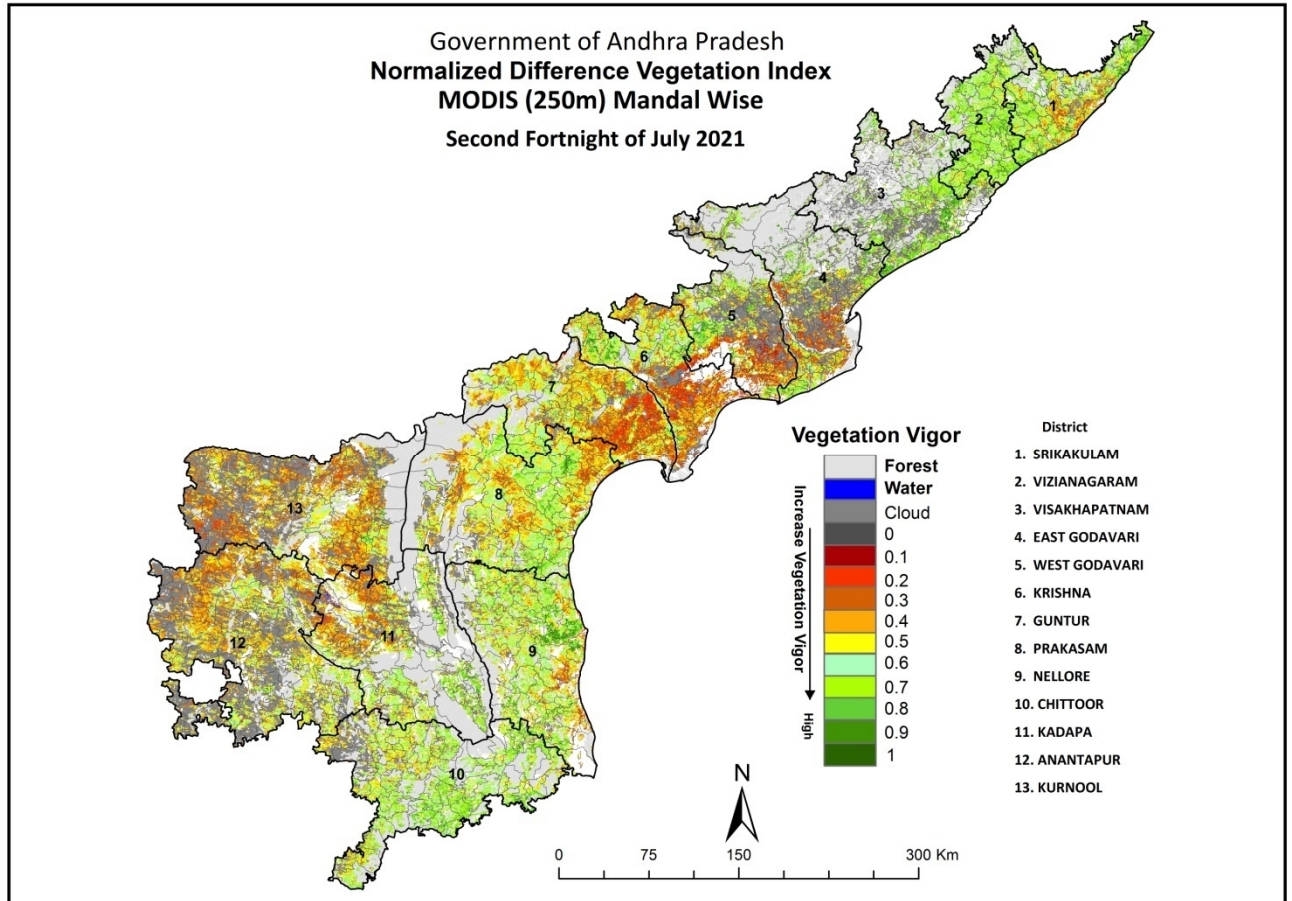




# Report-Drought Monitoring

## Remote sensing Indicators (NDVI, NDWI and VCI) for Drought Declaration in Andhra Pradesh State up to 2nd FN July 2021 (Kharif Season)



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Prepared for-

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Revenue (DM) Department

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## Background

Advancements in satellite remote sensing technology has enabled regular monitoring of crop conditions/vigour over large regions. Among the various spectral vegetation indices commonly derived from remote sensing data, Normalized Difference Vegetation Index (NDVI) is most widely used for operational assessment of drought owing to the ease in calculation and interpretation and also its ability to partially compensate for the effects of atmosphere, illumination geometry etc. NDVI is derived using the formula  $(NIR - Red) / (NIR + Red)$ , where NIR and Red are the reflectance in visible and near infrared channels. Water, clouds and snow have higher reflectance in the visible region and consequently NDVI assumes negative values for these features. Bare soil and rocks exhibit similar reflectance in both visible and near IR regions and the index values are near zero. The NDVI values for vegetation generally range from 0.2 to 0.6, the higher index values being associated with greater green leaf area and biomass. Shortwave Infrared (SWIR) band is sensitive to moisture available in soil as well as in crop canopy. In the beginning of the cropping season, soil background is dominant hence SWIR is sensitive to soil moisture in the top 1-2 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



**Table1: District wise number of Mandals under Normal, Moderate and Severe up to 2nd FN July 2021.**

Sno.	District	Total No. of Mandals	VCI		
			Normal	Moderate	Severe
1	ANANTAPURAM	63	44	18	1
2	CHITTOOR	66	50	12	4
3	EAST GODAVARI	64	21	23	20
4	GUNTUR	57	35	18	4
5	KRISHNA	50	18	13	19
6	KURNOOL(-1)	54	22	22	9
7	NELLORE	46	29	14	3
8	PRAKASAM	56	52	2	2
9	SRIKAKULAM	38	28	6	4
10	VISAKHAPATNAM(-1)	43	16	15	11
11	VIZIANAGARAM	34	34	0	0
12	WEST GODAVARI	48	24	12	12
13	YSR KADAPA	51	38	9	4
	Grand Total	<b>670</b>	<b>411</b>	<b>164</b>	<b>93</b>

**Note:**

- **Two mandals excluded from assessment. (Visakhapatnam urban and Srisailam).**
- **Mandals (65) more than 50% cloud cover in 2nd FN July 2021 are replaced by 1st FN July 2021 assessment.**

**Table2: Mandal wise status: Normal, Moderate and Severe up 2nd FN July 2021.**

dmcode	DISTRICT	MANDAL	NDVI Status	NDWI Status	Final Status
0101	SRIKAKULAM	VEERAGHATTAM	Normal	Normal	Normal
0102	SRIKAKULAM	VANGARA	Normal	Normal	Normal
0103	SRIKAKULAM	REGIDIAMADALAVALASA	Normal	Normal	Normal
0104	SRIKAKULAM	RAJAM	Normal	Severe	Severe
0105	SRIKAKULAM	GANGUVARISIGADAM	Moderate	Severe	Severe
0106	SRIKAKULAM	LAVERU	Normal	Normal	Normal
0107	SRIKAKULAM	RANASTALAM	Normal	Normal	Normal
0108	SRIKAKULAM	ETCHERLA	Moderate	Severe	Severe
0109	SRIKAKULAM	PONDURU	Normal	Moderate	Moderate
0110	SRIKAKULAM	SANTHAKAVITI	Normal	Moderate	Moderate
0111	SRIKAKULAM	BURJA	Normal	Normal	Normal
0112	SRIKAKULAM	PALAKONDA	Normal	Moderate	Moderate
0113	SRIKAKULAM	SEETHAMPETA	Normal	Normal	Normal
0114	SRIKAKULAM	BHAMINI	Normal	Normal	Normal
0115	SRIKAKULAM	KOTHURU	Normal	Normal	Normal
0116	SRIKAKULAM	HIRAMANDALAM	Normal	Normal	Normal
0117	SRIKAKULAM	SARUBUJILI	Normal	Normal	Normal
0118	SRIKAKULAM	AMADALAVALASA	Normal	Normal	Normal
0119	SRIKAKULAM	SRIKAKULAM	Normal	Normal	Normal
0120	SRIKAKULAM	GARA	Moderate	Moderate	Moderate
0121	SRIKAKULAM	POLAKI	Moderate	Normal	Moderate
0122	SRIKAKULAM	NARASANNAPETA	Normal	Normal	Normal
0123	SRIKAKULAM	JALUMURU	Normal	Moderate	Moderate
0124	SRIKAKULAM	SARAVAKOTA	Normal	Normal	Normal
0125	SRIKAKULAM	PATHAPATNAM	Normal	Normal	Normal
0126	SRIKAKULAM	MELIAPUTTI	Normal	Normal	Normal



0127	SRIKAKULAM	TEKKALI	Normal	Normal	Normal
0128	SRIKAKULAM	KOTABOMMALI	Severe	Severe	Severe
0129	SRIKAKULAM	SANTHABOMMALI	Normal	Normal	Normal
0130	SRIKAKULAM	NANDIGAM	Normal	Normal	Normal
0131	SRIKAKULAM	VAJRAPUKOTHURU	Normal	Normal	Normal
0132	SRIKAKULAM	PALASA	Normal	Normal	Normal
0133	SRIKAKULAM	MANDASA	Normal	Normal	Normal
0134	SRIKAKULAM	SOMPETA	Normal	Normal	Normal
0135	SRIKAKULAM	KANCHILI	Normal	Normal	Normal
0136	SRIKAKULAM	KAVITI	Normal	Normal	Normal
0137	SRIKAKULAM	ICHCHAPURAM	Normal	Normal	Normal
0138	SRIKAKULAM	LAKSHMINARSUPETA	Normal	Normal	Normal
0201	VIZIANAGARAM	KOMARADA	Normal	Normal	Normal
0202	VIZIANAGARAM	GUMMALAKSHMIPURAM	Normal	Normal	Normal
0203	VIZIANAGARAM	KURUPAM	Normal	Normal	Normal
0204	VIZIANAGARAM	JIYAMMAVALASA	Normal	Normal	Normal
0205	VIZIANAGARAM	GARUGUBILLI	Normal	Normal	Normal
0206	VIZIANAGARAM	PARVATHIPURAM	Normal	Normal	Normal
0207	VIZIANAGARAM	MAKKUVA	Normal	Normal	Normal
0208	VIZIANAGARAM	SEETHANAGARAM	Normal	Normal	Normal
0209	VIZIANAGARAM	BALJIPETA	Normal	Normal	Normal
0210	VIZIANAGARAM	BOBBILI	Normal	Normal	Normal
0211	VIZIANAGARAM	SALUR	Normal	Normal	Normal
0212	VIZIANAGARAM	PACHIPENTA	Normal	Normal	Normal
0213	VIZIANAGARAM	RAMABHADRAPURAM	Normal	Normal	Normal
0214	VIZIANAGARAM	BADANGI	Normal	Normal	Normal
0215	VIZIANAGARAM	THERLAM	Normal	Normal	Normal
0216	VIZIANAGARAM	MERAKAMUDIDAM	Normal	Normal	Normal
0217	VIZIANAGARAM	DATTIRAJERU	Normal	Normal	Normal
0218	VIZIANAGARAM	MENTADA	Normal	Normal	Normal
0219	VIZIANAGARAM	GAJAPATHINAGARAM	Normal	Normal	Normal
0220	VIZIANAGARAM	BONDAPALLE	Normal	Normal	Normal
0221	VIZIANAGARAM	GURLA	Normal	Normal	Normal
0222	VIZIANAGARAM	GARIVIDI	Normal	Normal	Normal
0223	VIZIANAGARAM	CHEEPURUPALLE	Normal	Normal	Normal
0224	VIZIANAGARAM	NELIMARLA	Normal	Normal	Normal
0225	VIZIANAGARAM	PUSAPATIREGA	Normal	Normal	Normal
0226	VIZIANAGARAM	BHOGAPURAM	Normal	Normal	Normal
0227	VIZIANAGARAM	DENKADA	Normal	Normal	Normal
0228	VIZIANAGARAM	VIZIANAGARAM	Normal	Normal	Normal
0229	VIZIANAGARAM	GANTYADA	Normal	Normal	Normal
0230	VIZIANAGARAM	SRUNGAVARAPUKOTA	Normal	Normal	Normal
0231	VIZIANAGARAM	VEPADA	Normal	Normal	Normal
0232	VIZIANAGARAM	LAKKAVARAPUKOTA	Normal	Normal	Normal
0233	VIZIANAGARAM	JAMI	Normal	Normal	Normal
0234	VIZIANAGARAM	KOTHAVALASA	Normal	Normal	Normal
0301	VISAKHAPATNAM	MUNCHINGIPUTTU	Normal	Normal	Normal
0302	VISAKHAPATNAM	PEDABAYALU	Moderate	Moderate	Moderate
0303	VISAKHAPATNAM	HUKUMPETA	Moderate	Moderate	Moderate
0304	VISAKHAPATNAM	DUMBRIGUDA	Severe	Severe	Severe
0305	VISAKHAPATNAM	ARUKU VALLEY	Moderate	Moderate	Moderate
0306	VISAKHAPATNAM	ANANTHAGIRI	Normal	Normal	Normal
0307	VISAKHAPATNAM	DEVARAPALLE	Normal	Normal	Normal
0308	VISAKHAPATNAM	CHEEDIKADA	Normal	Normal	Normal
0309	VISAKHAPATNAM	MADUGULA	Normal	Normal	Normal



0310	VISAKHAPATNAM	PADERU	Moderate	Moderate	Moderate
0311	VISAKHAPATNAM	G MADUGULA	Severe	Severe	Severe
0312	VISAKHAPATNAM	CHINTAPALLE	Severe	Severe	Severe
0313	VISAKHAPATNAM	G K VEEDHI	Severe	Severe	Severe
0314	VISAKHAPATNAM	KOYYURU	Severe	Severe	Severe
0315	VISAKHAPATNAM	GOLUGONDA	Moderate	Moderate	Moderate
0316	VISAKHAPATNAM	NATHAVARAM	Moderate	Moderate	Moderate
0319	VISAKHAPATNAM	RAVIKAMATAM	Moderate	Moderate	Moderate
0320	VISAKHAPATNAM	BUTCHAYYPETA	Severe	Severe	Severe
0321	VISAKHAPATNAM	CHODAVARAM	Moderate	Moderate	Moderate
0322	VISAKHAPATNAM	K KOTAPADU	Normal	Normal	Normal
0323	VISAKHAPATNAM	SABBAVARAM	Normal	Normal	Normal
0324	VISAKHAPATNAM	PENDURTHI	Moderate	Normal	Moderate
0325	VISAKHAPATNAM	ANANDAPURAM	Moderate	Moderate	Moderate
0326	VISAKHAPATNAM	PADMANABHAM	Normal	Normal	Normal
0327	VISAKHAPATNAM	BHEEMUNIPATNAM	Moderate	Normal	Moderate
0328	VISAKHAPATNAM	VISAKHAPATNAM(R)	Severe	Severe	Severe
0329	VISAKHAPATNAM	VISAKHAPATNAM(U)			N/A
0330	VISAKHAPATNAM	GAJUWAKA	Severe	Moderate	Severe
0331	VISAKHAPATNAM	PEDAGANTYADA	Normal	Normal	Normal
0332	VISAKHAPATNAM	PARAVADA	Normal	Normal	Normal
0333	VISAKHAPATNAM	ANAKAPALLI	Moderate	Moderate	Moderate
0337	VISAKHAPATNAM	KOTAURATLA	Severe	Severe	Severe
0338	VISAKHAPATNAM	PAYAKARAOPETA	Normal	Normal	Normal
0339	VISAKHAPATNAM	NAKKAPALLI	Moderate	Moderate	Moderate
0340	VISAKHAPATNAM	S RAYAVARAM	Moderate	Normal	Moderate
0341	VISAKHAPATNAM	YELAMANCHILI	Severe	Severe	Severe
0342	VISAKHAPATNAM	RAMBILLI	Moderate	Normal	Moderate
0343	VISAKHAPATNAM	ATCHUTAPURAM	Severe	Moderate	Severe
0401	EAST GODAVARI	MAREDUMILLI	Moderate	Moderate	Moderate
0402	EAST GODAVARI	Y.RAMAVARAM	Severe	Severe	Severe
0403	EAST GODAVARI	ADDATEEGALA	Moderate	Moderate	Moderate
0404	EAST GODAVARI	RAJAVOMMANGI	Severe	Severe	Severe
0405	EAST GODAVARI	KOTANANDURU	Normal	Normal	Normal
0406	EAST GODAVARI	TUNI	Severe	Moderate	Severe
0407	EAST GODAVARI	THONDANGI	Normal	Normal	Normal
0409	EAST GODAVARI	SANKHAVARAM	Severe	Severe	Severe
0410	EAST GODAVARI	PRATHIPADU	Moderate	Moderate	Moderate
0411	EAST GODAVARI	YELESWARAM	Moderate	Moderate	Moderate
0412	EAST GODAVARI	GANGAVARAM	Normal	Normal	Normal
0413	EAST GODAVARI	RAMPACHODAVARAM	Normal	Moderate	Moderate
0414	EAST GODAVARI	DEVIPATNAM	Normal	Normal	Normal
0415	EAST GODAVARI	SEETHANAGARAM	Moderate	Normal	Moderate
0416	EAST GODAVARI	KORUKONDA	Moderate	Moderate	Moderate
0417	EAST GODAVARI	GOKAVARAM	Normal	Normal	Normal
0422	EAST GODAVARI	KOTHAPALLE	Moderate	Moderate	Moderate
0423	EAST GODAVARI	KAKINADA (RURAL)	Severe	Moderate	Severe
0424	EAST GODAVARI	KAKINADA (URBAN)	Moderate	Normal	Moderate
0425	EAST GODAVARI	SAMALKOTA	Severe	Moderate	Severe
0427	EAST GODAVARI	GANDEPALLE	Moderate	Moderate	Moderate
0429	EAST GODAVARI	RAJAHMUNDRY (URBAN)	Severe	Moderate	Severe
0430	EAST GODAVARI	RAJAHMUNDRY (RURAL)	Severe	Severe	Severe
0431	EAST GODAVARI	KADIAM	Moderate	Normal	Moderate
0435	EAST GODAVARI	PEDAPUDI	Severe	Moderate	Severe
0436	EAST GODAVARI	KARAPA	Severe	Moderate	Severe



0437	EAST GODAVARI	THALLAREVU	Severe	Normal	Severe
0441	EAST GODAVARI	KAPILESWARAPURAM	Severe	Moderate	Severe
0442	EAST GODAVARI	ALAMURU	Severe	Moderate	Severe
0443	EAST GODAVARI	ATREYAPURAM	Severe	Moderate	Severe
0444	EAST GODAVARI	RAVULAPALEM	Moderate	Normal	Moderate
0445	EAST GODAVARI	PAMARRU	Severe	Moderate	Severe
0446	EAST GODAVARI	KOTHAPETA	Moderate	Normal	Moderate
0447	EAST GODAVARI	P.GANNAVARAM	Moderate	Normal	Moderate
0448	EAST GODAVARI	AMBAJIPETA	Moderate	Normal	Moderate
0449	EAST GODAVARI	AINAVILLI	Moderate	Moderate	Moderate
0450	EAST GODAVARI	MUMMIDIVARAM	Severe	Severe	Severe
0451	EAST GODAVARI	I. POLAVARAM	Moderate	Normal	Moderate
0452	EAST GODAVARI	KATRENKONA	Severe	Moderate	Severe
0453	EAST GODAVARI	UPPALAGUPTAM	Severe	Severe	Severe
0454	EAST GODAVARI	AMALAPURAM	Moderate	Normal	Moderate
0455	EAST GODAVARI	ALLAVARAM	Normal	Normal	Normal
0456	EAST GODAVARI	MAMIDIKUDURU	Normal	Normal	Normal
0457	EAST GODAVARI	RAZOLE	Normal	Normal	Normal
0458	EAST GODAVARI	MALIKIPURAM	Normal	Normal	Normal
0459	EAST GODAVARI	SAKHINETIPALLE	Normal	Normal	Normal
0460	EAST GODAVARI	ROWTHULAPUDI	Severe	Severe	Severe
0461	EAST GODAVARI	NELLIPAKA	Severe	Severe	Severe
0462	EAST GODAVARI	KUNAVARAM	Moderate	Moderate	Moderate
0463	EAST GODAVARI	CHINTUR	Moderate	Moderate	Moderate
0464	EAST GODAVARI	VARARAMACHANDRAPURAM	Moderate	Moderate	Moderate
0501	WEST GODAVARI	JEELUGU MILLI	Severe	Moderate	Severe
0502	WEST GODAVARI	BUTTAYAGUDEM	Normal	Normal	Normal
0503	WEST GODAVARI	POLAVARAM	Normal	Normal	Normal
0504	WEST GODAVARI	TALLAPUDI	Moderate	Normal	Moderate
0506	WEST GODAVARI	KOYYALAGUDEM	Moderate	Normal	Moderate
0508	WEST GODAVARI	T.NARASAPURAM	Moderate	Normal	Moderate
0509	WEST GODAVARI	CHINTALAPUDI	Moderate	Normal	Moderate
0510	WEST GODAVARI	LINGAPALEM	Normal	Normal	Normal
0511	WEST GODAVARI	KAMAVARAPUKOTA	Moderate	Moderate	Moderate
0518	WEST GODAVARI	TADEPALLIGUDEM	Severe	Moderate	Severe
0519	WEST GODAVARI	UNGUTUR	Moderate	Normal	Moderate
0520	WEST GODAVARI	BHIMADOLE	Moderate	Normal	Moderate
0521	WEST GODAVARI	PEDAVEGI	Normal	Normal	Normal
0522	WEST GODAVARI	PEDAPADU	Severe	Normal	Severe
0523	WEST GODAVARI	ELURU	Normal	Normal	Normal
0524	WEST GODAVARI	DENDULURU	Normal	Normal	Normal
0525	WEST GODAVARI	NIDAMARRU	Normal	Normal	Normal
0526	WEST GODAVARI	GANAPAVARAM	Severe	Normal	Severe
0531	WEST GODAVARI	IRAGAVARAM	Severe	Moderate	Severe
0532	WEST GODAVARI	ATTILI	Severe	Moderate	Severe
0533	WEST GODAVARI	UNDI	Normal	Normal	Normal
0534	WEST GODAVARI	AKIVIDU	Normal	Normal	Normal
0535	WEST GODAVARI	KALLA	Moderate	Moderate	Moderate
0536	WEST GODAVARI	BHIMAVARAM	Moderate	Moderate	Moderate
0537	WEST GODAVARI	PALACODERU	Severe	Severe	Severe
0538	WEST GODAVARI	VEERAVASARAM	Moderate	Normal	Moderate
0539	WEST GODAVARI	PENUMANTRA	Severe	Severe	Severe
0541	WEST GODAVARI	ACHANTA	Severe	Moderate	Severe
0542	WEST GODAVARI	PODURU	Severe	Moderate	Severe
0543	WEST GODAVARI	PALACOLE	Moderate	Moderate	Moderate



0544	WEST GODAVARI	YELAMANCHILI	Moderate	Normal	Moderate
0545	WEST GODAVARI	NARASAPURAM	Normal	Normal	Normal
0546	WEST GODAVARI	MOGALTHUR	Normal	Normal	Normal
0547	WEST GODAVARI	KUKUNOOR	Severe	Severe	Severe
0548	WEST GODAVARI	VELAIRPADU	Severe	Moderate	Severe
0601	KRISHNA	JAGGAYYAPETA	Normal	Normal	Normal
0602	KRISHNA	VATSAVAI	Normal	Normal	Normal
0603	KRISHNA	PENUGANCHIPROLU	Normal	Normal	Normal
0604	KRISHNA	NANDIGAMA	Normal	Normal	Normal
0605	KRISHNA	CHANDARLAPADU	Normal	Normal	Normal
0606	KRISHNA	KANCHIKACHERLA	Normal	Normal	Normal
0607	KRISHNA	VEERULLAPADU	Normal	Normal	Normal
0608	KRISHNA	IBRAHIMPATNAM	Normal	Normal	Normal
0609	KRISHNA	G.KONDURU	Normal	Normal	Normal
0610	KRISHNA	MYLAVARAM	Normal	Normal	Normal
0611	KRISHNA	A.KONDURU	Normal	Normal	Normal
0612	KRISHNA	GAMPALAGUDEM	Normal	Normal	Normal
0613	KRISHNA	TIRUVURU	Severe	Normal	Severe
0614	KRISHNA	VISSANNAPET	Moderate	Normal	Moderate
0615	KRISHNA	REDDIGUDEM	Normal	Normal	Normal
0616	KRISHNA	VIJAYAWADA (URBAN)	Severe	Severe	Severe
0617	KRISHNA	VIJAYAWADA (RURAL)	Severe	Moderate	Severe
0618	KRISHNA	PENAMALURU	Severe	Normal	Severe
0619	KRISHNA	THOTLAVALLURU	Normal	Normal	Normal
0620	KRISHNA	KANKIPADU	Severe	Severe	Severe
0621	KRISHNA	GANNAVARAM	Severe	Severe	Severe
0622	KRISHNA	AGIRIPALLE	Severe	Normal	Severe
0623	KRISHNA	NUZVID	Normal	Normal	Normal
0624	KRISHNA	CHATRAI	Severe	Normal	Severe
0625	KRISHNA	MUSUNURU	Normal	Normal	Normal
0626	KRISHNA	BAPULAPADU	Moderate	Normal	Moderate
0628	KRISHNA	VUYYURU	Moderate	Normal	Moderate
0629	KRISHNA	PAMIDIMUKKALA	Severe	Normal	Severe
0630	KRISHNA	MOVVA	Severe	Normal	Severe
0631	KRISHNA	GHANTASALA	Moderate	Normal	Moderate
0632	KRISHNA	CHALLAPALLE	Normal	Normal	Normal
0633	KRISHNA	MOPIDEVI	Normal	Normal	Normal
0634	KRISHNA	AVANIGADDA	Moderate	Moderate	Moderate
0635	KRISHNA	NAGAYALANKA	Severe	Moderate	Severe
0636	KRISHNA	KODURU	Severe	Severe	Severe
0637	KRISHNA	MACHILIPATNAM	Moderate	Normal	Moderate
0638	KRISHNA	GUDURU	Moderate	Normal	Moderate
0639	KRISHNA	PAMARRU	Severe	Normal	Severe
0640	KRISHNA	PEDAPARUPUDI	Severe	Normal	Severe
0641	KRISHNA	NANDIVADA	Severe	Moderate	Severe
0642	KRISHNA	GUDIVADA	Severe	Normal	Severe
0643	KRISHNA	GUDLAVALLERU	Severe	Normal	Severe
0644	KRISHNA	PEDANA	Moderate	Normal	Moderate
0645	KRISHNA	BANTUMILLI	Moderate	Normal	Moderate
0646	KRISHNA	MUDINEPALLE	Severe	Moderate	Severe
0647	KRISHNA	MANDAVALLI	Moderate	Normal	Moderate
0648	KRISHNA	KAICALUR	Moderate	Normal	Moderate
0649	KRISHNA	KALIDINDI	Moderate	Moderate	Moderate
0650	KRISHNA	KRUTHIVENNU	Moderate	Moderate	Moderate
0701	GUNTUR	MACHERLA	Normal	Normal	Normal





0702	GUNTUR	RENTACHINTALA	Normal	Normal	Normal
0703	GUNTUR	GURAZALA	Normal	Normal	Normal
0704	GUNTUR	DACHEPALLE	Normal	Normal	Normal
0705	GUNTUR	MACHAVARAM	Normal	Normal	Normal
0706	GUNTUR	BELLAMKONDA	Normal	Normal	Normal
0707	GUNTUR	ATCHAMPET	Normal	Normal	Normal
0708	GUNTUR	KROSURU	Normal	Normal	Normal
0709	GUNTUR	AMARAVATHI	Normal	Normal	Normal
0710	GUNTUR	THULLUR	Severe	Normal	Severe
0711	GUNTUR	TADEPALLE	Moderate	Normal	Moderate
0712	GUNTUR	MANGALAGIRI	Moderate	Normal	Moderate
0713	GUNTUR	TADIKONDA	Moderate	Normal	Moderate
0714	GUNTUR	PEDAKURAPADU	Normal	Normal	Normal
0715	GUNTUR	SATTENAPALLE	Normal	Normal	Normal
0716	GUNTUR	RAJUPALEM	Normal	Normal	Normal
0717	GUNTUR	PIDUGURALLA	Normal	Normal	Normal
0718	GUNTUR	KAREMPUDI	Normal	Normal	Normal
0719	GUNTUR	DURGI	Normal	Normal	Normal
0720	GUNTUR	VELDURTHI	Normal	Normal	Normal
0721	GUNTUR	BOLLAPALLE	Normal	Normal	Normal
0722	GUNTUR	NEKARIKALLU	Normal	Normal	Normal
0723	GUNTUR	MUPPALLA	Normal	Normal	Normal
0724	GUNTUR	PHIRANGIPURAM	Moderate	Normal	Moderate
0725	GUNTUR	MEDIKONDURU	Normal	Normal	Normal
0726	GUNTUR	GUNTUR	Moderate	Normal	Moderate
0727	GUNTUR	PEDAKAKANI	Moderate	Normal	Moderate
0728	GUNTUR	DUGGIRALA	Severe	Normal	Severe
0729	GUNTUR	KOLLIPARA	Normal	Normal	Normal
0730	GUNTUR	KOLLUR	Normal	Normal	Normal
0731	GUNTUR	VEMURU	Moderate	Normal	Moderate
0732	GUNTUR	TENALI	Severe	Normal	Severe
0733	GUNTUR	TSUNDUR	Normal	Moderate	Moderate
0734	GUNTUR	CHEBROLU	Normal	Normal	Normal
0735	GUNTUR	VATTICHERUKURU	Normal	Normal	Normal
0736	GUNTUR	PRATHIPADU	Normal	Normal	Normal
0737	GUNTUR	EDLAPADU	Moderate	Normal	Moderate
0738	GUNTUR	NADENDLA	Normal	Normal	Normal
0739	GUNTUR	NARASARAOPET	Moderate	Normal	Moderate
0740	GUNTUR	ROMPICHERLA	Moderate	Normal	Moderate
0741	GUNTUR	IPUR	Normal	Normal	Normal
0742	GUNTUR	SAVALYAPURAM	Normal	Normal	Normal
0743	GUNTUR	VINUKONDA	Normal	Normal	Normal
0744	GUNTUR	NUZENDLA	Normal	Normal	Normal
0745	GUNTUR	CHILAKALURIPET	Normal	Normal	Normal
0746	GUNTUR	PEDANANDIPADU	Normal	Normal	Normal
0747	GUNTUR	KAKUMANU	Normal	Normal	Normal
0748	GUNTUR	PONNUR	Moderate	Moderate	Moderate
0749	GUNTUR	AMRUTHALUR	Moderate	Moderate	Moderate
0750	GUNTUR	CHERUKUPALLE	Normal	Severe	Severe
0751	GUNTUR	BHATTIPROLU	Normal	Normal	Normal
0752	GUNTUR	REPALLE	Moderate	Normal	Moderate
0753	GUNTUR	NAGARAM	Normal	Moderate	Moderate
0754	GUNTUR	NIZAMPATNAM	Normal	Normal	Normal
0755	GUNTUR	PITTALAVANIPALEM	Normal	Moderate	Moderate
0756	GUNTUR	KARLAPALEM	Normal	Moderate	Moderate





0757	GUNTUR	BAPATLA	Normal	Moderate	Moderate
0801	PRAKASAM	YERRAGONDAPELEM	Normal	Normal	Normal
0802	PRAKASAM	PULLALACHERUVU	Normal	Normal	Normal
0803	PRAKASAM	TRIPURANTHAKAM	Normal	Normal	Normal
0804	PRAKASAM	KURICHEDU	Normal	Normal	Normal
0805	PRAKASAM	DONAKONDA	Normal	Normal	Normal
0806	PRAKASAM	PEDA ARAVEEDU	Normal	Normal	Normal
0807	PRAKASAM	DORNALA	Normal	Normal	Normal
0808	PRAKASAM	ARDHAVEEDU	Normal	Normal	Normal
0809	PRAKASAM	MARKAPUR	Normal	Normal	Normal
0810	PRAKASAM	TARLUPADU	Normal	Normal	Normal
0811	PRAKASAM	KONAKANAMITLA	Normal	Normal	Normal
0812	PRAKASAM	PODILI	Normal	Normal	Normal
0813	PRAKASAM	DARSI	Normal	Normal	Normal
0814	PRAKASAM	MUNDLAMURU	Normal	Normal	Normal
0815	PRAKASAM	THALLUR	Normal	Normal	Normal
0816	PRAKASAM	ADDANKI	Normal	Normal	Normal
0817	PRAKASAM	BALLIKURAVA	Normal	Normal	Normal
0818	PRAKASAM	SANTHAMAGULURU	Normal	Normal	Normal
0819	PRAKASAM	YEDDANAPUDI	Normal	Normal	Normal
0820	PRAKASAM	MARTUR	Normal	Normal	Normal
0821	PRAKASAM	PARCHUR	Normal	Normal	Normal
0822	PRAKASAM	KARAMCHEDU	Normal	Normal	Normal
0823	PRAKASAM	CHIRALA	Normal	Normal	Normal
0824	PRAKASAM	VETAPALEM	Normal	Moderate	Moderate
0825	PRAKASAM	INKOLLU	Normal	Normal	Normal
0826	PRAKASAM	JANAKAVARAMPANGULURU	Normal	Normal	Normal
0827	PRAKASAM	KORISAPADU	Normal	Normal	Normal
0828	PRAKASAM	MADDIPADU	Normal	Normal	Normal
0829	PRAKASAM	CHIMAKURTHI	Normal	Normal	Normal
0830	PRAKASAM	MARRIPUDI	Normal	Normal	Normal
0831	PRAKASAM	KANIGIRI	Normal	Normal	Normal
0832	PRAKASAM	HANUMANTHUNIPADU	Normal	Normal	Normal
0833	PRAKASAM	BESTAWARIPETA	Normal	Normal	Normal
0834	PRAKASAM	CUMBUM	Normal	Normal	Normal
0835	PRAKASAM	RACHERLA	Normal	Normal	Normal
0836	PRAKASAM	GIDDALUR	Normal	Normal	Normal
0837	PRAKASAM	KOMAROLU	Severe	Moderate	Severe
0838	PRAKASAM	CHANDRASEKHARA PURAM	Severe	Severe	Severe
0839	PRAKASAM	VELIGANDLA	Moderate	Moderate	Moderate
0840	PRAKASAM	PEDACHERLO PALLE	Normal	Normal	Normal
0841	PRAKASAM	PONNALURU	Normal	Normal	Normal
0842	PRAKASAM	KONDAPI	Normal	Normal	Normal
0843	PRAKASAM	SANTHANUTHALA PADU	Normal	Normal	Normal
0844	PRAKASAM	ONGOLE	Normal	Normal	Normal
0845	PRAKASAM	NAGULUPPALAPADU	Normal	Normal	Normal
0846	PRAKASAM	CHINAGANJAM	Normal	Normal	Normal
0847	PRAKASAM	KOTHA PATNAM	Normal	Normal	Normal
0848	PRAKASAM	TANGUTUR	Normal	Normal	Normal
0849	PRAKASAM	ZARUGUMILLI	Normal	Normal	Normal
0850	PRAKASAM	KANDUKUR	Normal	Normal	Normal
0851	PRAKASAM	VOLETIVARIPALEM	Normal	Normal	Normal
0852	PRAKASAM	PAMUR	Normal	Normal	Normal
0853	PRAKASAM	LINGASAMUDRAM	Normal	Normal	Normal
0854	PRAKASAM	GUDLURU	Normal	Normal	Normal



0855	PRAKASAM	ULAVAPADU	Normal	Normal	Normal
0856	PRAKASAM	SINGARAYAKONDA	Normal	Normal	Normal
0901	NELLORE	SEETHARAMAPURAM	Severe	Severe	Severe
0902	NELLORE	VARIKUNTAPADU	Normal	Normal	Normal
0903	NELLORE	KONDAPURAM	Normal	Normal	Normal
0904	NELLORE	JALADANKI	Normal	Normal	Normal
0905	NELLORE	KAVALI	Normal	Normal	Normal
0906	NELLORE	BOGOLE	Normal	Moderate	Moderate
0907	NELLORE	KALIGIRI	Normal	Normal	Normal
0908	NELLORE	VINJAMUR	Normal	Normal	Normal
0909	NELLORE	DUTTALUR	Normal	Normal	Normal
0910	NELLORE	UDAYAGIRI	Moderate	Normal	Moderate
0911	NELLORE	MARRIPADU	Normal	Moderate	Moderate
0912	NELLORE	ATMAKUR	Normal	Normal	Normal
0913	NELLORE	ANUMASAMUDRAMPETA	Normal	Normal	Normal
0914	NELLORE	DAGADARTHI	Normal	Normal	Normal
0915	NELLORE	ALLUR	Normal	Moderate	Moderate
0916	NELLORE	VIDAVALUR	Normal	Normal	Normal
0917	NELLORE	KODAVALUR	Normal	Normal	Normal
0918	NELLORE	BUCHIREDDIPALEM	Normal	Normal	Normal
0919	NELLORE	SANGAM	Normal	Normal	Normal
0920	NELLORE	CHEJERLA	Normal	Moderate	Moderate
0921	NELLORE	ANANTHASAGARAM	Normal	Moderate	Moderate
0922	NELLORE	KALUVOYA	Normal	Moderate	Moderate
0923	NELLORE	RAPUR	Normal	Moderate	Moderate
0924	NELLORE	PODALAKUR	Normal	Normal	Normal
0925	NELLORE	NELLORE	Normal	Normal	Normal
0926	NELLORE	KOVUR	Normal	Normal	Normal
0927	NELLORE	INDUKURPET	Normal	Normal	Normal
0928	NELLORE	THOTAPALLIGUDUR	Normal	Normal	Normal
0929	NELLORE	MUTHUKUR	Normal	Severe	Severe
0930	NELLORE	VENKATACHALAM	Moderate	Severe	Severe
0931	NELLORE	MANUBOLU	Normal	Moderate	Moderate
0932	NELLORE	GUDUR	Normal	Moderate	Moderate
0933	NELLORE	SYDAPURAM	Normal	Normal	Normal
0934	NELLORE	DAKKILI	Normal	Normal	Normal
0935	NELLORE	VENKATAGIRI	Normal	Normal	Normal
0936	NELLORE	BALAYAPALLE	Normal	Moderate	Moderate
0937	NELLORE	OJILI	Normal	Moderate	Moderate
0938	NELLORE	CHILLAKUR	Normal	Moderate	Moderate
0939	NELLORE	KOTA	Normal	Normal	Normal
0940	NELLORE	VAKADU	Normal	Moderate	Moderate
0941	NELLORE	CHITTAMUR	Normal	Normal	Normal
0942	NELLORE	NAIDUPET	Normal	Normal	Normal
0943	NELLORE	PELLAKUR	Normal	Normal	Normal
0944	NELLORE	DORAVARISATRAM	Normal	Normal	Normal
0945	NELLORE	SULLURPETA	Normal	Normal	Normal
0946	NELLORE	TADA	Normal	Normal	Normal
1001	CHITTOOR	PEDDAMANDYAM	Moderate	Normal	Moderate
1002	CHITTOOR	THAMBALLAPALLE	Severe	Moderate	Severe
1004	CHITTOOR	PEDDA THIPPASAMUDRAM	Moderate	Normal	Moderate
1006	CHITTOOR	KURABALAKOTA	Severe	Severe	Severe
1007	CHITTOOR	GURRAMKONDA	Normal	Normal	Normal
1008	CHITTOOR	KALAKADA	Normal	Normal	Normal
1009	CHITTOOR	KAMBHAMVARIPALLE	Normal	Normal	Normal



1010	CHITTOOR	YERRAVARIPALEM	Normal	Normal	Normal
1011	CHITTOOR	TIRUPATI (URBAN)	Normal	Normal	Normal
1012	CHITTOOR	RENIGUNTA	Normal	Normal	Normal
1013	CHITTOOR	YERPEDU	Normal	Normal	Normal
1014	CHITTOOR	SRIKALAHASTI	Normal	Normal	Normal
1015	CHITTOOR	THOTTAMBEDU	Normal	Normal	Normal
1016	CHITTOOR	BUCHINAIDU KANDRIGA	Normal	Normal	Normal
1017	CHITTOOR	VARADAIHPALEM	Moderate	Normal	Moderate
1018	CHITTOOR	SATYAVEDU	Severe	Normal	Severe
1019	CHITTOOR	NAGALAPURAM	Moderate	Normal	Moderate
1020	CHITTOOR	PICHATUR	Normal	Normal	Normal
1021	CHITTOOR	VIJAYAPURAM	Normal	Normal	Normal
1022	CHITTOOR	NINDRA	Moderate	Normal	Moderate
1023	CHITTOOR	K.V.B.PURAM	Moderate	Normal	Moderate
1024	CHITTOOR	NARAYANAVANAM	Moderate	Normal	Moderate
1025	CHITTOOR	VADAMALAPETA	Normal	Normal	Normal
1026	CHITTOOR	TIRUPATI (RURAL)	Normal	Normal	Normal
1027	CHITTOOR	RAMACHANDRAPURAM	Normal	Normal	Normal
1028	CHITTOOR	CHANDRAGIRI	Normal	Normal	Normal
1029	CHITTOOR	CHINNAGOTTIGALLU	Normal	Normal	Normal
1030	CHITTOOR	ROMPICHERLA	Moderate	Normal	Moderate
1031	CHITTOOR	PILERU	Normal	Normal	Normal
1032	CHITTOOR	KALIKIRI	Normal	Normal	Normal
1033	CHITTOOR	VAYALPAD	Normal	Normal	Normal
1034	CHITTOOR	NIMMANAPALLE	Normal	Normal	Normal
1035	CHITTOOR	MADANAPALLE	Severe	Severe	Severe
1036	CHITTOOR	RAMASAMUDRAM	Normal	Normal	Normal
1037	CHITTOOR	PUNGANUR	Normal	Normal	Normal
1038	CHITTOOR	CHOWDEPALLE	Normal	Normal	Normal
1039	CHITTOOR	SOMALA	Normal	Normal	Normal
1040	CHITTOOR	SODAM	Moderate	Normal	Moderate
1041	CHITTOOR	PULICHERLA	Moderate	Normal	Moderate
1042	CHITTOOR	PAKALA	Normal	Normal	Normal
1043	CHITTOOR	VEDURUKUPPAM	Normal	Normal	Normal
1044	CHITTOOR	PUTTUR	Moderate	Normal	Moderate
1045	CHITTOOR	NAGARI	Normal	Normal	Normal
1046	CHITTOOR	KARVETINAGAR	Normal	Normal	Normal
1047	CHITTOOR	SRIKALAHASTI	Normal	Normal	Normal
1048	CHITTOOR	PALASAMUDRAM	Normal	Normal	Normal
1049	CHITTOOR	GANGADHARANELLORE	Normal	Normal	Normal
1050	CHITTOOR	PENUMURU	Normal	Normal	Normal
1051	CHITTOOR	PUTHALAPATTU	Normal	Normal	Normal
1052	CHITTOOR	IRALA	Normal	Normal	Normal
1053	CHITTOOR	THAVANAMPALLE	Normal	Normal	Normal
1054	CHITTOOR	CHITTOOR	Normal	Normal	Normal
1055	CHITTOOR	GUDIPALA	Normal	Normal	Normal
1056	CHITTOOR	YADAMARRI	Normal	Normal	Normal
1057	CHITTOOR	BANGARUPALEM	Normal	Normal	Normal
1058	CHITTOOR	PALAMANER	Normal	Normal	Normal
1059	CHITTOOR	GANGAVARAM	Normal	Normal	Normal
1060	CHITTOOR	PEDDAPANJANI	Normal	Normal	Normal
1061	CHITTOOR	BAIREDDIPALLE	Normal	Normal	Normal
1062	CHITTOOR	VENKATAGIRIKOTA	Normal	Normal	Normal
1063	CHITTOOR	RAMAKUPPAM	Normal	Normal	Normal
1064	CHITTOOR	SANTHIPURAM	Normal	Normal	Normal



1065	CHITTOOR	GUDUPALLE	Moderate	Normal	Moderate
1066	CHITTOOR	KUPPAM	Normal	Normal	Normal
1101	YSR KADAPA	KONDAPURAM	Severe	Moderate	Severe
1102	YSR KADAPA	MYLAVARAM	Normal	Normal	Normal
1103	YSR KADAPA	PEDDAMUDIUM	Moderate	Moderate	Moderate
1104	YSR KADAPA	RAJUPALEM	Normal	Normal	Normal
1105	YSR KADAPA	DUVVUR	Normal	Normal	Normal
1106	YSR KADAPA	S.MYDUKUR	Moderate	Moderate	Moderate
1107	YSR KADAPA	BRAHMAMGARIMATTAM	Normal	Normal	Normal
1108	YSR KADAPA	B.KODUR	Normal	Normal	Normal
1109	YSR KADAPA	KALASAPADU	Normal	Moderate	Moderate
1110	YSR KADAPA	PORUMAMILLA	Severe	Severe	Severe
1111	YSR KADAPA	BADVEL	Normal	Normal	Normal
1112	YSR KADAPA	GOPAVARAM	Severe	Severe	Severe
1113	YSR KADAPA	KHAJIPET	Moderate	Moderate	Moderate
1114	YSR KADAPA	CHAPAD	Normal	Normal	Normal
1115	YSR KADAPA	PRODDATUR	Normal	Normal	Normal
1116	YSR KADAPA	JAMMALAMADUGU	Normal	Normal	Normal
1117	YSR KADAPA	MUDDANUR	Normal	Normal	Normal
1118	YSR KADAPA	SIMHADRIPURAM	Normal	Normal	Normal
1119	YSR KADAPA	LINGALA	Normal	Normal	Normal
1120	YSR KADAPA	PULIVENDLA	Normal	Normal	Normal
1121	YSR KADAPA	VEMULA	Normal	Normal	Normal
1122	YSR KADAPA	THONDUR	Normal	Normal	Normal
1123	YSR KADAPA	VEERAPUNAYUNIPALLE	Normal	Normal	Normal
1124	YSR KADAPA	YERRAGUNTLA	Normal	Normal	Normal
1125	YSR KADAPA	KAMALAPURAM	Normal	Normal	Normal
1126	YSR KADAPA	VALLUR	Moderate	Normal	Moderate
1127	YSR KADAPA	CHENNUR	Moderate	Moderate	Moderate
1128	YSR KADAPA	ATLUR	Normal	Normal	Normal
1129	YSR KADAPA	VONTIMITTA	Moderate	Moderate	Moderate
1130	YSR KADAPA	SIDHOUT	Moderate	Severe	Severe
1131	YSR KADAPA	YSR KADAPA	Moderate	Moderate	Moderate
1132	YSR KADAPA	CHINTHAKOMMADINNE	Normal	Normal	Normal
1133	YSR KADAPA	PENDLIMARRI	Normal	Normal	Normal
1134	YSR KADAPA	VEMPALLE	Normal	Normal	Normal
1135	YSR KADAPA	CHAKRAYAPET	Normal	Normal	Normal
1136	YSR KADAPA	LAKKIREDDIPALLE	Normal	Normal	Normal
1137	YSR KADAPA	RAMAPURAM	Normal	Normal	Normal
1138	YSR KADAPA	VEERABALLE	Normal	Normal	Normal
1139	YSR KADAPA	RAJAMPET	Normal	Normal	Normal
1140	YSR KADAPA	NANDALUR	Normal	Normal	Normal
1141	YSR KADAPA	PENAGALUR	Normal	Normal	Normal
1142	YSR KADAPA	CHITVEL	Normal	Normal	Normal
1143	YSR KADAPA	KODUR	Moderate	Moderate	Moderate
1144	YSR KADAPA	OBULAVARIPALLE	Normal	Normal	Normal
1145	YSR KADAPA	PULLAMPETA	Normal	Normal	Normal
1146	YSR KADAPA	T SUNDUPALLE	Normal	Normal	Normal
1147	YSR KADAPA	SAMBEPALLE	Normal	Normal	Normal
1148	YSR KADAPA	CHINNAMANDEM	Normal	Normal	Normal
1149	YSR KADAPA	RAYACHOTI	Normal	Normal	Normal
1150	YSR KADAPA	GALIVEEDU	Normal	Normal	Normal
1151	YSR KADAPA	SRI AVADHUTHA KASINAYANA	Normal	Normal	Normal
1203	ANANTAPURAM	VIDAPANAKAL	Normal	Normal	Normal
1204	ANANTAPURAM	VAJRAKARUR	Normal	Normal	Normal



1205	ANANTAPURAM	GUNTAKAL	Moderate	Normal	Moderate
1206	ANANTAPURAM	GOOTY	Moderate	Moderate	Moderate
1207	ANANTAPURAM	PEDDAVADUGUR	Moderate	Moderate	Moderate
1208	ANANTAPURAM	YADIKI	Normal	Normal	Normal
1209	ANANTAPURAM	TADPATRI	Normal	Normal	Normal
1210	ANANTAPURAM	PEDDAPAPPUR	Normal	Normal	Normal
1211	ANANTAPURAM	SINGANAMALA	Normal	Normal	Normal
1212	ANANTAPURAM	PAMIDI	Normal	Moderate	Moderate
1213	ANANTAPURAM	GARLADINNE	Normal	Normal	Normal
1214	ANANTAPURAM	KUDAIR	Moderate	Moderate	Moderate
1215	ANANTAPURAM	URAVAKONDA	Normal	Moderate	Moderate
1216	ANANTAPURAM	BELUGUPPA	Normal	Normal	Normal
1219	ANANTAPURAM	GUMMAGATTA	Normal	Normal	Normal
1221	ANANTAPURAM	SETTUR	Normal	Normal	Normal
1222	ANANTAPURAM	KUNDURPI	Normal	Normal	Normal
1223	ANANTAPURAM	KALYANDURG	Normal	Normal	Normal
1224	ANANTAPURAM	ATMAKUR	Moderate	Moderate	Moderate
1226	ANANTAPURAM	BUKKARAYA SAMUDRAM	Normal	Normal	Normal
1227	ANANTAPURAM	NARPALA	Normal	Normal	Normal
1228	ANANTAPURAM	PUTLUR	Normal	Normal	Normal
1229	ANANTAPURAM	YELLANUR	Normal	Normal	Normal
1230	ANANTAPURAM	TADIMARRI	Moderate	Normal	Moderate
1232	ANANTAPURAM	RAPTADU	Normal	Moderate	Moderate
1233	ANANTAPURAM	KANAGANAPALLE	Normal	Normal	Normal
1234	ANANTAPURAM	KAMBADUR	Moderate	Normal	Moderate
1237	ANANTAPURAM	DHARMAVARAM	Moderate	Moderate	Moderate
1238	ANANTAPURAM	MUDIGUBBA	Normal	Normal	Normal
1239	ANANTAPURAM	TALUPULA	Normal	Normal	Normal
1240	ANANTAPURAM	NAMBULIPULIKUNTA	Normal	Normal	Normal
1241	ANANTAPURAM	TANAKAL	Normal	Normal	Normal
1242	ANANTAPURAM	NALLACHERUVU	Normal	Normal	Normal
1243	ANANTAPURAM	GANDLAPENTA	Normal	Normal	Normal
1244	ANANTAPURAM	KADIRI	Normal	Normal	Normal
1245	ANANTAPURAM	AMADAGUR	Normal	Normal	Normal
1246	ANANTAPURAM	OBULADEVARACHERUVU	Normal	Normal	Normal
1247	ANANTAPURAM	NALLAMADA	Normal	Normal	Normal
1248	ANANTAPURAM	GORANTLA	Moderate	Moderate	Moderate
1249	ANANTAPURAM	PUTTAPARTHI	Severe	Severe	Severe
1250	ANANTAPURAM	BUKKAPATNAM	Moderate	Moderate	Moderate
1252	ANANTAPURAM	PENUKONDA	Moderate	Moderate	Moderate
1255	ANANTAPURAM	CHILAMATHUR	Moderate	Moderate	Moderate
1258	ANANTAPURAM	PARIGI	Normal	Normal	Normal
1302	KURNOOL	KOSIGI	Normal	Normal	Normal
1303	KURNOOL	MANTRALAYAM	Moderate	Moderate	Moderate
1306	KURNOOL	GUDUR	Severe	Moderate	Severe
1308	KURNOOL	NANDIKOTKUR	Normal	Normal	Normal
1309	KURNOOL	PAGIDYALA	Normal	Normal	Normal
1310	KURNOOL	KOTHAPALLE	Moderate	Normal	Moderate
1311	KURNOOL	ATMAKUR	Severe	Normal	Severe
1312	KURNOOL	SRISAILAM			N/A
1313	KURNOOL	VELGODE	Moderate	Normal	Moderate
1315	KURNOOL	JUPADU BUNGALOW	Moderate	Normal	Moderate
1316	KURNOOL	MIDTHUR	Normal	Normal	Normal
1317	KURNOOL	ORVAKAL	Normal	Normal	Normal
1320	KURNOOL	GONEGANDLA	Moderate	Moderate	Moderate



1321	KURNOOL	YEMMIGANUR	Moderate	Normal	Moderate
1323	KURNOOL	ADONI	Moderate	Normal	Moderate
1324	KURNOOL	HOLAGUNDA	Moderate	Normal	Moderate
1325	KURNOOL	ALUR	Moderate	Normal	Moderate
1327	KURNOOL	DEVANAKONDA	Normal	Moderate	Moderate
1328	KURNOOL	KRISHNAGIRI	Moderate	Moderate	Moderate
1329	KURNOOL	VELDURTHI	Normal	Normal	Normal
1330	KURNOOL	BETHAMCHERLA	Normal	Normal	Normal
1331	KURNOOL	PANYAM	Normal	Normal	Normal
1332	KURNOOL	GADIVEMULA	Normal	Normal	Normal
1333	KURNOOL	BANDI ATMAKUR	Moderate	Normal	Moderate
1334	KURNOOL	NANDYAL	Normal	Normal	Normal
1335	KURNOOL	MAHANANDI	Moderate	Moderate	Moderate
1336	KURNOOL	SIRVEL	Normal	Normal	Normal
1337	KURNOOL	RUDRAVARAM	Normal	Normal	Normal
1338	KURNOOL	ALLAGADDA	Normal	Normal	Normal
1339	KURNOOL	CHAGALAMARRI	Normal	Moderate	Moderate
1340	KURNOOL	UYYALAWADA	Normal	Moderate	Moderate
1341	KURNOOL	DORNIPADU	Normal	Normal	Normal
1342	KURNOOL	GOSPADU	Normal	Normal	Normal
1343	KURNOOL	KOILKUNTLA	Normal	Normal	Normal
1344	KURNOOL	BANAGANAPALLE	Normal	Normal	Normal
1345	KURNOOL	SANJAMALA	Normal	Moderate	Moderate
1346	KURNOOL	KOLIMIGUNDLA	Normal	Normal	Normal
1347	KURNOOL	OWK	Normal	Normal	Normal
1348	KURNOOL	PEAPALLY	Normal	Normal	Normal
1349	KURNOOL	DHONE	Severe	Moderate	Severe
1350	KURNOOL	TUGGALI	Moderate	Moderate	Moderate
1352	KURNOOL	MADDIKERA (EAST)	Normal	Moderate	Moderate
0317	VISAKHAPATNAM	NARSIPATNAM	Normal	Normal	Normal
0318	VISAKHAPATNAM	ROLUGUNTA	Normal	Normal	Normal
0334	VISAKHAPATNAM	MUNAGAPAKA	Normal	Normal	Normal
0335	VISAKHAPATNAM	KASIMKOTA	Normal	Normal	Normal
0336	VISAKHAPATNAM	MAKAVARAPALEM	Normal	Normal	Normal
0408	EAST GODAVARI	GOLLAPROLU	Normal	Normal	Normal
0418	EAST GODAVARI	JAGGAMPETA	Normal	Normal	Normal
0419	EAST GODAVARI	KIRLAMPUDI	Normal	Normal	Normal
0420	EAST GODAVARI	PEDDAPURAM	Normal	Normal	Normal
0421	EAST GODAVARI	PITHAPURAM	Normal	Normal	Normal
0426	EAST GODAVARI	RANGAMPETA	Normal	Normal	Normal
0428	EAST GODAVARI	RAJANAGARAM	Normal	Normal	Normal
0432	EAST GODAVARI	MANDAPETA	Normal	Normal	Normal
0433	EAST GODAVARI	ANAPARTHY	Normal	Normal	Normal
0434	EAST GODAVARI	BICCAVOLU	Normal	Normal	Normal
0438	EAST GODAVARI	KAJULURU	Moderate	Moderate	Moderate
0439	EAST GODAVARI	RAMACHANDRAPURAM	Normal	Moderate	Moderate
0440	EAST GODAVARI	RAYAVARAM	Normal	Normal	Normal
0505	WEST GODAVARI	GOPALAPURAM	Normal	Normal	Normal
0507	WEST GODAVARI	JANGAREDDIGUDEM	Normal	Normal	Normal
0512	WEST GODAVARI	DWARAKA TIRUMALA	Normal	Normal	Normal
0513	WEST GODAVARI	NALLAJERLA	Normal	Normal	Normal
0514	WEST GODAVARI	DEVARAPALLE	Normal	Normal	Normal
0515	WEST GODAVARI	CHAGALLU	Normal	Normal	Normal
0516	WEST GODAVARI	KOVVUR	Normal	Normal	Normal
0517	WEST GODAVARI	NIDADAVOLE	Normal	Normal	Normal



0527	WEST GODAVARI	PENTAPADU	Normal	Normal	Normal
0528	WEST GODAVARI	TANUKU	Normal	Normal	Normal
0529	WEST GODAVARI	UNDRAJAVARAM	Normal	Normal	Normal
0530	WEST GODAVARI	PERAVALI	Normal	Normal	Normal
0540	WEST GODAVARI	PENUGONDA	Normal	Normal	Normal
0627	KRISHNA	UNGUTURU	Severe	Severe	Severe
1003	CHITTOOR	MULAKALACHERUVU	Normal	Normal	Normal
1005	CHITTOOR	B.KOTHAKOTA	Normal	Normal	Normal
1201	ANANTAPURAM	D.HIREHAL	Normal	Normal	Normal
1202	ANANTAPURAM	BOMMANAHAL	Normal	Normal	Normal
1217	ANANTAPURAM	KANEKAL	Normal	Normal	Normal
1218	ANANTAPURAM	RAYADURG	Normal	Normal	Normal
1220	ANANTAPURAM	BRAHMASAMUDRAM	Normal	Normal	Normal
1225	ANANTAPURAM	ANANTAPURAM	Normal	Normal	Normal
1231	ANANTAPURAM	BATHALAPALLE	Normal	Normal	Normal
1235	ANANTAPURAM	RAMAGIRI	Normal	Normal	Normal
1236	ANANTAPURAM	CHENNEKOTHAPALLE	Normal	Normal	Normal
1251	ANANTAPURAM	KOTHACHERUVU	Normal	Normal	Normal
1253	ANANTAPURAM	RODDAM	Normal	Normal	Normal
1254	ANANTAPURAM	SOMANDEPALLE	Normal	Normal	Normal
1256	ANANTAPURAM	LEPAKSHI	Normal	Normal	Normal
1257	ANANTAPURAM	HINDUPUR	Normal	Normal	Normal
1259	ANANTAPURAM	MADAKASIRA	Normal	Normal	Normal
1260	ANANTAPURAM	GUDIBANDA	Normal	Moderate	Moderate
1261	ANANTAPURAM	AMARAPURAM	Normal	Normal	Normal
1262	ANANTAPURAM	AGALI	Normal	Moderate	Moderate
1263	ANANTAPURAM	ROLLA	Normal	Moderate	Moderate
1301	KURNOOL	KOWTHALAM	Normal	Moderate	Moderate
1304	KURNOOL	NANDEVARAM	Normal	Normal	Normal
1305	KURNOOL	C.BELAGAL	Normal	Severe	Severe
1307	KURNOOL	KURNOOL	Normal	Moderate	Moderate
1314	KURNOOL	PAMULAPADU	Normal	Severe	Severe
1318	KURNOOL	KALLUR	Normal	Moderate	Moderate
1319	KURNOOL	KODUMUR	Normal	Moderate	Moderate
1322	KURNOOL	PEDDA KADUBUR	Normal	Normal	Normal
1326	KURNOOL	ASPARI	Normal	Severe	Severe
1351	KURNOOL	PATTIKONDA	Normal	Severe	Severe
1353	KURNOOL	CHIPPAGIRI	Normal	Severe	Severe
1354	KURNOOL	HALAHARVI	Normal	Severe	Severe

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