.50	77.7	Normal	0.42	0.37	0.43	0.26	94.4	Normal	Normal
0504	Visakhapatnam	Pendurthi	0.59	0.54	0.59	0.48	100.0	Normal	0.40	0.35	0.44	0.27	78.9	Normal	Normal
0505	Visakhapatnam	Visakhapatnam (Rural)	0.62	0.56	0.64	0.49	87.1	Normal	0.44	0.37	0.44	0.28	98.1	Normal	Normal
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	0.62	0.57	0.64	0.48	84.6	Normal	0.43	0.39	0.47	0.27	81.2	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0511	Visakhapatnam	Pedagantyada	0.56	0.48	0.60	0.39	84.3	Normal	0.41	0.31	0.41	0.22	100.0	Normal	Normal
0601	Anakapalli	Devarapalle	0.59	0.58	0.61	0.55	70.3	Normal	0.42	0.41	0.48	0.38	39.4	Severe	Severe
0602	Anakapalli	K.Kotapadu	0.60	0.56	0.60	0.50	100.0	Normal	0.39	0.36	0.43	0.28	72.7	Normal	Normal
0603	Anakapalli	Sabbavaram	0.60	0.57	0.60	0.51	94.8	Normal	0.39	0.36	0.41	0.26	87.2	Normal	Normal
0604	Anakapalli	Paravada	0.59	0.54	0.61	0.48	80.7	Normal	0.38	0.34	0.42	0.24	80.3	Normal	Normal
0605	Anakapalli	Anakapalle	0.57	0.55	0.59	0.50	80.9	Normal	0.37	0.35	0.41	0.28	65.2	Normal	Normal
0606	Anakapalli	Chodavaram	0.58	0.57	0.60	0.53	69.6	Normal	0.40	0.39	0.47	0.33	47.9	Moderate	Moderate
0607	Anakapalli	Cheedikada	0.59	0.57	0.60	0.52	78.8	Normal	0.40	0.38	0.44	0.34	66.0	Normal	Normal
0608	Anakapalli	Madugula	0.60	0.58	0.63	0.55	60.6	Normal	0.39	0.39	0.46	0.35	38.5	Severe	Severe
0609	Anakapalli	Butchayyapeta	0.59	0.57	0.60	0.52	88.1	Normal	0.38	0.37	0.43	0.31	61.0	Normal	Normal
0610	Anakapalli	Kasimkota	0.61	0.58	0.62	0.52	88.6	Normal	0.40	0.39	0.43	0.30	70.2	Normal	Normal
0611	Anakapalli	Munagapaka	0.60	0.57	0.61	0.54	83.6	Normal	0.40	0.38	0.45	0.33	56.8	Moderate	Moderate
0612	Anakapalli	Atchutapuram	0.59	0.54	0.59	0.48	94.8	Normal	0.39	0.33	0.40	0.24	91.7	Normal	Normal
0613	Anakapalli	Rambilli	0.53	0.50	0.56	0.45	72.6	Normal	0.38	0.36	0.45	0.30	55.3	Moderate	Moderate
0614	Anakapalli	Yelamanchili	0.58	0.56	0.60	0.51	78.9	Normal	0.41	0.39	0.46	0.34	57.6	Moderate	Moderate
0615	Anakapalli	Makavarapalem	0.61	0.58	0.61	0.52	98.9	Normal	0.40	0.37	0.42	0.31	77.9	Normal	Normal
0616	Anakapalli	Ravikamatham	0.62	0.61	0.64	0.57	69.2	Normal	0.41	0.42	0.45	0.37	45.7	Moderate	Moderate
0617	Anakapalli	Rolugunta	0.62	0.61	0.64	0.57	75.0	Normal	0.42	0.41	0.48	0.36	49.6	Moderate	Moderate
0618	Anakapalli	Narsipatnam	0.59	0.57	0.59	0.53	85.9	Normal	0.38	0.37	0.47	0.32	40.7	Moderate	Moderate
0619	Anakapalli	Golugonda	0.64	0.62	0.66	0.58	74.0	Normal	0.45	0.43	0.52	0.38	45.9	Moderate	Moderate
0620	Anakapalli	Nathavaram	0.61	0.59	0.63	0.54	80.5	Normal	0.42	0.41	0.50	0.35	48.4	Moderate	Moderate
0621	Anakapalli	Kotauratla	0.65	0.62	0.65	0.56	100.0	Normal	0.44	0.42	0.49	0.36	62.7	Normal	Normal
0622	Anakapalli	S.Rayavaram	0.55	0.56	0.61	0.50	41.0	Moderate	0.37	0.41	0.49	0.35	15.0	Severe	Severe
0623	Anakapalli	Nakkapalle	0.60	0.58	0.63	0.52	72.0	Normal	0.40	0.39	0.47	0.32	51.4	Moderate	Moderate
0624	Anakapalli	Payakaraopeta	0.55	0.58	0.61	0.54	23.3	Severe	0.39	0.43	0.51	0.39	0.0	Severe	Severe
0701	Kakinada	Kotananduru	0.52	0.53	0.57	0.49	37.3	Severe	0.35	0.36	0.49	0.28	34.4	Severe	Severe
0702	Kakinada	Tuni	0.62	0.61	0.65	0.57	62.8	Normal	0.42	0.43	0.51	0.37	35.1	Severe	Severe
0703	Kakinada	Rowthulapudi	0.67	0.65	0.68	0.61	74.3	Normal	0.46	0.46	0.51	0.41	47.3	Moderate	Moderate
0704	Kakinada	Sankhavaram	0.69	0.66	0.70	0.63	80.6	Normal	0.48	0.48	0.51	0.45	53.4	Moderate	Moderate
0705	Kakinada	Thondangi	0.51	0.51	0.54	0.48	49.1	Moderate	0.33	0.35	0.44	0.32	3.5	Severe	Severe
0706	Kakinada	Kothapalle	0.44	0.42	0.50	0.37	51.2	Moderate	0.27	0.36	0.48	0.25	6.7	Severe	Severe
0707	Kakinada	Gollaprolu	0.55	0.54	0.59	0.52	41.9	Moderate	0.34	0.39	0.50	0.34	1.9	Severe	Severe
0708	Kakinada	Prathipadu	0.62	0.61	0.63	0.57	79.7	Normal	0.42	0.43	0.48	0.40	26.6	Severe	Severe
0709	Kakinada	Yeleswaram	0.59	0.57	0.60	0.54	85.9	Normal	0.38	0.40	0.48	0.36	23.1	Severe	Severe
0710	Kakinada	Jaggampeta	0.58	0.56	0.59	0.51	82.7	Normal	0.39	0.39	0.46	0.34	40.7	Moderate	Moderate
0711	Kakinada	Gandepalle	0.58	0.57	0.60	0.54	65.0	Normal	0.49	0.45	0.54	0.39	64.6	Normal	Normal
0712	Kakinada	Peddapuram	0.55	0.53	0.59	0.48	64.9	Normal	0.35	0.40	0.46	0.35	0.0	Severe	Severe
0713	Kakinada	Kirlampudi	0.52	0.52	0.56	0.49	41.4	Moderate	0.31	0.40	0.49	0.31	0.0	Severe	Severe
0714	Kakinada	Pithapuram	0.48	0.45	0.52	0.41	65.5	Normal	0.26	0.36	0.53	0.24	8.4	Severe	Severe
0715	Kakinada	Samalkota	0.36	0.33	0.37	0.27	90.7	Normal	0.35	0.41	0.53	0.29	24.9	Severe	Severe
0716	Kakinada	Kakinada (Rural)	0.48	0.43	0.48	0.38	100.0	Normal	0.32	0.31	0.43	0.25	38.1	Severe	Severe
0717	Kakinada	Kakinada (Urban)	0.46	0.40	0.46	0.33	100.0	Normal	0.29	0.29	0.40	0.23	36.2	Severe	Severe
0718	Kakinada	Pedapudi	0.38	0.34	0.42	0.23	80.4	Normal	0.36	0.45	0.59	0.25	32.0	Severe	Severe
0719	Kakinada	Karapa	0.42	0.35	0.42	0.26	99.4	Normal	0.38	0.40	0.55	0.24	43.8	Moderate	Moderate
0720	Kakinada	Kajuluru	0.41	0.35	0.43	0.29	91.5	Normal	0.42	0.47	0.57	0.25	52.5	Moderate	Moderate
0721	Kakinada	Thallarevu	0.46	0.42	0.47	0.39	88.9	Normal	0.47	0.47	0.53	0.40	57.3	Moderate	Moderate
0801	Kona Seema	Atreyapuram	0.38	0.42	0.46	0.38	0.0	Severe	0.40	0.41	0.47	0.37	28.8	Severe	Severe
0802	Kona Seema	Alamuru	0.34	0.36	0.40	0.33	15.7	Severe	0.46	0.41	0.51	0.27	81.0	Normal	Severe
0803	Kona Seema	Mandapeta	0.38	0.38	0.43	0.34	45.1	Moderate	0.46	0.42	0.52	0.32	71.4	Normal	Moderate
0804	Kona Seema	Rayavaram	0.30	0.32	0.38	0.27	26.6	Severe	0.48	0.43	0.51	0.22	89.4	Normal	Severe
0805	Kona Seema	Ramachandrapuram	0.36	0.32	0.39	0.24	81.5	Normal	0.43	0.44	0.55	0.25	61.5	Normal	Normal
0806	Kona Seema	Pamarru	0.40	0.34	0.40	0.30	100.0	Normal	0.41	0.45	0.59	0.22	51.5	Moderate	Moderate
0807	Kona Seema	Kapileswarapuram	0.32	0.31	0.35	0.26	72.3	Normal	0.49	0.41	0.51	0.22	92.8	Normal	Normal
0808	Kona Seema	Ravulapalem	0.53	0.50	0.55	0.48	71.6	Normal	0.40	0.45	0.54	0.37	14.4	Severe	Severe
0809	Kona Seema	Kothapeta	0.55	0.53	0.56	0.50	83.6	Normal	0.44	0.49	0.59	0.35	37.1	Severe	Severe
0810	Kona Seema	Ainavilli	0.57	0.57	0.62	0.53	43.0	Moderate	0.44	0.55	0.68	0.39	17.8	Severe	Severe
0811	Kona Seema	Mummidivaram	0.62	0.60	0.65	0.56	61.3	Normal	0.58	0.59	0.70	0.47	48.5	Moderate	Moderate

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
0812	Kona Seema	I. Polavaram	0.54	0.53	0.58	0.49	57.3	Moderate	0.59	0.59	0.66	0.45	69.6	Normal	Moderate
0813	Kona Seema	Katrenikona	0.49	0.51	0.59	0.47	15.8	Severe	0.59	0.58	0.65	0.52	51.9	Moderate	Severe
0814	Kona Seema	Uppalaguptam	0.54	0.53	0.59	0.49	52.9	Moderate	0.62	0.60	0.69	0.52	59.5	Moderate	Moderate
0815	Kona Seema	Amalapuram	0.61	0.59	0.63	0.56	62.9	Normal	0.51	0.57	0.66	0.44	35.4	Severe	Severe
0816	Kona Seema	Ambajipeta	0.63	0.65	0.68	0.60	40.7	Moderate	0.50	0.62	0.75	0.43	21.7	Severe	Severe
0817	Kona Seema	P.Gannavaram	0.50	0.54	0.57	0.50	0.0	Severe	0.45	0.54	0.65	0.43	7.7	Severe	Severe
0818	Kona Seema	Sakhinetipalle	0.55	0.59	0.62	0.55	0.0	Severe	0.57	0.63	0.66	0.57	0.0	Severe	Severe
0819	Kona Seema	Malikipuram	0.60	0.63	0.68	0.57	24.8	Severe	0.54	0.60	0.66	0.54	0.0	Severe	Severe
0820	Kona Seema	Razole	0.62	0.61	0.64	0.56	73.4	Normal	0.60	0.60	0.68	0.53	40.9	Moderate	Moderate
0821	Kona Seema	Mamidikuduru	0.57	0.59	0.63	0.55	28.8	Severe	0.55	0.60	0.69	0.54	7.9	Severe	Severe
0822	Kona Seema	Allavaram	0.51	0.54	0.57	0.49	32.9	Severe	0.57	0.57	0.62	0.53	37.8	Severe	Severe
0901	East Godavari	Gokavaram	0.55	0.54	0.56	0.49	85.3	Normal	0.32	0.34	0.42	0.29	25.4	Severe	Severe
0902	East Godavari	Korukonda	0.55	0.53	0.55	0.51	100.0	Normal	0.39	0.36	0.46	0.32	45.8	Moderate	Moderate
0903	East Godavari	Rajanagaram	0.58	0.56	0.59	0.53	89.4	Normal	0.44	0.43	0.51	0.39	41.0	Moderate	Moderate
0904	East Godavari	Rangampeta	0.58	0.57	0.61	0.51	69.8	Normal	0.41	0.39	0.47	0.31	61.0	Normal	Normal
0905	East Godavari	Biccavolu	0.36	0.36	0.41	0.31	52.1	Moderate	0.45	0.44	0.53	0.32	62.6	Normal	Moderate
0906	East Godavari	Anaparthy	0.35	0.37	0.42	0.32	28.7	Severe	0.46	0.43	0.52	0.31	69.5	Normal	Severe
0907	East Godavari	Kadiam	0.48	0.48	0.54	0.46	29.5	Severe	0.39	0.39	0.48	0.34	39.6	Severe	Severe
0908	East Godavari	Rajahmundry (Rural)	0.41	0.43	0.46	0.39	37.7	Severe	0.37	0.35	0.43	0.30	54.3	Moderate	Severe
0909	East Godavari	Rajahmundry (Urban)	0.41	0.44	0.52	0.35	35.6	Severe	0.31	0.27	0.36	0.19	73.5	Normal	Severe
0910	East Godavari	Seethanagaram	0.49	0.52	0.58	0.49	0.0	Severe	0.33	0.33	0.39	0.29	38.1	Severe	Severe
0911	East Godavari	Tallapudi	0.44	0.46	0.50	0.43	15.5	Severe	0.27	0.31	0.42	0.26	10.0	Severe	Severe
0912	East Godavari	Gopalapuram	0.57	0.55	0.58	0.52	82.4	Normal	0.35	0.36	0.39	0.30	50.6	Moderate	Moderate
0913	East Godavari	Devarapalle	0.56	0.58	0.61	0.55	14.1	Severe	0.39	0.41	0.48	0.38	15.6	Severe	Severe
0914	East Godavari	Nallajerla	0.60	0.58	0.60	0.54	96.6	Normal	0.42	0.41	0.45	0.37	64.3	Normal	Normal
0915	East Godavari	Kovvur	0.43	0.45	0.50	0.42	12.7	Severe	0.46	0.41	0.51	0.35	72.1	Normal	Severe
0916	East Godavari	Chagallu	0.57	0.56	0.59	0.54	57.7	Moderate	0.51	0.47	0.54	0.45	61.5	Normal	Moderate
0917	East Godavari	Nidadavole	0.42	0.45	0.49	0.41	9.6	Severe	0.42	0.41	0.51	0.37	33.3	Severe	Severe
0918	East Godavari	Undrajavaram	0.45	0.44	0.49	0.40	48.8	Moderate	0.44	0.48	0.59	0.37	32.0	Severe	Severe
0919	East Godavari	Peravali	0.52	0.51	0.55	0.48	56.1	Moderate	0.41	0.47	0.56	0.41	0.0	Severe	Severe
1001	West Godavari	Tadepalligudem	0.40	0.44	0.50	0.40	3.0	Severe	0.48	0.44	0.52	0.38	75.2	Normal	Severe
1002	West Godavari	Pentapadu	0.31	0.32	0.37	0.26	42.3	Moderate	0.53	0.46	0.61	0.35	70.8	Normal	Moderate
1003	West Godavari	Tanuku	0.37	0.35	0.41	0.29	67.0	Normal	0.43	0.44	0.55	0.31	52.8	Moderate	Moderate
1004	West Godavari	Attili	0.40	0.39	0.45	0.32	64.8	Normal	0.44	0.45	0.54	0.37	38.9	Severe	Severe
1005	West Godavari	Iragavaram	0.45	0.41	0.46	0.33	90.8	Normal	0.35	0.46	0.60	0.31	13.0	Severe	Severe
1006	West Godavari	Penugonda	0.46	0.44	0.49	0.38	71.6	Normal	0.36	0.46	0.62	0.33	8.3	Severe	Severe
1007	West Godavari	Penumantra	0.44	0.40	0.44	0.32	100.0	Normal	0.42	0.47	0.61	0.38	15.4	Severe	Severe
1008	West Godavari	Veeravasaram	0.47	0.44	0.47	0.39	100.0	Normal	0.41	0.42	0.53	0.35	34.3	Severe	Severe
1009	West Godavari	Palacoderu	0.44	0.42	0.45	0.37	83.5	Normal	0.41	0.43	0.49	0.39	26.6	Severe	Severe
1010	West Godavari	Undi	0.37	0.38	0.43	0.33	38.0	Severe	0.45	0.44	0.52	0.39	49.6	Moderate	Severe
1011	West Godavari	Akividu	0.41	0.43	0.46	0.37	40.0	Moderate	0.51	0.48	0.52	0.43	88.9	Normal	Moderate
1012	West Godavari	Kalla	0.41	0.42	0.45	0.38	37.8	Severe	0.46	0.44	0.51	0.37	63.5	Normal	Severe
1013	West Godavari	Bhimavaram	0.44	0.41	0.45	0.37	85.5	Normal	0.51	0.45	0.51	0.40	100.0	Normal	Normal
1014	West Godavari	Mogalthur	0.50	0.54	0.57	0.50	2.9	Severe	0.54	0.53	0.59	0.50	51.1	Moderate	Severe
1015	West Godavari	Narasapuram	0.51	0.49	0.52	0.44	79.8	Normal	0.56	0.52	0.57	0.48	96.7	Normal	Normal
1016	West Godavari	Palacole	0.51	0.48	0.51	0.44	100.0	Normal	0.43	0.48	0.58	0.41	9.3	Severe	Severe
1017	West Godavari	Yelamanchili	0.59	0.56	0.60	0.51	86.3	Normal	0.54	0.39	0.54	0.34	100.0	Normal	Normal
1018	West Godavari	Poduru	0.50	0.45	0.51	0.42	88.5	Normal	0.42	0.47	0.62	0.36	25.4	Severe	Severe
1019	West Godavari	Achanta	0.51	0.47	0.51	0.41	98.9	Normal	0.39	0.44	0.60	0.31	28.7	Severe	Severe
1101	Eluru	Kukunoor	0.60	0.60	0.63	0.55	66.7	Normal	0.38	0.39	0.41	0.34	61.5	Normal	Normal
1102	Eluru	Velairpadu	0.59	0.58	0.63	0.53	64.6	Normal	0.38	0.36	0.41	0.29	68.3	Normal	Normal
1103	Eluru	Polavaram	0.60	0.59	0.62	0.57	58.1	Moderate	0.41	0.40	0.45	0.36	49.4	Moderate	Moderate
1104	Eluru	Buttayagudem	0.66	0.66	0.71	0.64	26.3	Severe	0.44	0.47	0.53	0.43	6.8	Severe	Severe
1105	Eluru	Jeelugu Milli	0.58	0.60	0.68	0.58	0.0	Severe	0.32	0.39	0.49	0.32	0.0	Severe	Severe
1106	Eluru	Jangareddigudem	0.57	0.56	0.64	0.52	39.8	Severe	0.34	0.38	0.45	0.30	28.4	Severe	Severe
1107	Eluru	Koyyalagudem	0.55	0.56	0.62	0.49	44.3	Moderate	0.30	0.34	0.42	0.24	35.0	Severe	Severe
1108	Eluru	Dwaraka Tirumala	0.66	0.64	0.68	0.63	56.6	Moderate	0.47	0.47	0.52	0.44	30.0	Severe	Severe

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1109	Eluru	Kamavarapukota	0.67	0.65	0.69	0.64	62.0	Normal	0.45	0.46	0.52	0.42	24.0	Severe	Severe
1110	Eluru	T.Narasapuram	0.66	0.65	0.69	0.64	53.1	Moderate	0.44	0.46	0.50	0.42	22.2	Severe	Severe
1111	Eluru	Chintalapudi	0.58	0.57	0.60	0.56	62.5	Normal	0.34	0.37	0.40	0.34	0.0	Severe	Severe
1112	Eluru	Chatrai	0.58	0.55	0.58	0.53	100.0	Normal	0.35	0.33	0.37	0.29	85.3	Normal	Normal
1113	Eluru	Lingapalem	0.62	0.59	0.63	0.57	77.8	Normal	0.42	0.39	0.44	0.36	69.8	Normal	Normal
1114	Eluru	Pedavegi	0.68	0.65	0.68	0.63	100.0	Normal	0.50	0.48	0.51	0.43	87.6	Normal	Normal
1115	Eluru	Denduluru	0.51	0.50	0.53	0.47	67.9	Normal	0.46	0.43	0.53	0.38	55.5	Moderate	Moderate
1116	Eluru	Bhimadole	0.34	0.38	0.42	0.34	0.0	Severe	0.53	0.46	0.57	0.40	74.9	Normal	Severe
1117	Eluru	Ungutur	0.37	0.40	0.43	0.36	14.7	Severe	0.53	0.47	0.56	0.39	83.2	Normal	Severe
1118	Eluru	Ganapavaram	0.34	0.37	0.44	0.32	14.9	Severe	0.52	0.46	0.55	0.37	82.6	Normal	Severe
1119	Eluru	Nidamarru	0.32	0.36	0.40	0.31	7.1	Severe	0.56	0.52	0.58	0.48	81.4	Normal	Severe
1120	Eluru	Kaikalur	0.43	0.44	0.51	0.39	30.5	Severe	0.35	0.36	0.46	0.27	43.1	Moderate	Severe
1121	Eluru	Kalidindi	0.37	0.42	0.47	0.37	0.0	Severe	0.40	0.36	0.45	0.29	70.1	Normal	Severe
1122	Eluru	Mudinepalle	0.43	0.46	0.54	0.41	17.5	Severe	0.34	0.32	0.41	0.25	56.2	Moderate	Severe
1123	Eluru	Mandavalli	0.40	0.44	0.54	0.39	7.7	Severe	0.35	0.33	0.43	0.26	56.0	Moderate	Severe
1124	Eluru	Eluru	0.47	0.47	0.53	0.43	34.4	Severe	0.34	0.33	0.40	0.29	47.7	Moderate	Severe
1125	Eluru	Pedapadu	0.56	0.52	0.60	0.45	76.8	Normal	0.42	0.38	0.49	0.29	67.5	Normal	Normal
1126	Eluru	Agiripalle	0.58	0.57	0.59	0.53	79.7	Normal	0.36	0.36	0.41	0.29	64.5	Normal	Normal
1127	Eluru	Nuzvid	0.63	0.60	0.63	0.55	100.0	Normal	0.42	0.39	0.44	0.32	90.2	Normal	Normal
1128	Eluru	Musunuru	0.65	0.61	0.65	0.58	100.0	Normal	0.45	0.41	0.45	0.38	100.0	Normal	Normal
1201	Krishna	Gannavaram	0.48	0.49	0.51	0.46	44.7	Moderate	0.29	0.29	0.33	0.24	62.9	Normal	Moderate
1202	Krishna	Bapulapadu	0.59	0.56	0.59	0.52	100.0	Normal	0.40	0.37	0.41	0.32	81.5	Normal	Normal
1203	Krishna	Nandivada	0.41	0.43	0.48	0.40	16.3	Severe	0.40	0.38	0.44	0.34	59.4	Moderate	Severe
1204	Krishna	Ungututuru	0.53	0.50	0.58	0.45	56.6	Moderate	0.34	0.33	0.43	0.26	46.7	Moderate	Moderate
1205	Krishna	Kankipadu	0.47	0.47	0.53	0.42	39.8	Severe	0.27	0.30	0.38	0.23	27.4	Severe	Severe
1206	Krishna	Penamaluru	0.43	0.45	0.47	0.43	9.8	Severe	0.27	0.27	0.35	0.24	29.4	Severe	Severe
1207	Krishna	Thotlavalluru	0.53	0.53	0.57	0.50	45.8	Moderate	0.37	0.36	0.42	0.31	55.5	Moderate	Moderate
1208	Krishna	Vuyyuru	0.53	0.53	0.58	0.48	52.1	Moderate	0.39	0.37	0.43	0.27	73.4	Normal	Moderate
1209	Krishna	Pedaparupudi	0.52	0.53	0.60	0.44	49.1	Moderate	0.39	0.37	0.49	0.26	54.8	Moderate	Moderate
1210	Krishna	Gudivada	0.43	0.50	0.58	0.43	0.0	Severe	0.30	0.33	0.42	0.27	17.1	Severe	Severe
1211	Krishna	Gudlavalleru	0.48	0.56	0.63	0.47	9.1	Severe	0.33	0.39	0.47	0.28	24.9	Severe	Severe
1212	Krishna	Pamarru	0.44	0.34	0.44	0.30	100.0	Normal	0.30	0.45	0.59	0.22	20.9	Severe	Severe
1213	Krishna	Pamidimukkala	0.49	0.53	0.59	0.46	26.5	Severe	0.34	0.36	0.44	0.30	31.7	Severe	Severe
1214	Krishna	Movva	0.46	0.56	0.62	0.46	0.0	Severe	0.33	0.39	0.48	0.31	12.8	Severe	Severe
1215	Krishna	Guduru	0.46	0.52	0.57	0.41	29.9	Severe	0.32	0.34	0.42	0.23	46.0	Moderate	Severe
1216	Krishna	Pedana	0.46	0.50	0.57	0.42	23.8	Severe	0.32	0.34	0.40	0.27	41.4	Moderate	Severe
1217	Krishna	Bantumilli	0.44	0.47	0.55	0.40	28.6	Severe	0.32	0.33	0.43	0.24	43.2	Moderate	Severe
1218	Krishna	Kruthivennu	0.40	0.43	0.51	0.38	15.2	Severe	0.40	0.41	0.46	0.36	37.4	Severe	Severe
1219	Krishna	Machilipatnam	0.40	0.43	0.47	0.39	8.5	Severe	0.38	0.34	0.41	0.26	84.5	Normal	Severe
1220	Krishna	Koduru	0.28	0.34	0.39	0.28	0.0	Severe	0.37	0.38	0.50	0.29	38.3	Severe	Severe
1221	Krishna	Nagayalanka	0.33	0.36	0.42	0.30	26.2	Severe	0.41	0.37	0.52	0.29	52.4	Moderate	Severe
1222	Krishna	Avanigadda	0.47	0.51	0.56	0.45	17.0	Severe	0.38	0.37	0.44	0.32	52.1	Moderate	Severe
1223	Krishna	Mopidevi	0.46	0.52	0.56	0.46	0.0	Severe	0.35	0.37	0.40	0.32	45.7	Moderate	Severe
1224	Krishna	Challapalle	0.47	0.52	0.55	0.46	1.2	Severe	0.33	0.35	0.40	0.29	35.6	Severe	Severe
1225	Krishna	Ghantasala	0.45	0.50	0.55	0.44	6.5	Severe	0.32	0.33	0.40	0.26	44.8	Moderate	Severe
1301	NTR	Gampalagudem	0.59	0.59	0.62	0.54	61.5	Normal	0.37	0.41	0.45	0.31	43.1	Moderate	Moderate
1302	NTR	Tiruvuru	0.44	0.46	0.48	0.44	0.0	Severe	0.30	0.32	0.41	0.20	47.5	Moderate	Severe
1303	NTR	Vissannapet	0.56	0.55	0.56	0.52	100.0	Normal	0.33	0.33	0.35	0.29	56.9	Moderate	Moderate
1304	NTR	A.Konduru	0.58	0.57	0.59	0.54	75.0	Normal	0.32	0.36	0.39	0.30	23.3	Severe	Severe
1305	NTR	Reddigudem	0.54	0.52	0.54	0.50	93.2	Normal	0.31	0.32	0.39	0.28	25.9	Severe	Severe
1306	NTR	Mylavaram	0.56	0.55	0.57	0.52	97.7	Normal	0.33	0.34	0.38	0.29	46.3	Moderate	Moderate
1307	NTR	G.Konduru	0.56	0.55	0.59	0.51	56.8	Moderate	0.34	0.35	0.42	0.30	38.2	Severe	Severe
1308	NTR	Veerullapadu	0.65	0.64	0.69	0.56	65.9	Normal	0.39	0.42	0.49	0.31	48.3	Moderate	Moderate
1309	NTR	Nandigama	0.63	0.62	0.65	0.56	70.9	Normal	0.41	0.41	0.45	0.33	65.6	Normal	Normal
1310	NTR	Penuganchiprolu	0.64	0.63	0.69	0.59	53.1	Moderate	0.43	0.44	0.52	0.37	42.7	Moderate	Moderate
1311	NTR	Vatsavai	0.66	0.66	0.68	0.60	69.8	Normal	0.43	0.46	0.50	0.36	46.8	Moderate	Moderate
1312	NTR	Jaggayyapeta	0.53	0.52	0.54	0.45	90.4	Normal	0.28	0.29	0.34	0.19	63.2	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1313	NTR	Chandarlapadu	0.67	0.64	0.70	0.58	80.2	Normal	0.47	0.44	0.50	0.35	82.3	Normal	Normal
1314	NTR	Kanchikacherla	0.64	0.61	0.64	0.53	97.2	Normal	0.42	0.40	0.47	0.29	70.2	Normal	Normal
1315	NTR	Ibrahimpatnam	0.54	0.51	0.54	0.47	100.0	Normal	0.38	0.33	0.38	0.28	100.0	Normal	Normal
1316	NTR	Vijayawada (Rural)	0.47	0.46	0.49	0.44	52.8	Moderate	0.31	0.30	0.39	0.23	49.0	Moderate	Moderate
1317	NTR	Vijayawada North	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.31	#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	0.18	#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	0.32	#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	0.40	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1401	Guntur	Thullur	0.62	0.55	0.64	0.43	89.9	Normal	0.46	0.38	0.51	0.21	82.6	Normal	Normal
1402	Guntur	Tadepalle	0.50	0.51	0.53	0.48	46.8	Moderate	0.39	0.36	0.39	0.32	92.2	Normal	Moderate
1403	Guntur	Mangalagiri	0.55	0.51	0.55	0.45	95.2	Normal	0.40	0.33	0.40	0.24	100.0	Normal	Normal
1404	Guntur	Tadikonda	0.70	0.66	0.70	0.62	100.0	Normal	0.52	0.49	0.58	0.41	66.1	Normal	Normal
1405	Guntur	Medikonduru	0.71	0.69	0.73	0.65	75.3	Normal	0.51	0.52	0.60	0.46	37.0	Severe	Severe
1406	Guntur	Phirangipuram	0.67	0.65	0.71	0.61	64.6	Normal	0.47	0.47	0.60	0.37	42.0	Moderate	Moderate
1407	Guntur	Guntur Rural	0.60	0.57	0.61	0.52	81.8	Normal	0.42	0.39	0.48	0.30	68.0	Normal	Normal
1408	Guntur	Guntur Urban	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.34	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1409	Guntur	Pedakakani	0.43	0.46	0.50	0.39	37.8	Severe	0.27	0.28	0.37	0.16	52.1	Moderate	Severe
1410	Guntur	Duggirala	0.37	0.39	0.42	0.36	20.6	Severe	0.19	0.19	0.24	0.09	64.9	Normal	Severe
1411	Guntur	Kollipara	0.38	0.40	0.42	0.37	26.5	Severe	0.18	0.18	0.21	0.11	69.9	Normal	Severe
1412	Guntur	Tenali	0.39	0.40	0.42	0.37	34.8	Severe	0.21	0.19	0.23	0.13	82.4	Normal	Severe
1413	Guntur	Chebrolu	0.48	0.49	0.53	0.45	32.5	Severe	0.32	0.31	0.37	0.22	65.6	Normal	Severe
1414	Guntur	Vatticherukuru	0.56	0.58	0.62	0.51	41.4	Moderate	0.42	0.41	0.48	0.30	64.2	Normal	Moderate
1415	Guntur	Prathipadu	0.61	0.61	0.63	0.57	59.3	Moderate	0.45	0.43	0.48	0.40	62.0	Normal	Moderate
1416	Guntur	Pedanandipadu	0.61	0.65	0.72	0.50	48.4	Moderate	0.47	0.48	0.58	0.27	65.3	Normal	Moderate
1417	Guntur	Kakumanu	0.47	0.54	0.62	0.41	28.6	Severe	0.39	0.39	0.50	0.21	62.5	Normal	Severe
1418	Guntur	Ponnur	0.39	0.42	0.46	0.39	6.6	Severe	0.25	0.24	0.30	0.16	62.1	Normal	Severe
1501	Bapatla	Tsundur	0.38	0.40	0.45	0.35	31.7	Severe	0.19	0.19	0.25	0.10	60.6	Normal	Severe
1502	Bapatla	Amruthalur	0.38	0.42	0.49	0.36	11.4	Severe	0.23	0.24	0.33	0.13	51.0	Moderate	Severe
1503	Bapatla	Vemuru	0.37	0.37	0.41	0.35	31.3	Severe	0.17	0.15	0.23	0.07	60.6	Normal	Severe
1504	Bapatla	Kollur	0.43	0.45	0.47	0.42	21.6	Severe	0.25	0.25	0.28	0.19	71.1	Normal	Severe
1505	Bapatla	Bhattiprolu	0.44	0.46	0.49	0.42	24.7	Severe	0.28	0.28	0.35	0.19	55.0	Moderate	Severe
1506	Bapatla	Repalle	0.43	0.43	0.47	0.39	59.0	Moderate	0.39	0.28	0.39	0.21	100.0	Normal	Moderate
1507	Bapatla	Nizampatnam	0.49	0.52	0.59	0.43	36.1	Severe	0.48	0.42	0.53	0.28	78.5	Normal	Severe
1508	Bapatla	Nagaram	0.46	0.50	0.56	0.45	12.1	Severe	0.36	0.34	0.43	0.24	62.6	Normal	Severe
1509	Bapatla	Cherukupalle	0.41	0.46	0.50	0.41	0.0	Severe	0.27	0.26	0.32	0.17	68.0	Normal	Severe
1510	Bapatla	Pittalavanipalem	0.44	0.49	0.54	0.43	13.6	Severe	0.33	0.32	0.44	0.23	46.9	Moderate	Severe
1511	Bapatla	Karlapalem	0.43	0.47	0.51	0.42	9.3	Severe	0.31	0.30	0.43	0.22	43.9	Moderate	Severe
1512	Bapatla	Bapatla	0.57	0.61	0.67	0.56	9.7	Severe	0.48	0.48	0.54	0.40	55.9	Moderate	Severe
1513	Bapatla	Chirala	0.64	0.63	0.71	0.53	63.0	Normal	0.53	0.48	0.55	0.31	93.6	Normal	Normal
1514	Bapatla	Karamchedu	0.72	0.69	0.79	0.57	69.6	Normal	0.60	0.56	0.68	0.38	74.0	Normal	Normal
1515	Bapatla	Parchur	0.63	0.65	0.77	0.43	57.2	Moderate	0.49	0.51	0.65	0.21	63.0	Normal	Moderate
1516	Bapatla	Yeddanapudi	0.68	0.64	0.73	0.47	83.1	Normal	0.51	0.46	0.57	0.23	82.5	Normal	Normal
1517	Bapatla	Martur	0.66	0.59	0.68	0.51	89.1	Normal	0.46	0.38	0.51	0.25	79.7	Normal	Normal
1518	Bapatla	Ballikurava	0.66	0.60	0.68	0.54	85.7	Normal	0.49	0.40	0.54	0.29	79.1	Normal	Normal
1519	Bapatla	Santhamaguluru	0.70	0.63	0.73	0.53	88.5	Normal	0.54	0.44	0.59	0.29	83.1	Normal	Normal
1520	Bapatla	Addanki	0.67	0.60	0.67	0.50	100.0	Normal	0.48	0.39	0.48	0.25	100.0	Normal	Normal
1521	Bapatla	Korisapadu	0.63	0.61	0.72	0.53	55.4	Moderate	0.44	0.40	0.51	0.27	68.8	Normal	Moderate
1522	Bapatla	Janakavarampanguluru	0.63	0.65	0.73	0.59	29.0	Severe	0.43	0.44	0.54	0.34	45.2	Moderate	Severe
1523	Bapatla	Inkollu	0.60	0.64	0.75	0.45	49.8	Moderate	0.40	0.45	0.57	0.21	51.0	Moderate	Moderate
1524	Bapatla	Chinaganjam	0.57	0.56	0.65	0.48	54.1	Moderate	0.45	0.40	0.47	0.28	85.6	Normal	Moderate
1525	Bapatla	Vetapalem	0.57	0.54	0.60	0.50	73.0	Normal	0.40	0.33	0.40	0.28	100.0	Normal	Normal
1601	Palnadu	Atchampet	0.65	0.64	0.67	0.59	77.4	Normal	0.42	0.43	0.50	0.37	37.2	Severe	Severe
1602	Palnadu	Amaravathi	0.68	0.64	0.68	0.58	100.0	Normal	0.48	0.45	0.53	0.35	75.4	Normal	Normal
1603	Palnadu	Pedakurapadu	0.72	0.70	0.75	0.64	74.1	Normal	0.51	0.52	0.60	0.44	43.2	Moderate	Moderate
1604	Palnadu	Krosuru	0.63	0.62	0.66	0.55	73.3	Normal	0.40	0.41	0.50	0.29	52.8	Moderate	Moderate
1605	Palnadu	Bellamkonda	0.50	0.53	0.62	0.47	19.3	Severe	0.41	0.34	0.44	0.20	87.7	Normal	Severe
1606	Palnadu	Machavaram	0.62	0.59	0.64	0.52	84.0	Normal	0.42	0.38	0.46	0.25	80.9	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1607	Palnadu	Piduguralla	0.59	0.58	0.64	0.52	55.0	Moderate	0.40	0.39	0.46	0.28	65.9	Normal	Moderate
1608	Palnadu	Rajupalem	0.55	0.54	0.59	0.48	68.6	Normal	0.35	0.32	0.44	0.21	62.3	Normal	Normal
1609	Palnadu	Sattenapalle	0.67	0.66	0.71	0.60	62.0	Normal	0.46	0.48	0.59	0.38	37.5	Severe	Severe
1610	Palnadu	Muppalla	0.64	0.60	0.65	0.49	94.2	Normal	0.45	0.43	0.59	0.35	38.6	Severe	Severe
1611	Palnadu	Nekarikallu	0.54	0.51	0.59	0.47	59.7	Moderate	0.36	0.34	0.49	0.22	53.5	Moderate	Moderate
1612	Palnadu	Ipur	0.64	0.57	0.66	0.49	91.1	Normal	0.45	0.37	0.50	0.22	81.5	Normal	Normal
1613	Palnadu	Karempudi	0.58	0.58	0.65	0.54	33.7	Severe	0.40	0.39	0.52	0.31	42.6	Moderate	Severe
1614	Palnadu	Dachepalle	0.62	0.58	0.62	0.49	100.0	Normal	0.39	0.37	0.44	0.21	77.6	Normal	Normal
1615	Palnadu	Gurazala	0.62	0.60	0.66	0.51	71.8	Normal	0.43	0.41	0.52	0.26	65.4	Normal	Normal
1616	Palnadu	Rentachintala	0.55	0.53	0.59	0.45	69.4	Normal	0.37	0.34	0.44	0.22	68.3	Normal	Normal
1617	Palnadu	Macherla	0.55	0.53	0.60	0.43	71.3	Normal	0.30	0.29	0.38	0.16	63.3	Normal	Normal
1618	Palnadu	Veldurthi	0.62	0.54	0.63	0.40	96.9	Normal	0.36	0.29	0.39	0.10	88.1	Normal	Normal
1619	Palnadu	Durgi	0.63	0.59	0.64	0.49	89.4	Normal	0.39	0.37	0.47	0.23	67.2	Normal	Normal
1620	Palnadu	Bollapalle	0.66	0.58	0.66	0.48	100.0	Normal	0.45	0.37	0.45	0.23	96.9	Normal	Normal
1621	Palnadu	Vinukonda	0.63	0.57	0.63	0.53	94.2	Normal	0.41	0.36	0.46	0.27	76.0	Normal	Normal
1622	Palnadu	Nuzendla	0.65	0.59	0.69	0.55	74.6	Normal	0.43	0.36	0.49	0.25	74.2	Normal	Normal
1623	Palnadu	Savalyapuram	0.70	0.62	0.76	0.51	74.9	Normal	0.53	0.44	0.64	0.24	73.5	Normal	Normal
1624	Palnadu	Rompicherla	0.69	0.61	0.73	0.51	83.9	Normal	0.54	0.44	0.65	0.27	71.6	Normal	Normal
1625	Palnadu	Narasaraopet	0.66	0.61	0.70	0.54	74.8	Normal	0.46	0.41	0.58	0.29	58.2	Moderate	Moderate
1626	Palnadu	Nadendla	0.68	0.68	0.74	0.63	39.3	Severe	0.46	0.48	0.59	0.39	33.7	Severe	Severe
1627	Palnadu	Edlapadu	0.65	0.63	0.68	0.58	72.4	Normal	0.43	0.43	0.52	0.35	51.2	Moderate	Moderate
1628	Palnadu	Chilakaluripet	0.67	0.60	0.67	0.56	100.0	Normal	0.46	0.39	0.49	0.33	82.3	Normal	Normal
1701	Prakasam	Yerragondapalem	0.58	0.50	0.62	0.36	84.6	Normal	0.33	0.27	0.39	0.09	78.5	Normal	Normal
1702	Prakasam	Pullalacheruvu	0.56	0.49	0.57	0.37	96.5	Normal	0.34	0.28	0.36	0.13	90.4	Normal	Normal
1703	Prakasam	Tripuranthakam	0.58	0.53	0.61	0.46	83.9	Normal	0.37	0.33	0.45	0.22	66.4	Normal	Normal
1704	Prakasam	Peda Araveedu	0.56	0.48	0.60	0.31	87.5	Normal	0.29	0.23	0.36	0.01	78.3	Normal	Normal
1705	Prakasam	Dornala	0.59	0.51	0.63	0.38	83.9	Normal	0.33	0.27	0.39	0.10	80.1	Normal	Normal
1706	Prakasam	Markapur	0.58	0.48	0.60	0.34	92.3	Normal	0.32	0.24	0.36	0.06	85.0	Normal	Normal
1707	Prakasam	Donakonda	0.58	0.52	0.64	0.35	79.5	Normal	0.33	0.27	0.41	0.05	77.5	Normal	Normal
1708	Prakasam	Kurichedu	0.62	0.57	0.67	0.45	77.7	Normal	0.38	0.33	0.46	0.20	69.4	Normal	Normal
1709	Prakasam	Darsi	0.64	0.60	0.68	0.53	75.8	Normal	0.43	0.38	0.50	0.22	75.1	Normal	Normal
1710	Prakasam	Mundlamuru	0.64	0.58	0.67	0.52	81.9	Normal	0.44	0.36	0.48	0.25	78.9	Normal	Normal
1711	Prakasam	Thallur	0.64	0.58	0.64	0.50	100.0	Normal	0.43	0.37	0.47	0.24	83.5	Normal	Normal
1712	Prakasam	Podili	0.67	0.57	0.71	0.37	89.8	Normal	0.44	0.30	0.46	0.03	94.9	Normal	Normal
1713	Prakasam	Konakanamitla	0.66	0.51	0.66	0.33	100.0	Normal	0.41	0.23	0.41	-0.02	100.0	Normal	Normal
1714	Prakasam	Tarlupadu	0.60	0.47	0.60	0.33	99.3	Normal	0.35	0.22	0.36	0.06	97.1	Normal	Normal
1715	Prakasam	Cumbum	0.59	0.48	0.59	0.38	100.0	Normal	0.35	0.25	0.36	0.11	93.2	Normal	Normal
1716	Prakasam	Ardhaveedu	0.59	0.49	0.60	0.39	94.4	Normal	0.33	0.24	0.37	0.10	85.6	Normal	Normal
1717	Prakasam	Giddalur	0.59	0.51	0.61	0.39	88.3	Normal	0.33	0.27	0.37	0.11	82.2	Normal	Normal
1718	Prakasam	Racherla	0.57	0.50	0.58	0.36	94.1	Normal	0.30	0.24	0.34	0.07	83.9	Normal	Normal
1719	Prakasam	Komarolu	0.56	0.47	0.56	0.34	98.2	Normal	0.30	0.21	0.32	0.05	91.3	Normal	Normal
1720	Prakasam	Bestawaripeta	0.57	0.50	0.58	0.40	93.4	Normal	0.30	0.24	0.33	0.12	86.5	Normal	Normal
1721	Prakasam	Hanumanthunipadu	0.55	0.46	0.61	0.34	80.3	Normal	0.25	0.16	0.33	0.01	75.4	Normal	Normal
1722	Prakasam	Kanigiri	0.63	0.53	0.63	0.42	99.0	Normal	0.36	0.27	0.37	0.13	97.1	Normal	Normal
1723	Prakasam	Marripudi	0.64	0.55	0.66	0.43	93.0	Normal	0.41	0.31	0.43	0.12	95.1	Normal	Normal
1724	Prakasam	Chimakurthi	0.65	0.57	0.65	0.48	100.0	Normal	0.45	0.36	0.45	0.24	98.1	Normal	Normal
1725	Prakasam	Maddipadu	0.49	0.56	0.71	0.45	17.3	Severe	0.33	0.36	0.53	0.23	33.2	Severe	Severe
1726	Prakasam	Naguluppalapadu	0.55	0.58	0.71	0.47	31.1	Severe	0.39	0.41	0.54	0.25	47.1	Moderate	Severe
1727	Prakasam	Ongole	0.48	0.51	0.59	0.45	26.4	Severe	0.35	0.33	0.44	0.22	61.1	Normal	Severe
1728	Prakasam	Kotha Patnam	0.51	0.48	0.54	0.41	77.2	Normal	0.38	0.27	0.38	0.13	100.0	Normal	Normal
1729	Prakasam	Tangutur	0.49	0.53	0.60	0.45	25.3	Severe	0.31	0.31	0.39	0.20	59.1	Moderate	Severe
1730	Prakasam	Singarayakonda	0.60	0.53	0.60	0.42	100.0	Normal	0.48	0.38	0.48	0.22	100.0	Normal	Normal
1731	Prakasam	Zarugumilli	0.50	0.53	0.62	0.43	35.6	Severe	0.29	0.32	0.42	0.21	39.7	Severe	Severe
1732	Prakasam	Santhanuthala Padu	0.60	0.59	0.65	0.52	59.5	Moderate	0.41	0.38	0.46	0.25	74.4	Normal	Moderate
1733	Prakasam	Kondapi	0.58	0.55	0.60	0.45	89.7	Normal	0.37	0.32	0.39	0.19	91.8	Normal	Normal
1734	Prakasam	Ponnaluru	0.59	0.53	0.59	0.41	100.0	Normal	0.35	0.30	0.35	0.19	100.0	Normal	Normal
1735	Prakasam	Pedacherlo Palle	0.63	0.53	0.65	0.35	92.2	Normal	0.39	0.29	0.39	0.17	97.3	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1736	Prakasam	Pamur	0.59	0.51	0.61	0.33	94.5	Normal	0.34	0.26	0.34	0.14	99.0	Normal	Normal
1737	Prakasam	Chandrasekhara Puram	0.64	0.51	0.64	0.38	100.0	Normal	0.39	0.24	0.41	0.04	95.9	Normal	Normal
1738	Prakasam	Veligandla	0.61	0.50	0.61	0.39	99.5	Normal	0.32	0.22	0.33	0.05	96.1	Normal	Normal
1801	S.P.S.Nellore	Seetharamapuram	0.59	0.49	0.60	0.39	93.5	Normal	0.31	0.22	0.45	0.07	63.8	Normal	Normal
1802	S.P.S.Nellore	Varikuntapadu	0.59	0.50	0.62	0.40	84.7	Normal	0.34	0.25	0.39	0.14	80.9	Normal	Normal
1803	S.P.S.Nellore	Kondapuram	0.57	0.50	0.57	0.41	100.0	Normal	0.35	0.27	0.35	0.13	100.0	Normal	Normal
1804	S.P.S.Nellore	Lingasamudram	0.55	0.51	0.58	0.44	80.1	Normal	0.35	0.29	0.37	0.17	90.8	Normal	Normal
1805	S.P.S.Nellore	Voletivaripalem	0.59	0.53	0.60	0.34	95.0	Normal	0.35	0.31	0.36	0.19	93.8	Normal	Normal
1806	S.P.S.Nellore	Kandukur	0.55	0.53	0.59	0.35	81.4	Normal	0.35	0.35	0.40	0.28	57.5	Moderate	Moderate
1807	S.P.S.Nellore	Ulavapadu	0.56	0.52	0.56	0.50	100.0	Normal	0.41	0.34	0.41	0.28	100.0	Normal	Normal
1808	S.P.S.Nellore	Gudluru	0.50	0.49	0.53	0.44	60.4	Normal	0.33	0.30	0.41	0.23	57.1	Moderate	Moderate
1809	S.P.S.Nellore	Kavali	0.51	0.49	0.59	0.43	50.0	Moderate	0.43	0.35	0.43	0.23	100.0	Normal	Moderate
1810	S.P.S.Nellore	Jaladanki	0.67	0.58	0.68	0.46	94.9	Normal	0.51	0.44	0.52	0.31	96.6	Normal	Normal
1811	S.P.S.Nellore	Kaligiri	0.60	0.54	0.60	0.44	100.0	Normal	0.36	0.30	0.36	0.16	100.0	Normal	Normal
1812	S.P.S.Nellore	Vinjamur	0.62	0.54	0.63	0.41	93.4	Normal	0.36	0.28	0.36	0.14	98.7	Normal	Normal
1813	S.P.S.Nellore	Duttalur	0.62	0.54	0.64	0.42	88.9	Normal	0.37	0.29	0.38	0.10	96.3	Normal	Normal
1814	S.P.S.Nellore	Udayagiri	0.60	0.50	0.60	0.42	98.3	Normal	0.35	0.25	0.41	0.12	80.8	Normal	Normal
1815	S.P.S.Nellore	Marripadu	0.58	0.52	0.59	0.43	93.5	Normal	0.34	0.26	0.37	0.12	87.4	Normal	Normal
1816	S.P.S.Nellore	Ananthasagaram	0.55	0.52	0.57	0.48	78.4	Normal	0.46	0.38	0.46	0.32	100.0	Normal	Normal
1817	S.P.S.Nellore	Atmakur	0.58	0.52	0.58	0.42	100.0	Normal	0.45	0.34	0.45	0.20	100.0	Normal	Normal
1818	S.P.S.Nellore	Anumasamudrampeta	0.59	0.53	0.59	0.42	100.0	Normal	0.43	0.31	0.43	0.12	100.0	Normal	Normal
1819	S.P.S.Nellore	Dagadarthi	0.72	0.57	0.72	0.49	100.0	Normal	0.56	0.49	0.56	0.38	100.0	Normal	Normal
1820	S.P.S.Nellore	Bogole	0.60	0.52	0.60	0.45	100.0	Normal	0.53	0.45	0.53	0.34	100.0	Normal	Normal
1821	S.P.S.Nellore	Allur	0.62	0.49	0.68	0.39	79.8	Normal	0.61	0.57	0.61	0.54	100.0	Normal	Normal
1822	S.P.S.Nellore	Vidavalur	0.53	0.47	0.61	0.38	65.5	Normal	0.55	0.50	0.55	0.46	100.0	Normal	Normal
1823	S.P.S.Nellore	Kodavalur	0.65	0.56	0.72	0.44	76.8	Normal	0.61	0.59	0.61	0.57	100.0	Normal	Normal
1824	S.P.S.Nellore	Buchireddipalem	0.64	0.60	0.69	0.48	74.4	Normal	0.54	0.52	0.56	0.48	76.3	Normal	Normal
1825	S.P.S.Nellore	Sangam	0.58	0.54	0.61	0.47	78.4	Normal	0.55	0.48	0.55	0.39	100.0	Normal	Normal
1826	S.P.S.Nellore	Chejerla	0.57	0.54	0.58	0.46	89.7	Normal	0.43	0.36	0.44	0.19	98.0	Normal	Normal
1827	S.P.S.Nellore	Kaluvoya	0.59	0.54	0.59	0.45	100.0	Normal	0.42	0.34	0.42	0.18	99.2	Normal	Normal
1828	S.P.S.Nellore	Rapur	0.60	0.54	0.60	0.49	100.0	Normal	0.40	0.31	0.40	0.17	100.0	Normal	Normal
1829	S.P.S.Nellore	Sydapuram	0.63	0.57	0.63	0.48	100.0	Normal	0.45	0.38	0.45	0.25	100.0	Normal	Normal
1830	S.P.S.Nellore	Podalakur	0.61	0.56	0.61	0.51	100.0	Normal	0.44	0.38	0.44	0.25	100.0	Normal	Normal
1831	S.P.S.Nellore	Nellore Rural	0.56	0.52	0.57	0.47	86.7	Normal	0.51	0.46	0.51	0.42	100.0	Normal	Normal
1832	S.P.S.Nellore	Nellore Urban	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.35	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1833	S.P.S.Nellore	Kovur	0.64	0.59	0.69	0.48	78.8	Normal	0.55	0.54	0.58	0.48	78.4	Normal	Normal
1834	S.P.S.Nellore	Indukurpet	0.55	0.56	0.60	0.51	45.3	Moderate	0.50	0.50	0.54	0.46	54.9	Moderate	Moderate
1835	S.P.S.Nellore	Thotapalligudur	0.47	0.50	0.57	0.44	21.1	Severe	0.52	0.54	0.57	0.51	16.7	Severe	Severe
1836	S.P.S.Nellore	Muthukur	0.49	0.45	0.52	0.38	78.2	Normal	0.47	0.43	0.47	0.34	96.4	Normal	Normal
1837	S.P.S.Nellore	Venkatachalam	0.53	0.47	0.55	0.39	88.0	Normal	0.55	0.47	0.55	0.34	100.0	Normal	Normal
1838	S.P.S.Nellore	Manubolu	0.56	0.51	0.60	0.42	77.3	Normal	0.58	0.51	0.58	0.40	100.0	Normal	Normal
1901	Kurnool	Kowthalam	0.60	0.52	0.61	0.41	97.0	Normal	0.32	0.27	0.37	0.13	79.0	Normal	Normal
1902	Kurnool	Kosigi	0.50	0.44	0.50	0.35	100.0	Normal	0.20	0.17	0.24	0.08	74.2	Normal	Normal
1903	Kurnool	Mantralayam	0.56	0.46	0.56	0.37	100.0	Normal	0.26	0.19	0.28	0.07	91.4	Normal	Normal
1904	Kurnool	Nandavaram	0.59	0.48	0.59	0.39	100.0	Normal	0.30	0.22	0.32	0.07	92.4	Normal	Normal
1905	Kurnool	C.Belagal	0.58	0.50	0.58	0.44	100.0	Normal	0.30	0.26	0.32	0.17	87.2	Normal	Normal
1906	Kurnool	Kurnool Rural	0.58	0.48	0.58	0.40	100.0	Normal	0.31	0.25	0.32	0.13	93.0	Normal	Normal
1907	Kurnool	Kurnool Urban	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	0.23	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
1908	Kurnool	Orvakal	0.54	0.45	0.55	0.35	94.0	Normal	0.24	0.21	0.29	0.09	72.9	Normal	Normal
1909	Kurnool	Kallur	0.59	0.46	0.59	0.36	100.0	Normal	0.30	0.22	0.33	0.07	90.0	Normal	Normal
1910	Kurnool	Gudur	0.56	0.57	0.62	0.49	53.4	Moderate	0.24	0.40	0.45	0.24	0.0	Severe	Severe
1911	Kurnool	Kodumur	0.54	0.44	0.56	0.34	93.5	Normal	0.23	0.17	0.28	0.04	79.5	Normal	Normal
1912	Kurnool	Gonegandla	0.56	0.47	0.56	0.40	100.0	Normal	0.27	0.20	0.27	0.10	100.0	Normal	Normal
1913	Kurnool	Yemmiganur	0.54	0.46	0.54	0.35	100.0	Normal	0.24	0.19	0.26	0.05	91.5	Normal	Normal
1914	Kurnool	Pedda Kadubur	0.57	0.48	0.57	0.38	100.0	Normal	0.30	0.23	0.30	0.10	100.0	Normal	Normal
1915	Kurnool	Adoni	0.55	0.47	0.58	0.35	86.7	Normal	0.25	0.21	0.32	0.04	74.8	Normal	Normal
1916	Kurnool	Aspari	0.57	0.42	0.57	0.30	100.0	Normal	0.26	0.14	0.26	-0.06	100.0	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
1917	Kurnool	Devanakonda	0.46	0.38	0.48	0.31	91.5	Normal	0.12	0.09	0.18	0.00	70.3	Normal	Normal
1918	Kurnool	Krishnagiri	0.46	0.39	0.49	0.33	83.3	Normal	0.13	0.11	0.19	0.03	59.8	Moderate	Moderate
1919	Kurnool	Veldurthi	0.52	0.54	0.63	0.40	51.1	Moderate	0.20	0.29	0.39	0.10	32.9	Severe	Severe
1920	Kurnool	Tuggali	0.43	0.38	0.49	0.29	72.8	Normal	0.07	0.08	0.18	-0.03	48.5	Moderate	Moderate
1921	Kurnool	Pattikonda	0.54	0.41	0.54	0.34	100.0	Normal	0.22	0.13	0.25	0.02	87.4	Normal	Normal
1922	Kurnool	Alur	0.59	0.43	0.59	0.30	100.0	Normal	0.30	0.16	0.30	-0.06	100.0	Normal	Normal
1923	Kurnool	Holagunda	0.53	0.46	0.58	0.40	72.2	Normal	0.26	0.21	0.33	0.11	64.7	Normal	Normal
1924	Kurnool	Halaharvi	0.58	0.49	0.60	0.40	87.2	Normal	0.31	0.24	0.36	0.11	77.6	Normal	Normal
1925	Kurnool	Chippagiri	0.65	0.49	0.65	0.36	100.0	Normal	0.42	0.24	0.43	0.05	95.9	Normal	Normal
1926	Kurnool	Maddikera (East)	0.62	0.45	0.62	0.34	100.0	Normal	0.38	0.21	0.38	0.02	99.2	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	0.57	0.52	0.57	0.42	99.4	Normal	0.32	0.34	0.40	0.20	62.7	Normal	Normal
2003	Nandyal	Kothapalle	0.49	0.42	0.50	0.37	91.3	Normal	0.26	0.36	0.48	0.25	0.4	Severe	Severe
2004	Nandyal	Pagidyala	0.54	0.53	0.59	0.45	66.4	Normal	0.33	0.39	0.45	0.30	20.1	Severe	Severe
2005	Nandyal	Nandikotkur	0.58	0.51	0.58	0.47	100.0	Normal	0.35	0.34	0.38	0.28	69.5	Normal	Normal
2006	Nandyal	Jupadu Bungalow	0.58	0.51	0.58	0.44	100.0	Normal	0.32	0.31	0.35	0.21	76.6	Normal	Normal
2007	Nandyal	Pamulapadu	0.64	0.56	0.64	0.49	100.0	Normal	0.42	0.36	0.42	0.29	100.0	Normal	Normal
2008	Nandyal	Midthur	0.62	0.51	0.62	0.38	100.0	Normal	0.36	0.30	0.38	0.13	90.3	Normal	Normal
2009	Nandyal	Gadivemula	0.61	0.53	0.61	0.47	100.0	Normal	0.38	0.34	0.38	0.29	100.0	Normal	Normal
2010	Nandyal	Velgode	0.59	0.53	0.60	0.47	90.2	Normal	0.44	0.40	0.46	0.28	90.6	Normal	Normal
2011	Nandyal	Bandi Atmakur	0.45	0.46	0.56	0.41	29.5	Severe	0.49	0.38	0.49	0.31	100.0	Normal	Severe
2012	Nandyal	Mahanandi	0.55	0.51	0.56	0.48	88.0	Normal	0.48	0.39	0.48	0.34	100.0	Normal	Normal
2013	Nandyal	Nandyal	0.62	0.56	0.62	0.52	97.0	Normal	0.51	0.43	0.51	0.40	100.0	Normal	Normal
2014	Nandyal	Panyam	0.55	0.50	0.55	0.42	100.0	Normal	0.33	0.30	0.35	0.21	87.3	Normal	Normal
2015	Nandyal	Bethamcherla	0.50	0.45	0.56	0.36	70.6	Normal	0.17	0.19	0.28	0.08	43.8	Moderate	Moderate
2016	Nandyal	Banaganapalle	0.56	0.48	0.56	0.41	100.0	Normal	0.32	0.28	0.33	0.19	92.8	Normal	Normal
2017	Nandyal	Gospadu	0.67	0.61	0.71	0.56	71.3	Normal	0.54	0.48	0.57	0.40	84.5	Normal	Normal
2018	Nandyal	Sirvel	0.53	0.51	0.60	0.45	54.5	Moderate	0.39	0.36	0.47	0.26	61.1	Normal	Moderate
2019	Nandyal	Rudravaram	0.57	0.55	0.59	0.50	76.1	Normal	0.41	0.38	0.44	0.30	77.2	Normal	Normal
2020	Nandyal	Chagalamarri	0.58	0.55	0.60	0.48	83.3	Normal	0.35	0.33	0.41	0.21	69.5	Normal	Normal
2021	Nandyal	Allagadda	0.66	0.60	0.67	0.56	98.1	Normal	0.48	0.43	0.50	0.37	90.6	Normal	Normal
2022	Nandyal	Dornipadu	0.77	0.67	0.77	0.56	100.0	Normal	0.62	0.54	0.63	0.40	97.4	Normal	Normal
2023	Nandyal	Koilkuntla	0.72	0.59	0.72	0.48	100.0	Normal	0.55	0.43	0.55	0.26	100.0	Normal	Normal
2024	Nandyal	Uyyalawada	0.74	0.62	0.74	0.43	99.0	Normal	0.58	0.46	0.58	0.16	100.0	Normal	Normal
2025	Nandyal	Sanjamala	0.68	0.57	0.68	0.49	98.4	Normal	0.47	0.37	0.47	0.25	99.1	Normal	Normal
2026	Nandyal	Kolimigundla	0.54	0.43	0.58	0.34	80.9	Normal	0.28	0.19	0.34	0.04	81.2	Normal	Normal
2027	Nandyal	Owk	0.51	0.46	0.53	0.39	85.5	Normal	0.26	0.25	0.32	0.14	68.0	Normal	Normal
2028	Nandyal	Peapally	0.47	0.41	0.52	0.32	75.5	Normal	0.14	0.13	0.22	0.03	57.2	Moderate	Moderate
2029	Nandyal	Dhone	0.46	0.41	0.52	0.33	70.8	Normal	0.12	0.12	0.23	0.02	45.6	Moderate	Moderate
2101	Anantapuramu	D.Hirehal	0.44	0.34	0.44	0.26	100.0	Normal	0.13	0.05	0.13	-0.06	100.0	Normal	Normal
2102	Anantapuramu	Bommanahal	0.54	0.47	0.54	0.41	100.0	Normal	0.31	0.24	0.32	0.18	91.1	Normal	Normal
2103	Anantapuramu	Vidapanakal	0.69	0.53	0.69	0.45	100.0	Normal	0.47	0.30	0.47	0.16	100.0	Normal	Normal
2104	Anantapuramu	Vajrakarur	0.57	0.42	0.57	0.33	100.0	Normal	0.29	0.14	0.29	0.00	100.0	Normal	Normal
2105	Anantapuramu	Guntakal	0.46	0.37	0.49	0.31	83.8	Normal	0.16	0.10	0.21	0.01	74.5	Normal	Normal
2106	Anantapuramu	Gooty	0.41	0.37	0.48	0.30	64.1	Normal	0.08	0.09	0.19	-0.01	44.0	Moderate	Moderate
2107	Anantapuramu	Peddavadugur	0.48	0.45	0.56	0.34	62.3	Normal	0.15	0.18	0.29	0.07	37.1	Severe	Severe
2108	Anantapuramu	Yadiki	0.48	0.40	0.52	0.32	77.2	Normal	0.17	0.15	0.26	0.05	55.1	Moderate	Moderate
2109	Anantapuramu	Tadpatri	0.53	0.41	0.58	0.32	78.9	Normal	0.27	0.17	0.33	0.04	80.1	Normal	Normal
2110	Anantapuramu	Peddapappur	0.55	0.46	0.58	0.40	81.3	Normal	0.29	0.21	0.32	0.11	85.7	Normal	Normal
2111	Anantapuramu	Singanamala	0.48	0.39	0.51	0.31	87.6	Normal	0.21	0.12	0.23	0.03	86.1	Normal	Normal
2112	Anantapuramu	Pamidi	0.46	0.42	0.50	0.32	74.2	Normal	0.14	0.14	0.22	0.02	62.6	Normal	Normal
2113	Anantapuramu	Garladinne	0.48	0.41	0.49	0.34	92.4	Normal	0.18	0.13	0.20	0.05	82.7	Normal	Normal
2114	Anantapuramu	Kudair	0.43	0.35	0.45	0.27	90.4	Normal	0.12	0.06	0.16	-0.04	78.8	Normal	Normal
2115	Anantapuramu	Uravakonda	0.63	0.43	0.63	0.35	100.0	Normal	0.39	0.17	0.39	0.02	100.0	Normal	Normal
2116	Anantapuramu	Kanekal	0.56	0.42	0.56	0.33	100.0	Normal	0.33	0.14	0.33	-0.01	100.0	Normal	Normal
2117	Anantapuramu	Rayadurg	0.41	0.31	0.41	0.24	100.0	Normal	0.08	0.00	0.08	-0.10	100.0	Normal	Normal
2118	Anantapuramu	Gummagatta	0.39	0.31	0.40	0.24	93.6	Normal	0.05	-0.01	0.07	-0.11	89.7	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
2119	Anantapuramu	Brahmasamudram	0.40	0.32	0.42	0.25	90.1	Normal	0.05	0.00	0.09	-0.10	78.2	Normal	Normal
2120	Anantapuramu	Settur	0.43	0.34	0.44	0.27	91.4	Normal	0.08	0.03	0.13	-0.06	77.1	Normal	Normal
2121	Anantapuramu	Kundurpi	0.42	0.35	0.44	0.26	87.2	Normal	0.09	0.05	0.14	-0.07	78.1	Normal	Normal
2122	Anantapuramu	Kambadur	0.42	0.34	0.47	0.25	75.7	Normal	0.10	0.06	0.18	-0.07	65.7	Normal	Normal
2123	Anantapuramu	Kalyandurg	0.42	0.34	0.46	0.25	82.7	Normal	0.10	0.05	0.16	-0.07	74.6	Normal	Normal
2124	Anantapuramu	Beluguppa	0.55	0.40	0.55	0.28	100.0	Normal	0.27	0.11	0.27	-0.09	100.0	Normal	Normal
2125	Anantapuramu	Atmakur	0.43	0.52	0.57	0.42	9.6	Severe	0.12	0.34	0.40	0.12	0.0	Severe	Severe
2126	Anantapuramu	Raptadu	0.44	0.35	0.49	0.25	78.0	Normal	0.12	0.05	0.20	-0.09	72.7	Normal	Normal
2127	Anantapuramu	Anantapuramu	0.45	0.36	0.49	0.28	83.2	Normal	0.15	0.08	0.20	-0.04	79.5	Normal	Normal
2128	Anantapuramu	Bukkaraya Samudram	0.52	0.45	0.54	0.36	87.2	Normal	0.25	0.19	0.28	0.06	83.7	Normal	Normal
2129	Anantapuramu	Narpala	0.56	0.48	0.59	0.37	86.5	Normal	0.29	0.22	0.33	0.08	82.0	Normal	Normal
2130	Anantapuramu	Putlur	0.62	0.47	0.67	0.36	84.0	Normal	0.38	0.23	0.44	0.05	84.9	Normal	Normal
2131	Anantapuramu	Yellanur	0.53	0.43	0.53	0.32	96.2	Normal	0.28	0.19	0.30	0.05	92.7	Normal	Normal
2201	Sri Satyasai	Tadimarri	0.49	0.40	0.54	0.29	79.4	Normal	0.23	0.13	0.28	-0.02	83.4	Normal	Normal
2202	Sri Satyasai	Mudigubba	0.50	0.41	0.54	0.31	82.8	Normal	0.22	0.13	0.28	-0.03	80.7	Normal	Normal
2203	Sri Satyasai	Bathalapalle	0.49	0.37	0.53	0.25	87.7	Normal	0.19	0.09	0.24	-0.08	84.0	Normal	Normal
2204	Sri Satyasai	Dharmavaram	0.48	0.38	0.53	0.26	82.1	Normal	0.19	0.10	0.27	-0.06	78.2	Normal	Normal
2205	Sri Satyasai	Kanaganapalle	0.43	0.35	0.48	0.24	79.7	Normal	0.11	0.06	0.19	-0.09	73.0	Normal	Normal
2206	Sri Satyasai	Ramagiri	0.44	0.37	0.50	0.25	77.3	Normal	0.13	0.08	0.21	-0.09	73.3	Normal	Normal
2207	Sri Satyasai	Chennekothapalle	0.48	0.37	0.50	0.25	90.9	Normal	0.18	0.08	0.23	-0.08	85.3	Normal	Normal
2208	Sri Satyasai	Bukkapatnam	0.51	0.42	0.52	0.32	96.4	Normal	0.23	0.14	0.25	0.01	94.4	Normal	Normal
2209	Sri Satyasai	Nallamada	0.50	0.40	0.51	0.31	93.9	Normal	0.19	0.11	0.24	0.01	77.6	Normal	Normal
2210	Sri Satyasai	Kadiri	0.50	0.41	0.52	0.32	89.9	Normal	0.20	0.13	0.26	0.03	74.9	Normal	Normal
2211	Sri Satyasai	Talupula	0.51	0.44	0.57	0.32	77.6	Normal	0.22	0.17	0.34	0.03	61.5	Normal	Normal
2212	Sri Satyasai	Nambulipulikunta	0.51	0.43	0.54	0.28	88.0	Normal	0.20	0.15	0.30	-0.02	67.5	Normal	Normal
2213	Sri Satyasai	Gandlapenta	0.54	0.45	0.57	0.31	87.4	Normal	0.24	0.17	0.33	0.03	71.8	Normal	Normal
2214	Sri Satyasai	Nallacheruvu	0.51	0.41	0.54	0.31	86.0	Normal	0.21	0.13	0.28	-0.02	77.3	Normal	Normal
2215	Sri Satyasai	Tanakal	0.51	0.42	0.55	0.30	84.0	Normal	0.20	0.12	0.27	-0.02	76.6	Normal	Normal
2216	Sri Satyasai	Amadagur	0.48	0.39	0.53	0.30	80.1	Normal	0.18	0.11	0.27	-0.01	68.7	Normal	Normal
2217	Sri Satyasai	Obuladevaracheruvu	0.48	0.39	0.51	0.31	86.4	Normal	0.17	0.11	0.24	-0.01	73.2	Normal	Normal
2218	Sri Satyasai	Puttaparthi	0.48	0.40	0.50	0.30	88.4	Normal	0.18	0.12	0.22	-0.01	83.5	Normal	Normal
2219	Sri Satyasai	Kothacheruvu	0.50	0.39	0.51	0.28	95.7	Normal	0.21	0.10	0.23	-0.05	93.0	Normal	Normal
2220	Sri Satyasai	Penukonda	0.47	0.38	0.49	0.26	88.6	Normal	0.18	0.10	0.22	-0.04	82.1	Normal	Normal
2221	Sri Satyasai	Roddam	0.46	0.39	0.50	0.29	77.4	Normal	0.14	0.10	0.20	-0.07	77.0	Normal	Normal
2222	Sri Satyasai	Amarapuram	0.44	0.37	0.46	0.30	85.9	Normal	0.11	0.07	0.15	-0.06	78.8	Normal	Normal
2223	Sri Satyasai	Gudibanda	0.44	0.38	0.47	0.30	81.8	Normal	0.11	0.10	0.18	0.00	62.9	Normal	Normal
2224	Sri Satyasai	Rolla	0.45	0.38	0.48	0.28	83.8	Normal	0.11	0.09	0.19	-0.03	67.6	Normal	Normal
2225	Sri Satyasai	Agali	0.46	0.42	0.52	0.33	69.2	Normal	0.12	0.11	0.22	-0.04	62.1	Normal	Normal
2226	Sri Satyasai	Madakasira	0.45	0.39	0.48	0.29	83.9	Normal	0.13	0.10	0.18	-0.04	77.1	Normal	Normal
2227	Sri Satyasai	Parigi	0.46	0.42	0.53	0.30	69.0	Normal	0.17	0.13	0.24	-0.06	76.3	Normal	Normal
2228	Sri Satyasai	Hindupur	0.49	0.41	0.51	0.31	88.9	Normal	0.20	0.13	0.23	-0.01	86.1	Normal	Normal
2229	Sri Satyasai	Somandepalle	0.46	0.39	0.51	0.31	75.4	Normal	0.15	0.11	0.23	-0.02	66.5	Normal	Normal
2230	Sri Satyasai	Gorantla	0.49	0.39	0.52	0.27	85.4	Normal	0.17	0.09	0.24	-0.05	76.0	Normal	Normal
2231	Sri Satyasai	Chilamathur	0.49	0.41	0.52	0.29	87.0	Normal	0.18	0.10	0.23	-0.05	83.8	Normal	Normal
2232	Sri Satyasai	Lepakshi	0.51	0.42	0.53	0.33	90.9	Normal	0.20	0.13	0.24	-0.03	85.5	Normal	Normal
2301	Y.S.R.Kadapa	Kalasapadu	0.50	0.45	0.53	0.36	82.6	Normal	0.25	0.22	0.36	0.06	65.1	Normal	Normal
2302	Y.S.R.Kadapa	Porumamilla	0.51	0.44	0.52	0.35	90.9	Normal	0.26	0.19	0.35	0.04	70.0	Normal	Normal
2303	Y.S.R.Kadapa	Sri Avadhutha Kasinayana	0.53	0.45	0.56	0.39	86.1	Normal	0.30	0.24	0.37	0.13	70.2	Normal	Normal
2304	Y.S.R.Kadapa	S.Mydukur	0.60	0.55	0.60	0.49	100.0	Normal	0.36	0.33	0.38	0.25	85.0	Normal	Normal
2305	Y.S.R.Kadapa	Brahmamgarimattam	0.52	0.44	0.55	0.34	88.1	Normal	0.31	0.24	0.33	0.16	87.8	Normal	Normal
2306	Y.S.R.Kadapa	B.Kodur	0.51	0.46	0.55	0.38	76.3	Normal	0.32	0.25	0.37	0.13	78.2	Normal	Normal
2307	Y.S.R.Kadapa	Gopavaram	0.53	0.47	0.58	0.38	74.7	Normal	0.33	0.23	0.43	0.08	72.7	Normal	Normal
2308	Y.S.R.Kadapa	Badvel	0.56	0.50	0.58	0.40	85.9	Normal	0.38	0.28	0.41	0.13	89.6	Normal	Normal
2309	Y.S.R.Kadapa	Atlur	0.58	0.50	0.62	0.37	85.5	Normal	0.35	0.26	0.42	0.08	81.2	Normal	Normal
2310	Y.S.R.Kadapa	Vontimitta	0.55	0.48	0.56	0.40	90.0	Normal	0.36	0.28	0.43	0.14	78.4	Normal	Normal
2311	Y.S.R.Kadapa	Sidhout	0.54	0.47	0.54	0.40	100.0	Normal	0.32	0.23	0.33	0.13	99.0	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
2312	Y.S.R.Kadapa	Khajipet	0.63	0.57	0.63	0.51	100.0	Normal	0.45	0.40	0.48	0.30	84.8	Normal	Normal
2313	Y.S.R.Kadapa	Chennur	0.52	0.54	0.61	0.48	33.6	Severe	0.42	0.38	0.47	0.31	67.5	Normal	Severe
2314	Y.S.R.Kadapa	Y.S.R.Kadapa	0.55	0.53	0.60	0.47	61.6	Normal	0.35	0.34	0.42	0.27	54.8	Moderate	Moderate
2315	Y.S.R.Kadapa	Chinthakommadinne	0.55	0.50	0.56	0.39	95.8	Normal	0.31	0.26	0.32	0.11	93.5	Normal	Normal
2316	Y.S.R.Kadapa	Pendlimarri	0.56	0.49	0.56	0.42	100.0	Normal	0.31	0.25	0.32	0.16	91.4	Normal	Normal
2317	Y.S.R.Kadapa	Chakrayapet	0.49	0.44	0.56	0.33	72.9	Normal	0.20	0.16	0.31	0.02	62.1	Normal	Normal
2318	Y.S.R.Kadapa	Vemula	0.57	0.48	0.57	0.41	100.0	Normal	0.31	0.23	0.36	0.10	81.4	Normal	Normal
2319	Y.S.R.Kadapa	Vempalle	0.56	0.49	0.56	0.41	97.4	Normal	0.31	0.24	0.34	0.14	85.6	Normal	Normal
2320	Y.S.R.Kadapa	Veerapunayunipalle	0.56	0.45	0.56	0.35	100.0	Normal	0.34	0.22	0.36	0.08	94.2	Normal	Normal
2321	Y.S.R.Kadapa	Vallur	0.61	0.50	0.61	0.40	100.0	Normal	0.40	0.28	0.40	0.13	100.0	Normal	Normal
2322	Y.S.R.Kadapa	Kamalapuram	0.66	0.53	0.66	0.40	100.0	Normal	0.46	0.30	0.46	0.07	100.0	Normal	Normal
2323	Y.S.R.Kadapa	Chapad	0.55	0.54	0.64	0.43	55.3	Moderate	0.38	0.39	0.54	0.21	53.0	Moderate	Moderate
2324	Y.S.R.Kadapa	Duvvur	0.66	0.61	0.70	0.52	78.1	Normal	0.48	0.44	0.55	0.31	71.5	Normal	Normal
2325	Y.S.R.Kadapa	Rajupalem	0.75	0.54	0.75	0.48	100.0	Normal	0.58	0.32	0.58	0.21	100.0	Normal	Normal
2326	Y.S.R.Kadapa	Proddatur	0.62	0.52	0.62	0.42	100.0	Normal	0.44	0.32	0.44	0.16	100.0	Normal	Normal
2327	Y.S.R.Kadapa	Yerraguntla	0.61	0.47	0.61	0.33	100.0	Normal	0.41	0.24	0.41	0.03	100.0	Normal	Normal
2328	Y.S.R.Kadapa	Muddanur	0.46	0.40	0.49	0.31	80.8	Normal	0.22	0.17	0.28	0.01	74.9	Normal	Normal
2329	Y.S.R.Kadapa	Thondur	0.52	0.42	0.52	0.33	100.0	Normal	0.27	0.19	0.33	0.05	78.3	Normal	Normal
2330	Y.S.R.Kadapa	Pulivendla	0.56	0.47	0.56	0.41	100.0	Normal	0.31	0.22	0.31	0.12	100.0	Normal	Normal
2331	Y.S.R.Kadapa	Lingala	0.55	0.48	0.57	0.37	90.7	Normal	0.31	0.23	0.32	0.08	93.1	Normal	Normal
2332	Y.S.R.Kadapa	Simhadripuram	0.52	0.44	0.55	0.33	85.8	Normal	0.29	0.23	0.36	0.08	75.6	Normal	Normal
2333	Y.S.R.Kadapa	Kondapuram	0.41	0.50	0.57	0.41	0.0	Severe	0.31	0.27	0.34	0.13	86.8	Normal	Severe
2334	Y.S.R.Kadapa	Mylavaram	0.62	0.55	0.62	0.52	100.0	Normal	0.35	0.34	0.38	0.29	65.3	Normal	Normal
2335	Y.S.R.Kadapa	Jammalamadugu	0.60	0.47	0.60	0.38	100.0	Normal	0.38	0.24	0.39	0.12	99.3	Normal	Normal
2336	Y.S.R.Kadapa	Peddamudium	0.74	0.59	0.74	0.43	100.0	Normal	0.55	0.39	0.55	0.14	100.0	Normal	Normal
2401	Annamayya	Nandalur	0.51	0.43	0.51	0.37	100.0	Normal	0.35	0.22	0.35	0.12	100.0	Normal	Normal
2402	Annamayya	Penagalur	0.58	0.52	0.60	0.47	89.0	Normal	0.37	0.27	0.40	0.17	87.9	Normal	Normal
2403	Annamayya	Chitvel	0.59	0.52	0.59	0.48	100.0	Normal	0.39	0.28	0.39	0.19	100.0	Normal	Normal
2404	Annamayya	Kodur	0.63	0.56	0.63	0.54	100.0	Normal	0.44	0.33	0.44	0.28	100.0	Normal	Normal
2405	Annamayya	Obulavaripalle	0.61	0.53	0.61	0.50	100.0	Normal	0.39	0.29	0.39	0.22	100.0	Normal	Normal
2406	Annamayya	Pullampeta	0.67	0.57	0.67	0.52	100.0	Normal	0.45	0.32	0.45	0.22	100.0	Normal	Normal
2407	Annamayya	Rajampet	0.61	0.52	0.61	0.45	100.0	Normal	0.40	0.28	0.40	0.16	100.0	Normal	Normal
2408	Annamayya	Veeraballe	0.52	0.43	0.52	0.30	97.8	Normal	0.25	0.16	0.31	-0.02	81.3	Normal	Normal
2409	Annamayya	Ramapuram	0.51	0.44	0.54	0.28	89.7	Normal	0.23	0.17	0.31	-0.04	75.3	Normal	Normal
2410	Annamayya	Lakkireddipalle	0.51	0.44	0.55	0.31	82.4	Normal	0.21	0.17	0.32	-0.01	67.9	Normal	Normal
2411	Annamayya	Galiveedu	0.52	0.44	0.54	0.29	93.0	Normal	0.23	0.17	0.27	0.01	84.3	Normal	Normal
2412	Annamayya	Rayachoti	0.50	0.43	0.52	0.31	91.0	Normal	0.22	0.16	0.29	0.00	75.9	Normal	Normal
2413	Annamayya	T Sundupalle	0.53	0.45	0.53	0.33	96.5	Normal	0.27	0.19	0.31	0.01	85.8	Normal	Normal
2414	Annamayya	Kambhamvaripalle	0.54	0.46	0.54	0.35	97.9	Normal	0.27	0.18	0.30	0.03	88.0	Normal	Normal
2415	Annamayya	Sambepalle	0.53	0.44	0.54	0.32	95.3	Normal	0.24	0.16	0.29	0.01	82.6	Normal	Normal
2416	Annamayya	Chinnamandem	0.51	0.44	0.52	0.34	90.2	Normal	0.24	0.18	0.31	0.05	73.5	Normal	Normal
2417	Annamayya	Peddamandyam	0.51	0.43	0.52	0.30	94.5	Normal	0.22	0.15	0.27	-0.01	81.4	Normal	Normal
2418	Annamayya	Thamballapalle	0.53	0.46	0.57	0.32	86.8	Normal	0.24	0.17	0.32	0.00	73.3	Normal	Normal
2419	Annamayya	Mulakalacheruvu	0.51	0.44	0.55	0.31	82.9	Normal	0.21	0.14	0.29	0.00	73.0	Normal	Normal
2420	Annamayya	Pedda Thippasamudram	0.50	0.42	0.54	0.30	81.1	Normal	0.19	0.13	0.28	-0.01	70.0	Normal	Normal
2421	Annamayya	B.Kothakota	0.53	0.45	0.55	0.31	91.2	Normal	0.23	0.15	0.27	-0.01	85.8	Normal	Normal
2422	Annamayya	Kurabalakota	0.54	0.48	0.57	0.37	81.5	Normal	0.24	0.19	0.31	0.05	75.0	Normal	Normal
2423	Annamayya	Gurramkonda	0.52	0.46	0.55	0.34	84.2	Normal	0.23	0.18	0.32	0.03	69.3	Normal	Normal
2424	Annamayya	Kalakada	0.53	0.45	0.56	0.35	85.8	Normal	0.25	0.18	0.34	0.05	66.6	Normal	Normal
2425	Annamayya	Pileru	0.55	0.49	0.57	0.41	88.0	Normal	0.28	0.20	0.31	0.08	87.0	Normal	Normal
2426	Annamayya	Kalikiri	0.53	0.46	0.56	0.37	85.3	Normal	0.26	0.19	0.32	0.07	75.6	Normal	Normal
2427	Annamayya	Vayalpad	0.53	0.46	0.57	0.35	82.4	Normal	0.24	0.18	0.32	0.03	73.1	Normal	Normal
2428	Annamayya	Nimmanapalle	0.53	0.47	0.55	0.37	88.5	Normal	0.26	0.19	0.29	0.06	87.9	Normal	Normal
2429	Annamayya	Madanapalle	0.56	0.50	0.58	0.40	85.6	Normal	0.28	0.22	0.31	0.08	85.8	Normal	Normal
2430	Annamayya	Ramasamudram	0.55	0.48	0.55	0.40	97.5	Normal	0.29	0.19	0.29	0.07	96.5	Normal	Normal
2501	Chittoor	Rompicherla	0.55	0.61	0.73	0.51	18.4	Severe	0.29	0.44	0.65	0.27	3.8	Severe	Severe
2502	Chittoor	Pulicherla	0.57	0.52	0.59	0.47	80.0	Normal	0.31	0.24	0.33	0.16	85.5	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
2503	Chittoor	Sodam	0.52	0.48	0.56	0.41	75.8	Normal	0.27	0.21	0.30	0.10	84.3	Normal	Normal
2504	Chittoor	Irala	0.61	0.55	0.62	0.49	96.9	Normal	0.37	0.29	0.38	0.18	96.0	Normal	Normal
2505	Chittoor	Puthalapattu	0.61	0.55	0.61	0.50	100.0	Normal	0.37	0.29	0.37	0.19	100.0	Normal	Normal
2506	Chittoor	Penumuru	0.60	0.55	0.60	0.50	96.9	Normal	0.36	0.30	0.37	0.22	95.1	Normal	Normal
2507	Chittoor	Vedurukuppam	0.57	0.54	0.58	0.49	91.2	Normal	0.33	0.28	0.33	0.20	98.4	Normal	Normal
2508	Chittoor	Karvetinagar	0.61	0.58	0.61	0.54	94.6	Normal	0.37	0.33	0.38	0.26	91.0	Normal	Normal
2509	Chittoor	Nindra	0.62	0.60	0.63	0.52	87.9	Normal	0.39	0.35	0.39	0.24	100.0	Normal	Normal
2510	Chittoor	Vijayapuram	0.65	0.58	0.65	0.53	100.0	Normal	0.45	0.36	0.45	0.25	100.0	Normal	Normal
2511	Chittoor	Nagari	0.58	0.56	0.61	0.51	70.2	Normal	0.36	0.32	0.37	0.23	90.7	Normal	Normal
2512	Chittoor	Srirangarajapuram	0.59	0.54	0.59	0.50	92.9	Normal	0.35	0.30	0.35	0.22	100.0	Normal	Normal
2513	Chittoor	Palasamudram	0.61	0.57	0.61	0.53	97.5	Normal	0.39	0.35	0.40	0.27	96.3	Normal	Normal
2514	Chittoor	Gangadharanellore	0.61	0.57	0.62	0.53	87.2	Normal	0.38	0.32	0.38	0.24	100.0	Normal	Normal
2515	Chittoor	Gudipala	0.63	0.59	0.64	0.55	93.0	Normal	0.40	0.35	0.41	0.28	92.8	Normal	Normal
2516	Chittoor	Chittoor	0.62	0.57	0.62	0.53	96.6	Normal	0.38	0.31	0.39	0.25	93.6	Normal	Normal
2517	Chittoor	Yadamarri	0.64	0.58	0.64	0.54	100.0	Normal	0.40	0.32	0.40	0.23	100.0	Normal	Normal
2518	Chittoor	Thavanampalle	0.64	0.58	0.64	0.53	97.2	Normal	0.40	0.32	0.41	0.23	96.6	Normal	Normal
2519	Chittoor	Somala	0.56	0.52	0.60	0.48	68.6	Normal	0.31	0.26	0.35	0.18	77.4	Normal	Normal
2520	Chittoor	Chowdepalle	0.54	0.48	0.56	0.39	88.8	Normal	0.28	0.21	0.31	0.06	90.2	Normal	Normal
2521	Chittoor	Punganur	0.54	0.47	0.56	0.37	90.2	Normal	0.28	0.19	0.29	0.04	94.7	Normal	Normal
2522	Chittoor	Peddapanjani	0.55	0.48	0.56	0.39	95.5	Normal	0.30	0.20	0.32	0.06	93.4	Normal	Normal
2523	Chittoor	Gangavaram	0.57	0.64	0.69	0.57	0.0	Severe	0.32	0.42	0.49	0.32	0.0	Severe	Severe
2524	Chittoor	Bangarupalem	0.62	0.56	0.64	0.50	89.1	Normal	0.38	0.30	0.39	0.22	92.1	Normal	Normal
2525	Chittoor	Palamaner	0.59	0.52	0.59	0.45	100.0	Normal	0.35	0.24	0.35	0.14	100.0	Normal	Normal
2526	Chittoor	Baireddipalle	0.56	0.49	0.56	0.40	100.0	Normal	0.29	0.20	0.29	0.07	98.2	Normal	Normal
2527	Chittoor	Venkatagirikota	0.58	0.51	0.58	0.43	98.6	Normal	0.31	0.22	0.31	0.11	100.0	Normal	Normal
2528	Chittoor	Ramakuppam	0.59	0.51	0.59	0.45	100.0	Normal	0.35	0.23	0.35	0.14	100.0	Normal	Normal
2529	Chittoor	Santhipuram	0.56	0.49	0.58	0.40	90.9	Normal	0.28	0.20	0.31	0.09	84.6	Normal	Normal
2530	Chittoor	Gudupalle	0.60	0.51	0.61	0.41	94.9	Normal	0.34	0.21	0.35	0.08	94.5	Normal	Normal
2531	Chittoor	Kuppam	0.61	0.52	0.61	0.44	100.0	Normal	0.38	0.24	0.38	0.13	100.0	Normal	Normal
2601	Tirupati	Dakkili	0.59	0.54	0.60	0.50	95.9	Normal	0.49	0.37	0.49	0.27	100.0	Normal	Normal
2602	Tirupati	Balayapalle	0.61	0.49	0.61	0.39	100.0	Normal	0.46	0.31	0.46	0.17	100.0	Normal	Normal
2603	Tirupati	Gudur	0.62	0.57	0.62	0.49	97.7	Normal	0.46	0.40	0.46	0.31	100.0	Normal	Normal
2604	Tirupati	Chillakur	0.54	0.46	0.54	0.42	100.0	Normal	0.42	0.32	0.42	0.17	100.0	Normal	Normal
2605	Tirupati	Kota	0.62	0.51	0.62	0.46	100.0	Normal	0.49	0.38	0.49	0.22	100.0	Normal	Normal
2606	Tirupati	Ojili	0.66	0.54	0.66	0.47	100.0	Normal	0.48	0.37	0.48	0.21	100.0	Normal	Normal
2607	Tirupati	Naidupet	0.73	0.60	0.73	0.48	100.0	Normal	0.55	0.44	0.55	0.23	100.0	Normal	Normal
2608	Tirupati	Chittamur	0.73	0.60	0.73	0.45	100.0	Normal	0.60	0.50	0.60	0.30	100.0	Normal	Normal
2609	Tirupati	Vakadu	0.63	0.54	0.63	0.42	100.0	Normal	0.53	0.43	0.53	0.33	100.0	Normal	Normal
2610	Tirupati	Sullurpeta	0.67	0.58	0.67	0.42	99.6	Normal	0.55	0.46	0.55	0.26	100.0	Normal	Normal
2611	Tirupati	Doravarisatram	0.72	0.61	0.73	0.41	97.2	Normal	0.57	0.45	0.57	0.19	100.0	Normal	Normal
2612	Tirupati	Pellakur	0.76	0.62	0.76	0.42	100.0	Normal	0.57	0.46	0.57	0.17	100.0	Normal	Normal
2613	Tirupati	Thottambedu	0.68	0.58	0.68	0.48	100.0	Normal	0.50	0.40	0.50	0.25	100.0	Normal	Normal
2614	Tirupati	Venkatagiri	0.60	0.54	0.60	0.47	99.2	Normal	0.48	0.35	0.48	0.18	100.0	Normal	Normal
2615	Tirupati	Srikalahasti	0.59	0.54	0.62	0.44	83.1	Normal	0.49	0.38	0.49	0.18	100.0	Normal	Normal
2616	Tirupati	Yerpedu	0.57	0.54	0.61	0.47	70.1	Normal	0.47	0.39	0.47	0.23	100.0	Normal	Normal
2617	Tirupati	Renigunta	0.61	0.56	0.61	0.49	100.0	Normal	0.43	0.36	0.43	0.28	100.0	Normal	Normal
2618	Tirupati	Tirupati (Urban)	0.61	0.56	0.61	0.53	100.0	Normal	0.39	0.34	0.39	0.31	100.0	Normal	Normal
2619	Tirupati	Chinnagottigallu	0.56	0.52	0.57	0.46	86.9	Normal	0.30	0.24	0.31	0.17	91.3	Normal	Normal
2620	Tirupati	Yerravaripalem	0.56	0.50	0.57	0.42	94.3	Normal	0.32	0.22	0.32	0.07	100.0	Normal	Normal
2621	Tirupati	Pakala	0.61	0.56	0.63	0.49	90.8	Normal	0.37	0.30	0.38	0.21	92.0	Normal	Normal
2622	Tirupati	Chandragiri	0.62	0.57	0.62	0.53	100.0	Normal	0.41	0.33	0.41	0.24	100.0	Normal	Normal
2623	Tirupati	Ramachandrapuram	0.61	0.32	0.61	0.24	100.0	Normal	0.39	0.44	0.55	0.25	45.5	Moderate	Moderate
2624	Tirupati	Tirupati (Rural)	0.58	0.54	0.58	0.51	100.0	Normal	0.38	0.31	0.38	0.26	100.0	Normal	Normal
2625	Tirupati	Vadamalapeta	0.63	0.58	0.63	0.54	100.0	Normal	0.44	0.35	0.44	0.28	100.0	Normal	Normal
2626	Tirupati	Puttur	0.61	0.57	0.61	0.54	100.0	Normal	0.37	0.32	0.39	0.26	89.2	Normal	Normal
2627	Tirupati	Narayanavanam	0.60	0.57	0.61	0.51	93.0	Normal	0.35	0.32	0.40	0.23	75.0	Normal	Normal
2628	Tirupati	K.V.B.Puram	0.59	0.58	0.64	0.47	71.8	Normal	0.37	0.34	0.39	0.19	86.8	Normal	Normal

dmcode	DISTRICT	MANDAL	NDVI						NDWI						Final Status
			fn2 Dec 22	Avg.	Max	Min	VCI	NDVI Status	fn2 Dec 22	Avg.	Max	Min	VCI	NDWI Status	
2629	Tirupati	Buchinaidu Kandriga	0.69	0.60	0.69	0.48	98.6	Normal	0.48	0.40	0.48	0.22	100.0	Normal	Normal
2630	Tirupati	Varadaiahpalem	0.69	0.62	0.70	0.50	93.2	Normal	0.50	0.43	0.51	0.25	95.7	Normal	Normal
2631	Tirupati	Tada	0.61	0.54	0.62	0.41	97.6	Normal	0.51	0.44	0.51	0.27	100.0	Normal	Normal
2632	Tirupati	Satyavedu	0.62	0.58	0.64	0.51	83.8	Normal	0.40	0.35	0.43	0.23	87.9	Normal	Normal
2633	Tirupati	Nagalapuram	0.69	0.64	0.69	0.58	100.0	Normal	0.49	0.42	0.49	0.34	98.6	Normal	Normal
2634	Tirupati	Pichatur	0.64	0.58	0.64	0.53	100.0	Normal	0.42	0.35	0.42	0.26	100.0	Normal	Normal

Sri. Sudheer Tiwari,
(Project Manager)

Dr. B. Sundar, IFS
Sd/-XXX
Vice-Chairman

//t.c.f.b.o//

Project Manager

*****