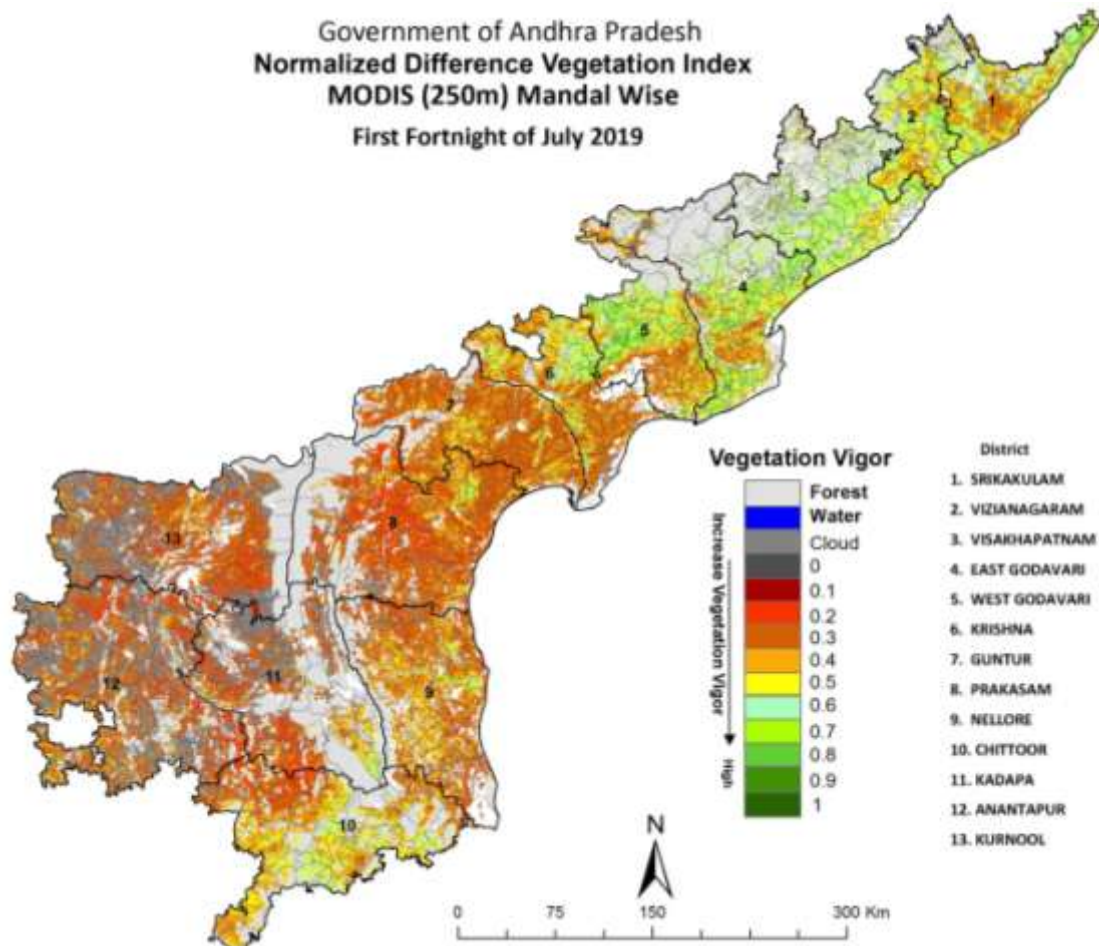


Report up to 15th July, 2019 Kharif

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



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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**).

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

1. District wise number of Mandal under Normal, Moderate and Severe up to 1st FN July 2019.

Sno.	District	Total No. of Mandals	NDVI			NDWI		
			Normal	Moderate	Severe	Normal	Moderate	Severe
1	ANANTAPURAM	63	2	7	54	10	17	36
2	CHITTOOR	66	9	14	43	2	7	57
3	EAST GODAVARI	64	52	9	3	44	13	7
4	GUNTUR	57	10	30	17	0	0	57
5	KRISHNA	51	10	12	28	0	4	46
6	KURNOOL	50	14	13	26	11	13	29
7	NELLORE	54	2	12	32	0	0	46
8	PRAKASAM	46	5	12	39	0	1	55
9	SRIKAKULAM	56	35	3	0	13	11	14
10	VISAKHAPATNAM	38	40	2	0	22	18	2
11	VIZIANAGARAM	43	26	7	1	8	17	9
12	WEST GODAVARI	34	25	15	8	9	10	29
13	YSR KADAPA	48	0	4	47	2	2	47
	Grand Total	670	230	140	298	121	113	434

Note: Two mandal excluded from assessment. (Visakhapatnam and Srisailam)

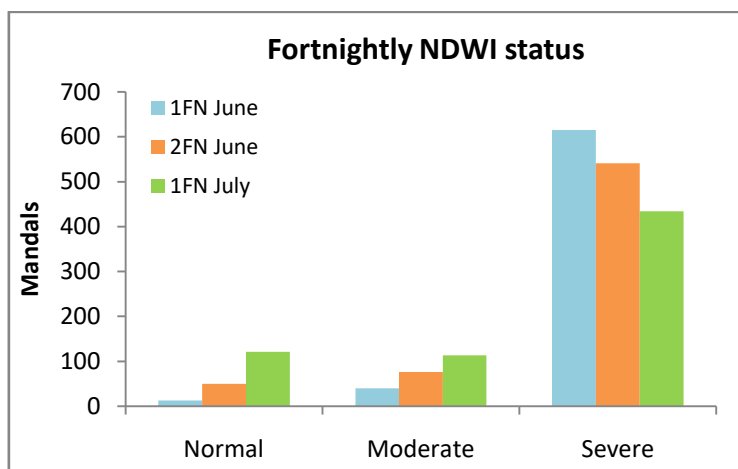
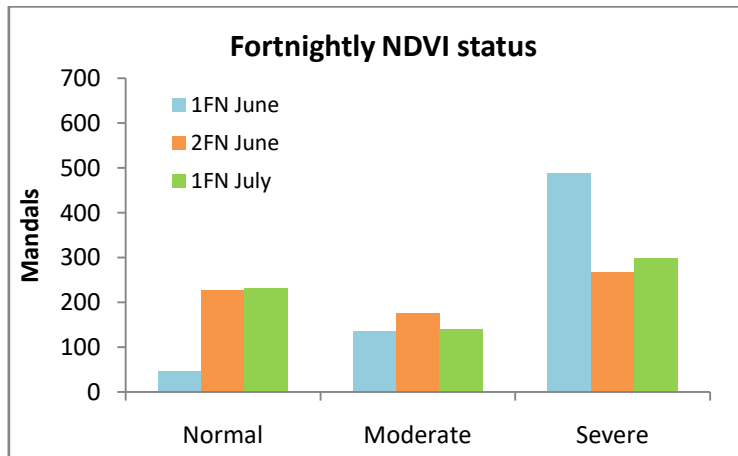


Figure: Fortnightly status of mandals under Normal, Moderate and Severe



3. Mandal wise status: Normal, Moderate and Severe up 1st FN July 2019.

dmcode	DISTRICT	MANDAL	1FN June 2019 NDVI Status	1FN June 2019NDWI Status
0101	SRIKAKULAM	VEERAGHATTAM	Moderate	Severe
0102	SRIKAKULAM	VANGARA	Moderate	Moderate
0103	SRIKAKULAM	REGIDIAMADALAVALASA	Normal	Normal
0104	SRIKAKULAM	RAJAM	Normal	Normal
0105	SRIKAKULAM	GANGUVARISIGADAM	Normal	Normal
0106	SRIKAKULAM	LAVERU	Normal	Normal
0107	SRIKAKULAM	RANASTALAM	Normal	Normal
0108	SRIKAKULAM	ETCHERLA	Normal	Normal
0109	SRIKAKULAM	PONDURU	Normal	Moderate
0110	SRIKAKULAM	SANTHAKAVITI	Normal	Moderate
0111	SRIKAKULAM	BURJA	Normal	Severe
0112	SRIKAKULAM	PALAKONDA	Moderate	Moderate
0113	SRIKAKULAM	SEETHAMPETA	Normal	Normal
0114	SRIKAKULAM	BHAMINI	Normal	Severe
0115	SRIKAKULAM	KOTHURU	Normal	Severe
0116	SRIKAKULAM	HIRAMANDALAM	Normal	Severe
0117	SRIKAKULAM	SARUBUJJILI	Normal	Severe
0118	SRIKAKULAM	AMADALAVALASA	Normal	Severe
0119	SRIKAKULAM	SRIKAKULAM	Normal	Severe
0120	SRIKAKULAM	GARA	Normal	Moderate
0121	SRIKAKULAM	POLAKI	Normal	Severe
0122	SRIKAKULAM	NARASANNAPETA	Normal	Severe
0123	SRIKAKULAM	JALUMURU	Normal	Severe
0124	SRIKAKULAM	SARAVAKOTA	Normal	Moderate
0125	SRIKAKULAM	PATHAPATNAM	Normal	Severe
0126	SRIKAKULAM	MELIAPUTTI	Normal	Moderate
0127	SRIKAKULAM	TEKKALI	Normal	Moderate
0128	SRIKAKULAM	KOTABOMMALI	Normal	Severe
0129	SRIKAKULAM	SANTHABOMMALI	Normal	Moderate
0130	SRIKAKULAM	NANDIGAM	Normal	Moderate
0131	SRIKAKULAM	VAJRAPUKOTHURU	Normal	Normal
0132	SRIKAKULAM	PALASA	Normal	Moderate
0133	SRIKAKULAM	MANDASA	Normal	Normal
0134	SRIKAKULAM	SOMPETA	Normal	Normal
0135	SRIKAKULAM	KANCHILI	Normal	Normal
0136	SRIKAKULAM	KAVITI	Normal	Normal
0137	SRIKAKULAM	ICHCHAPURAM	Normal	Normal
0138	SRIKAKULAM	LAKSHMINARSUPETA	Normal	Severe
0201	VIZIANAGARAM	KOMARADA	Moderate	Moderate
0202	VIZIANAGARAM	GUMMALAKSHMIPURAM	Severe	Severe



0203	VIZIANAGARAM	KURUPAM	Normal	Normal
0204	VIZIANAGARAM	JIYYAMMAVALASA	Normal	Moderate
0205	VIZIANAGARAM	GARUGUBILLI	Moderate	Moderate
0206	VIZIANAGARAM	PARVATHIPURAM	Normal	Moderate
0207	VIZIANAGARAM	MAKKUVA	Normal	Normal
0208	VIZIANAGARAM	SEETHANAGARAM	Normal	Moderate
0209	VIZIANAGARAM	BALIJPETA	Normal	Moderate
0210	VIZIANAGARAM	BOBBILI	Moderate	Moderate
0211	VIZIANAGARAM	SALUR	Normal	Normal
0212	VIZIANAGARAM	PACHIPENTA	Normal	Moderate
0213	VIZIANAGARAM	RAMABHADRAPURAM	Moderate	Severe
0214	VIZIANAGARAM	BADANGI	Moderate	Severe
0215	VIZIANAGARAM	THERLAM	Normal	Normal
0216	VIZIANAGARAM	MERAKAMUDIDAM	Normal	Normal
0217	VIZIANAGARAM	DATTIRAJERU	Normal	Moderate
0218	VIZIANAGARAM	MENTADA	Normal	Moderate
0219	VIZIANAGARAM	GAJAPATHINAGARAM	Normal	Moderate
0220	VIZIANAGARAM	BONDAPALLE	Normal	Moderate
0221	VIZIANAGARAM	GURLA	Normal	Normal
0222	VIZIANAGARAM	GARIVIDI	Normal	Normal
0223	VIZIANAGARAM	CHEEPURUPALLE	Normal	Normal
0224	VIZIANAGARAM	NELLIMARLA	Normal	Moderate
0225	VIZIANAGARAM	PUSAPATIREGA	Normal	Moderate
0226	VIZIANAGARAM	BHOGAPURAM	Normal	Moderate
0227	VIZIANAGARAM	DENKADA	Normal	Severe
0228	VIZIANAGARAM	VIZIANAGARAM	Moderate	Severe
0229	VIZIANAGARAM	GANTYADA	Moderate	Severe
0230	VIZIANAGARAM	SRUNGAVARAPUKOTA	Normal	Moderate
0231	VIZIANAGARAM	VEPADA	Normal	Severe
0232	VIZIANAGARAM	LAKKAVARAPUKOTA	Normal	Severe
0233	VIZIANAGARAM	JAMI	Normal	Severe
0234	VIZIANAGARAM	KOTHAVALASA	Normal	Moderate
0301	VISAKHAPATNAM	MUNCHINGIPUTTU	Normal	Moderate
0302	VISAKHAPATNAM	PEDABAYALU	Normal	Normal
0303	VISAKHAPATNAM	HUKUMPETA	Normal	Normal
0304	VISAKHAPATNAM	DUMBRIGUDA	Normal	Normal
0305	VISAKHAPATNAM	ARUKU VALLEY	Moderate	Moderate
0306	VISAKHAPATNAM	ANANTHAGIRI	Normal	Normal
0307	VISAKHAPATNAM	DEVARAPALLE	Normal	Normal
0308	VISAKHAPATNAM	CHEEDIKADA	Normal	Normal
0309	VISAKHAPATNAM	MADUGULA	Normal	Normal
0310	VISAKHAPATNAM	PADERU	Normal	Normal
0311	VISAKHAPATNAM	G MADUGULA	Normal	Normal
0312	VISAKHAPATNAM	CHINTAPALLE	Normal	Normal



0313	VISAKHAPATNAM	G K VEEDHI	Moderate	Moderate
0314	VISAKHAPATNAM	KOYYURU	Normal	Moderate
0315	VISAKHAPATNAM	GOLUGONDA	Normal	Normal
0316	VISAKHAPATNAM	NATHAVARAM	Normal	Moderate
0317	VISAKHAPATNAM	NARSIPATNAM	Normal	Moderate
0318	VISAKHAPATNAM	ROLUGUNTA	Normal	Normal
0319	VISAKHAPATNAM	RAVIKAMATAM	Normal	Normal
0320	VISAKHAPATNAM	BUTCHAYYAPETA	Normal	Normal
0321	VISAKHAPATNAM	CHODAVARAM	Normal	Normal
0322	VISAKHAPATNAM	K KOTAPADU	Normal	Moderate
0323	VISAKHAPATNAM	SABBAVARAM	Normal	Severe
0324	VISAKHAPATNAM	PENDURTHI	Normal	Moderate
0325	VISAKHAPATNAM	ANANDAPURAM	Normal	Normal
0326	VISAKHAPATNAM	PADMANABHAM	Normal	Moderate
0327	VISAKHAPATNAM	BHEEMUNIPATNAM	Normal	Normal
0328	VISAKHAPATNAM	VISAKHAPATNAM(R)	Normal	Normal
0329	VISAKHAPATNAM	VISAKHAPATNAM(U)	#DIV/0!	#DIV/0!
0330	VISAKHAPATNAM	GAJUWAKA	Normal	Normal
0331	VISAKHAPATNAM	PEDAGANTYADA	Normal	Normal
0332	VISAKHAPATNAM	PARAVADA	Normal	Moderate
0333	VISAKHAPATNAM	ANAKAPALLI	Normal	Severe
0334	VISAKHAPATNAM	MUNAGAPAKA	Normal	Moderate
0335	VISAKHAPATNAM	KASIMKOTA	Normal	Moderate
0336	VISAKHAPATNAM	MAKAVARAPALEM	Normal	Moderate
0337	VISAKHAPATNAM	KOTAURATLA	Normal	Normal
0338	VISAKHAPATNAM	PAYAKARAOPETA	Normal	Moderate
0339	VISAKHAPATNAM	NAKKAPALLI	Normal	Moderate
0340	VISAKHAPATNAM	S RAYAVARAM	Normal	Normal
0341	VISAKHAPATNAM	YELAMANCHILI	Normal	Moderate
0342	VISAKHAPATNAM	RAMBILLI	Normal	Moderate
0343	VISAKHAPATNAM	ATCHUTAPURAM	Normal	Moderate
0401	EAST GODAVARI	MAREDUMILLI	Normal	Normal
0402	EAST GODAVARI	Y.RAMAVARAM	Moderate	Moderate
0403	EAST GODAVARI	ADDATEEGALA	Normal	Normal
0404	EAST GODAVARI	RAJAVOMMANGI	Normal	Moderate
0405	EAST GODAVARI	KOTANANDURU	Normal	Normal
0406	EAST GODAVARI	TUNI	Normal	Moderate
0407	EAST GODAVARI	THONDANGI	Normal	Moderate
0408	EAST GODAVARI	GOLLAPROLU	Normal	Moderate
0409	EAST GODAVARI	SANKHAVARAM	Normal	Normal
0410	EAST GODAVARI	PRATHIPADU	Normal	Normal
0411	EAST GODAVARI	YELESWARAM	Normal	Normal
0412	EAST GODAVARI	GANGAVARAM	Normal	Normal
0413	EAST GODAVARI	RAMPACHODAVARAM	Normal	Normal



0414	EAST GODAVARI	DEVIPATNAM	Normal	Normal
0415	EAST GODAVARI	SEETHANAGARAM	Moderate	Moderate
0416	EAST GODAVARI	KORUKONDA	Normal	Moderate
0417	EAST GODAVARI	GOKAVARAM	Normal	Normal
0418	EAST GODAVARI	JAGGAMPETA	Normal	Normal
0419	EAST GODAVARI	KIRLAMPUDI	Normal	Normal
0420	EAST GODAVARI	PEDDAPURAM	Normal	Normal
0421	EAST GODAVARI	PITHAPURAM	Normal	Normal
0422	EAST GODAVARI	KOTHAPALLE	Normal	Moderate
0423	EAST GODAVARI	KAKINADA (RURAL)	Normal	Normal
0424	EAST GODAVARI	KAKINADA (FULLY URBAN)	Normal	Normal
0425	EAST GODAVARI	SAMALKOTA	Normal	Normal
0426	EAST GODAVARI	RANGAMPETA	Normal	Normal
0427	EAST GODAVARI	GANDEPALLE	Normal	Normal
0428	EAST GODAVARI	RAJANAGARAM	Normal	Normal
0429	EAST GODAVARI	RAJAHMUNDRY (FULLY URBAN)	Normal	Normal
0430	EAST GODAVARI	RAJAHMUNDRY (RURAL)	Normal	Normal
0431	EAST GODAVARI	KADIAM	Normal	Normal
0432	EAST GODAVARI	MANDAPETA	Normal	Normal
0433	EAST GODAVARI	ANAPARTHY	Normal	Normal
0434	EAST GODAVARI	BICCAVOLU	Normal	Normal
0435	EAST GODAVARI	PEDAPUDI	Normal	Normal
0436	EAST GODAVARI	KARAPA	Normal	Normal
0437	EAST GODAVARI	THALLAREVU	Normal	Moderate
0438	EAST GODAVARI	KAJULURU	Moderate	Moderate
0439	EAST GODAVARI	RAMACHANDRAPURAM	Moderate	Moderate
0440	EAST GODAVARI	RAYAVARAM	Normal	Normal
0441	EAST GODAVARI	KAPILESWARAPURAM	Moderate	Normal
0442	EAST GODAVARI	ALAMURU	Normal	Normal
0443	EAST GODAVARI	ATREYAPURAM	Normal	Normal
0444	EAST GODAVARI	RAVULAPALEM	Normal	Normal
0445	EAST GODAVARI	PAMARRU	Moderate	Moderate
0446	EAST GODAVARI	KOTHAPETA	Normal	Normal
0447	EAST GODAVARI	P.GANNAVARAM	Normal	Normal
0448	EAST GODAVARI	AMBAJIPETA	Normal	Normal
0449	EAST GODAVARI	AINAVILLI	Normal	Normal
0450	EAST GODAVARI	MUMMIDIVARAM	Normal	Normal
0451	EAST GODAVARI	I. POLAVARAM	Normal	Normal
0452	EAST GODAVARI	KATRENIKONA	Normal	Normal
0453	EAST GODAVARI	UPPALAGUPTAM	Normal	Normal
0454	EAST GODAVARI	AMALAPURAM	Normal	Normal
0455	EAST GODAVARI	ALLAVARAM	Moderate	Severe
0456	EAST GODAVARI	MAMIDIKUDURU	Normal	Normal
0457	EAST GODAVARI	RAZOLE	Normal	Moderate



0458	EAST GODAVARI	MALIKIPURAM	Normal	Severe
0459	EAST GODAVARI	SAKHINETIPALLE	Moderate	Severe
0460	EAST GODAVARI	ROWTHULAPUDI	Normal	Normal
0461	EAST GODAVARI	NELLIPAKA	Moderate	Severe
0462	EAST GODAVARI	KUNAVARAM	Severe	Severe
0463	EAST GODAVARI	CHINTUR	Severe	Severe
0464	EAST GODAVARI	VARARAMACHANDRAPURAM	Severe	Severe
0501	WEST GODAVARI	JEELUGU MILLI	Normal	Normal
0502	WEST GODAVARI	BUTTAYAGUDEM	Normal	Normal
0503	WEST GODAVARI	POLAVARAM	Normal	Normal
0504	WEST GODAVARI	TALLAPUDI	Normal	Moderate
0505	WEST GODAVARI	GOPALAPURAM	Normal	Moderate
0506	WEST GODAVARI	KOYYALAGUDEM	Normal	Normal
0507	WEST GODAVARI	JANGAREDDIGUDEM	Normal	Normal
0508	WEST GODAVARI	T.NARASAPURAM	Normal	Normal
0509	WEST GODAVARI	CHINTALAPUDI	Normal	Moderate
0510	WEST GODAVARI	LINGAPALEM	Severe	Severe
0511	WEST GODAVARI	KAMAVARAPUKOTA	Normal	Severe
0512	WEST GODAVARI	DWARAKA TIRUMALA	Normal	Severe
0513	WEST GODAVARI	NALLAJERLA	Normal	Severe
0514	WEST GODAVARI	DEVARAPALLE	Normal	Moderate
0515	WEST GODAVARI	CHAGALLU	Normal	Normal
0516	WEST GODAVARI	KOVVUR	Normal	Normal
0517	WEST GODAVARI	NIDADAVOLE	Normal	Moderate
0518	WEST GODAVARI	TADEPALLIGUDEM	Normal	Moderate
0519	WEST GODAVARI	UNGUTUR	Normal	Severe
0520	WEST GODAVARI	BHIMADOLE	Moderate	Severe
0521	WEST GODAVARI	PEDAVEGI	Normal	Severe
0522	WEST GODAVARI	PEDAPADU	Moderate	Severe
0523	WEST GODAVARI	ELURU	Moderate	Severe
0524	WEST GODAVARI	DENDULURU	Moderate	Severe
0525	WEST GODAVARI	NIDAMARRU	Moderate	Severe
0526	WEST GODAVARI	GANAPAVARAM	Moderate	Severe
0527	WEST GODAVARI	PENTAPADU	Moderate	Moderate
0528	WEST GODAVARI	TANUKU	Normal	Moderate
0529	WEST GODAVARI	UNDRAJAVARAM	Normal	Moderate
0530	WEST GODAVARI	PERAVALI	Normal	Normal
0531	WEST GODAVARI	IRAGAVARAM	Moderate	Severe
0532	WEST GODAVARI	ATTILI	Moderate	Severe
0533	WEST GODAVARI	UNDI	Severe	Severe
0534	WEST GODAVARI	AKIVIDU	Severe	Severe
0535	WEST GODAVARI	KALLA	Severe	Severe
0536	WEST GODAVARI	BHIMAVARAM	Severe	Severe
0537	WEST GODAVARI	PALACODERU	Moderate	Severe



0538	WEST GODAVARI	VEERAVASARAM	Moderate	Severe
0539	WEST GODAVARI	PENUMANTRA	Moderate	Severe
0540	WEST GODAVARI	PENUGONDA	Normal	Severe
0541	WEST GODAVARI	ACHANTA	Normal	Moderate
0542	WEST GODAVARI	PODURU	Moderate	Severe
0543	WEST GODAVARI	PALACOLE	Moderate	Severe
0544	WEST GODAVARI	YELAMANCHILI	Normal	Severe
0545	WEST GODAVARI	NARASAPURAM	Severe	Severe
0546	WEST GODAVARI	MOGALTHUR	Severe	Severe
0547	WEST GODAVARI	KUKUNOOR	Moderate	Severe
0548	WEST GODAVARI	VELAIRPADU	Severe	Severe
0601	KRISHNA	JAGGAYYAPETA	Moderate	Severe
0602	KRISHNA	VATSAVAI	Normal	Severe
0603	KRISHNA	PENUGANCHIPROLU	Moderate	Severe
0604	KRISHNA	NANDIGAMA	Severe	Severe
0605	KRISHNA	CHANDARLAPADU	Severe	Severe
0606	KRISHNA	KANCHIKACHERLA	Severe	Severe
0607	KRISHNA	VEERULLAPADU	Severe	Severe
0608	KRISHNA	IBRAHIMPATNAM	Severe	Severe
0609	KRISHNA	G.KONDURU	Severe	Severe
0610	KRISHNA	MYLAVARAM	Severe	Severe
0611	KRISHNA	A.KONDURU	Normal	Severe
0612	KRISHNA	GAMPALAGUDEM	Normal	Severe
0613	KRISHNA	TIRUVURU	Normal	Severe
0614	KRISHNA	VISSANNAPET	Normal	Severe
0615	KRISHNA	REDDIGUDEM	Moderate	Severe
0616	KRISHNA	VIJAYAWADA (URBAN)	Severe	Severe
0617	KRISHNA	VIJAYAWADA (RURAL)	Severe	Severe
0618	KRISHNA	PENAMALURU	Moderate	Severe
0619	KRISHNA	THOTLAVALLURU	Severe	Severe
0620	KRISHNA	KANKIPADU	Moderate	Severe
0621	KRISHNA	GANNAVARAM	Severe	Severe
0622	KRISHNA	AGIRIPALLE	Moderate	Severe
0623	KRISHNA	NUZVID	Normal	Moderate
0624	KRISHNA	CHATRAI	Moderate	Severe
0625	KRISHNA	MUSUNURU	Moderate	Moderate
0626	KRISHNA	BAPULAPADU	Normal	Severe
0627	KRISHNA	UNGUTURU	Severe	Severe
0628	KRISHNA	VUYYURU	Moderate	Severe
0629	KRISHNA	PAMIDIMUKKALA	Severe	Severe
0630	KRISHNA	MOVVA	Severe	Severe
0631	KRISHNA	GHANTASALA	Moderate	Severe
0632	KRISHNA	CHALLAPALLE	Normal	Moderate
0633	KRISHNA	MOPIDEVI	Normal	Moderate



0634	KRISHNA	AVANIGADDA	Severe	Severe
0635	KRISHNA	NAGAYALANKA	Severe	Severe
0636	KRISHNA	KODURU	Severe	Severe
0637	KRISHNA	MACHILIPATNAM	Severe	Severe
0638	KRISHNA	GUDURU	Severe	Severe
0639	KRISHNA	PAMARRU	Severe	Severe
0640	KRISHNA	PEDAPARUPUDI	Severe	Severe
0641	KRISHNA	NANDIVADA	Severe	Severe
0642	KRISHNA	GUDIVADA	Severe	Severe
0643	KRISHNA	GUDLAVALLERU	Severe	Severe
0644	KRISHNA	PEDANA	Severe	Severe
0645	KRISHNA	BANTUMILLI	Severe	Severe
0646	KRISHNA	MUDINEPALLE	Severe	Severe
0647	KRISHNA	MANDAVALLI	Severe	Severe
0648	KRISHNA	KAIKALUR	Moderate	Severe
0649	KRISHNA	KALIDINDI	Normal	Severe
0650	KRISHNA	KRUTHIVENNU	Moderate	Severe
0701	GUNTUR	MACHERLA	Normal	Severe
0702	GUNTUR	RENTACHINTALA	Moderate	Severe
0703	GUNTUR	GURAZALA	Severe	Severe
0704	GUNTUR	DACHEPALLE	Moderate	Severe
0705	GUNTUR	MACHAVARAM	Moderate	Severe
0706	GUNTUR	BELLAMKONDA	Severe	Severe
0707	GUNTUR	ATCHAMPET	Severe	Severe
0708	GUNTUR	KROSURU	Severe	Severe
0709	GUNTUR	AMARAVATHI	Moderate	Severe
0710	GUNTUR	THULLUR	Severe	Severe
0711	GUNTUR	TADEPALLE	Moderate	Severe
0712	GUNTUR	MANGALAGIRI	Severe	Severe
0713	GUNTUR	TADIKONDA	Moderate	Severe
0714	GUNTUR	PEDAKURAPADU	Moderate	Severe
0715	GUNTUR	SATTENAPALLE	Moderate	Severe
0716	GUNTUR	RAJUPALEM	Severe	Severe
0717	GUNTUR	PIDUGURALLA	Severe	Severe
0718	GUNTUR	KAREMPUDI	Moderate	Severe
0719	GUNTUR	DURGI	Normal	Severe
0720	GUNTUR	VELDURTHI	Normal	Severe
0721	GUNTUR	BOLLAPALLE	Normal	Severe
0722	GUNTUR	NEKARIKALLU	Moderate	Severe
0723	GUNTUR	MUPPALLA	Moderate	Severe
0724	GUNTUR	PHIRANGIPURAM	Moderate	Severe
0725	GUNTUR	MEDIKONDURU	Moderate	Severe
0726	GUNTUR	GUNTUR	Moderate	Severe
0727	GUNTUR	PEDAKAKANI	Severe	Severe



0728	GUNTUR	DUGGIRALA	Moderate	Severe
0729	GUNTUR	KOLLIPARA	Moderate	Severe
0730	GUNTUR	KOLLUR	Moderate	Severe
0731	GUNTUR	VEMURU	Moderate	Severe
0732	GUNTUR	TENALI	Moderate	Severe
0733	GUNTUR	TSUNDUR	Normal	Severe
0734	GUNTUR	CHEBROLU	Moderate	Severe
0735	GUNTUR	VATTICHERUKURU	Normal	Severe
0736	GUNTUR	PRATHIPADU	Normal	Severe
0737	GUNTUR	EDLAPADU	Normal	Severe
0738	GUNTUR	NADENDLA	Moderate	Severe
0739	GUNTUR	NARASARAO PET	Moderate	Severe
0740	GUNTUR	ROMPICHERLA	Moderate	Severe
0741	GUNTUR	IPUR	Moderate	Severe
0742	GUNTUR	SAVALYAPURAM	Severe	Severe
0743	GUNTUR	VINUKONDA	Moderate	Severe
0744	GUNTUR	NUZENDLA	Severe	Severe
0745	GUNTUR	CHILAKALURIPET	Moderate	Severe
0746	GUNTUR	PEDANANDIPADU	Normal	Severe
0747	GUNTUR	KAKUMANU	Severe	Severe
0748	GUNTUR	PONNUR	Moderate	Severe
0749	GUNTUR	AMRUTHALUR	Moderate	Severe
0750	GUNTUR	CHERUKUPALLE	Moderate	Severe
0751	GUNTUR	BHATTIPROLU	Normal	Severe
0752	GUNTUR	REPALLE	Moderate	Severe
0753	GUNTUR	NAGARAM	Severe	Severe
0754	GUNTUR	NIZAMPATNAM	Severe	Severe
0755	GUNTUR	PITTALAVANIPALEM	Severe	Severe
0756	GUNTUR	KARLAPALEM	Severe	Severe
0757	GUNTUR	BAPATLA	Severe	Severe
0801	PRAKASAM	YERRAGONDAPALEM	Normal	Severe
0802	PRAKASAM	PULLALACHERUVU	Moderate	Severe
0803	PRAKASAM	TRIPURANTHAKAM	Moderate	Severe
0804	PRAKASAM	KURICHEDU	Severe	Severe
0805	PRAKASAM	DONAKONDA	Moderate	Severe
0806	PRAKASAM	PEDA ARAVEEDU	Normal	Severe
0807	PRAKASAM	DORNALA	Normal	Moderate
0808	PRAKASAM	ARDHAVEEDU	Normal	Severe
0809	PRAKASAM	MARKAPUR	Normal	Severe
0810	PRAKASAM	TARLUPADU	Moderate	Severe
0811	PRAKASAM	KONAKANAMITLA	Severe	Severe
0812	PRAKASAM	PODILI	Severe	Severe
0813	PRAKASAM	DARSI	Severe	Severe
0814	PRAKASAM	MUNDLAMURU	Severe	Severe



0815	PRAKASAM	THALLUR	Severe	Severe
0816	PRAKASAM	ADDANKI	Severe	Severe
0817	PRAKASAM	BALLIKURAVA	Severe	Severe
0818	PRAKASAM	SANTHAMAGULURU	Severe	Severe
0819	PRAKASAM	YEDDANAPUDI	Severe	Severe
0820	PRAKASAM	MARTUR	Severe	Severe
0821	PRAKASAM	PARCHUR	Moderate	Severe
0822	PRAKASAM	KARAMCHEDU	Severe	Severe
0823	PRAKASAM	CHIRALA	Moderate	Severe
0824	PRAKASAM	VETAPALEM	Moderate	Severe
0825	PRAKASAM	INKOLLU	Severe	Severe
0826	PRAKASAM	JANAKAVARAMPANGULURU	Severe	Severe
0827	PRAKASAM	KORISAPADU	Severe	Severe
0828	PRAKASAM	MADDIPADU	Severe	Severe
0829	PRAKASAM	CHIMAKURTHI	Severe	Severe
0830	PRAKASAM	MARRIPUDI	Severe	Severe
0831	PRAKASAM	KANIGIRI	Severe	Severe
0832	PRAKASAM	HANUMANTHUNIPADU	Moderate	Severe
0833	PRAKASAM	BESTAWARIPETA	Moderate	Severe
0834	PRAKASAM	CUMBUM	Moderate	Severe
0835	PRAKASAM	RACHERLA	Moderate	Severe
0836	PRAKASAM	GIDDALUR	Moderate	Severe
0837	PRAKASAM	KOMAROLU	Severe	Severe
0838	PRAKASAM	CHANDRASEKHARA PURAM	Severe	Severe
0839	PRAKASAM	VELIGANDLA	Severe	Severe
0840	PRAKASAM	PEDACHERLO PALLE	Severe	Severe
0841	PRAKASAM	PONNALURU	Severe	Severe
0842	PRAKASAM	KONDAPI	Severe	Severe
0843	PRAKASAM	SANTHANUTHALA PADU	Severe	Severe
0844	PRAKASAM	ONGOLE	Severe	Severe
0845	PRAKASAM	NAGULUPPALAPADU	Severe	Severe
0846	PRAKASAM	CHINAGANJAM	Severe	Severe
0847	PRAKASAM	KOTHA PATNAM	Severe	Severe
0848	PRAKASAM	TANGUTUR	Severe	Severe
0849	PRAKASAM	ZARUGUMILLI	Severe	Severe
0850	PRAKASAM	KANDUKUR	Severe	Severe
0851	PRAKASAM	VOLETIVARIPALEM	Severe	Severe
0852	PRAKASAM	PAMUR	Severe	Severe
0853	PRAKASAM	LINGASAMUDRAM	Severe	Severe
0854	PRAKASAM	GUDLURU	Severe	Severe
0855	PRAKASAM	ULAVAPADU	Severe	Severe
0856	PRAKASAM	SINGARAYAKONDA	Severe	Severe
0901	POTTI SRIRAMULU NELLORE	SEETHARAMAPURAM	Severe	Severe
0902	POTTI SRIRAMULU NELLORE	VARIKUNTAPADU	Severe	Severe



0903	POTTI SRIRAMULU NELLORE	KONDAPURAM	Severe	Severe
0904	POTTI SRIRAMULU NELLORE	JALADANKI	Severe	Severe
0905	POTTI SRIRAMULU NELLORE	KAVALI	Severe	Severe
0906	POTTI SRIRAMULU NELLORE	BOGOLE	Severe	Severe
0907	POTTI SRIRAMULU NELLORE	KALIGIRI	Severe	Severe
0908	POTTI SRIRAMULU NELLORE	VINJAMUR	Severe	Severe
0909	POTTI SRIRAMULU NELLORE	DUTTALUR	Severe	Severe
0910	POTTI SRIRAMULU NELLORE	UDAYAGIRI	Severe	Severe
0911	POTTI SRIRAMULU NELLORE	MARRIPADU	Severe	Severe
0912	POTTI SRIRAMULU NELLORE	ATMAKUR	Moderate	Severe
0913	POTTI SRIRAMULU NELLORE	ANUMASAMUDRAMPETA	Severe	Severe
0914	POTTI SRIRAMULU NELLORE	DAGADARTHI	Severe	Severe
0915	POTTI SRIRAMULU NELLORE	ALLUR	Severe	Severe
0916	POTTI SRIRAMULU NELLORE	VIDAVALUR	Severe	Severe
0917	POTTI SRIRAMULU NELLORE	KODAVALUR	Severe	Severe
0918	POTTI SRIRAMULU NELLORE	BUCHIREDDIPALEM	Severe	Severe
0919	POTTI SRIRAMULU NELLORE	SANGAM	Severe	Severe
0920	POTTI SRIRAMULU NELLORE	CHEJERLA	Moderate	Severe
0921	POTTI SRIRAMULU NELLORE	ANANTHASAGARAM	Normal	Severe
0922	POTTI SRIRAMULU NELLORE	KALUVOYA	Moderate	Severe
0923	POTTI SRIRAMULU NELLORE	RAPUR	Moderate	Severe
0924	POTTI SRIRAMULU NELLORE	PODALAKUR	Moderate	Severe
0925	POTTI SRIRAMULU NELLORE	NELLORE	Severe	Severe
0926	POTTI SRIRAMULU NELLORE	KOVUR	Severe	Severe
0927	POTTI SRIRAMULU NELLORE	INDUKURPET	Moderate	Severe
0928	POTTI SRIRAMULU NELLORE	THOTAPALLIGUDUR	Severe	Severe
0929	POTTI SRIRAMULU NELLORE	MUTHUKUR	Severe	Severe
0930	POTTI SRIRAMULU NELLORE	VENKATACHALAM	Severe	Severe
0931	POTTI SRIRAMULU NELLORE	MANUBOLU	Severe	Severe
0932	POTTI SRIRAMULU NELLORE	GUDUR	Severe	Severe
0933	POTTI SRIRAMULU NELLORE	SYDAPURAM	Normal	Severe
0934	POTTI SRIRAMULU NELLORE	DAKKILI	Moderate	Severe
0935	POTTI SRIRAMULU NELLORE	VENKATAGIRI	Moderate	Severe
0936	POTTI SRIRAMULU NELLORE	BALAYAPALLE	Moderate	Severe
0937	POTTI SRIRAMULU NELLORE	OJILI	Severe	Severe
0938	POTTI SRIRAMULU NELLORE	CHILLAKUR	Moderate	Severe
0939	POTTI SRIRAMULU NELLORE	KOTA	Moderate	Severe
0940	POTTI SRIRAMULU NELLORE	VAKADU	Severe	Severe
0941	POTTI SRIRAMULU NELLORE	CHITTAMUR	Severe	Severe
0942	POTTI SRIRAMULU NELLORE	NAIDUPET	Severe	Severe
0943	POTTI SRIRAMULU NELLORE	PELLAKUR	Severe	Severe
0944	POTTI SRIRAMULU NELLORE	DORAVARISATRAM	Moderate	Severe
0945	POTTI SRIRAMULU NELLORE	SULLURPETA	Severe	Severe
0946	POTTI SRIRAMULU NELLORE	TADA	Severe	Severe



1001	CHITTOOR	PEDDAMANDYAM	Severe	Severe
1002	CHITTOOR	THAMBALLAPALLE	Severe	Severe
1003	CHITTOOR	MULAKALACHERUVU	Severe	Severe
1004	CHITTOOR	PEDDA THIPPASAMUDRAM	Severe	Severe
1005	CHITTOOR	B.KOTHAKOTA	Moderate	Severe
1006	CHITTOOR	KURABALAKOTA	Moderate	Severe
1007	CHITTOOR	GURRAMKONDA	Moderate	Severe
1008	CHITTOOR	KALAKADA	Severe	Severe
1009	CHITTOOR	KAMBHAMVARIPALLE	Severe	Severe
1010	CHITTOOR	YERRAVARIPALEM	Moderate	Severe
1011	CHITTOOR	TIRUPATI (URBAN)	Moderate	Severe
1012	CHITTOOR	RENIGUNTA	Moderate	Severe
1013	CHITTOOR	YERPEDU	Severe	Severe
1014	CHITTOOR	SRIKALAHASTI	Severe	Severe
1015	CHITTOOR	THOTTAMBEDU	Severe	Severe
1016	CHITTOOR	BUCHINAIDU KANDRIGA	Severe	Severe
1017	CHITTOOR	VARADAIAHPALEM	Severe	Severe
1018	CHITTOOR	SATYAVEDU	Severe	Severe
1019	CHITTOOR	NAGALAPURAM	Severe	Severe
1020	CHITTOOR	PICHATUR	Severe	Severe
1021	CHITTOOR	VIJAYAPURAM	Severe	Severe
1022	CHITTOOR	NINDRA	Severe	Severe
1023	CHITTOOR	K.V.B.PURAM	Severe	Severe
1024	CHITTOOR	NARAYANAVANAM	Severe	Severe
1025	CHITTOOR	VADAMALAPETA	Severe	Severe
1026	CHITTOOR	TIRUPATI (RURAL)	Severe	Severe
1027	CHITTOOR	RAMACHANDRAPURAM	Severe	Severe
1028	CHITTOOR	CHANDRAGIRI	Severe	Severe
1029	CHITTOOR	CHINNAGOTTIGALLU	Moderate	Severe
1030	CHITTOOR	ROMPICHERLA	Moderate	Severe
1031	CHITTOOR	PILERU	Severe	Severe
1032	CHITTOOR	KALIKIRI	Severe	Severe
1033	CHITTOOR	VAYALPAD	Severe	Severe
1034	CHITTOOR	NIMMANAPALLE	Moderate	Severe
1035	CHITTOOR	MADANAPALLE	Normal	Severe
1036	CHITTOOR	RAMASAMUDRAM	Normal	Moderate
1037	CHITTOOR	PUNGANUR	Normal	Moderate
1038	CHITTOOR	CHOWDEPALLE	Normal	Severe
1039	CHITTOOR	SOMALA	Severe	Severe
1040	CHITTOOR	SODAM	Moderate	Severe
1041	CHITTOOR	PULICHERLA	Normal	Moderate
1042	CHITTOOR	PAKALA	Normal	Normal
1043	CHITTOOR	VEDURUKUPPAM	Moderate	Moderate
1044	CHITTOOR	PUTTUR	Severe	Severe



1045	CHITTOOR	NAGARI	Severe	Severe
1046	CHITTOOR	KARVETINAGAR	Severe	Severe
1047	CHITTOOR	SRIRANGARAJAPURAM	Severe	Severe
1048	CHITTOOR	PALASAMUDRAM	Severe	Severe
1049	CHITTOOR	GANGADHARANELLORE	Severe	Severe
1050	CHITTOOR	PENUMURU	Severe	Severe
1051	CHITTOOR	PUTHALAPATTU	Severe	Severe
1052	CHITTOOR	IRALA	Normal	Severe
1053	CHITTOOR	THAVANAMPALLE	Moderate	Severe
1054	CHITTOOR	CHITTOOR	Severe	Severe
1055	CHITTOOR	GUDIPALA	Severe	Severe
1056	CHITTOOR	YADAMARRI	Moderate	Moderate
1057	CHITTOOR	BANGARUPALEM	Normal	Normal
1058	CHITTOOR	PALAMANER	Severe	Severe
1059	CHITTOOR	GANGAVARAM	Normal	Moderate
1060	CHITTOOR	PEDDAPANJANI	Moderate	Severe
1061	CHITTOOR	BAIREDDIPALLE	Severe	Severe
1062	CHITTOOR	VENKATAGIRIKOTA	Severe	Moderate
1063	CHITTOOR	RAMAKUPPAM	Severe	Severe
1064	CHITTOOR	SANTHIPURAM	Severe	Severe
1065	CHITTOOR	GUDUPALLE	Severe	Severe
1066	CHITTOOR	KUPPAM	Severe	Severe
1101	YSR KADAPA	KONDAPURAM	Severe	Severe
1102	YSR KADAPA	MYLAVARAM	Severe	Normal
1103	YSR KADAPA	PEDDAMUDIUM	Severe	Normal
1104	YSR KADAPA	RAJUPALEM	Severe	Severe
1105	YSR KADAPA	DUVVUR	Severe	Severe
1106	YSR KADAPA	S.MYDUKUR	Severe	Severe
1107	YSR KADAPA	BRAHMAMGARIMATTAM	Severe	Severe
1108	YSR KADAPA	B.KODUR	Severe	Severe
1109	YSR KADAPA	KALASAPADU	Severe	Severe
1110	YSR KADAPA	PORUMAMILLA	Severe	Severe
1111	YSR KADAPA	BADVEL	Severe	Severe
1112	YSR KADAPA	GOPAVARAM	Severe	Severe
1113	YSR KADAPA	KHAJIPET	Severe	Severe
1114	YSR KADAPA	CHAPAD	Severe	Severe
1115	YSR KADAPA	PRODDATUR	Severe	Severe
1116	YSR KADAPA	JAMMALAMADUGU	Severe	Severe
1117	YSR KADAPA	MUDDANUR	Severe	Severe
1118	YSR KADAPA	SIMHADRIPURAM	Severe	Moderate
1119	YSR KADAPA	LINGALA	Severe	Moderate
1120	YSR KADAPA	PULIVENDLA	Severe	Severe
1121	YSR KADAPA	VEMULA	Moderate	Severe
1122	YSR KADAPA	THONDUR	Severe	Severe



1123	YSR KADAPA	VEERAPUNAYUNIPALLE	Severe	Severe
1124	YSR KADAPA	YERRAGUNTLA	Severe	Severe
1125	YSR KADAPA	KAMALAPURAM	Severe	Severe
1126	YSR KADAPA	VALLUR	Severe	Severe
1127	YSR KADAPA	CHENNUR	Severe	Severe
1128	YSR KADAPA	ATLUR	Severe	Severe
1129	YSR KADAPA	VONTIMITTA	Severe	Severe
1130	YSR KADAPA	SIDHOUT	Moderate	Severe
1131	YSR KADAPA	YSR KADAPA	Severe	Severe
1132	YSR KADAPA	CHINTHAKOMMADINNE	Severe	Severe
1133	YSR KADAPA	PENDLIMARRI	Severe	Severe
1134	YSR KADAPA	VEMPALLE	Severe	Severe
1135	YSR KADAPA	CHAKRAYAPET	Severe	Severe
1136	YSR KADAPA	LAKKIREDDIPALLE	Severe	Severe
1137	YSR KADAPA	RAMAPURAM	Severe	Severe
1138	YSR KADAPA	VEERABALLE	Severe	Severe
1139	YSR KADAPA	RAJAMPET	Severe	Severe
1140	YSR KADAPA	NANDALUR	Severe	Severe
1141	YSR KADAPA	PENAGALUR	Severe	Severe
1142	YSR KADAPA	CHITVEL	Moderate	Severe
1143	YSR KADAPA	KODUR	Moderate	Severe
1144	YSR KADAPA	OBULAVARIPALLE	Severe	Severe
1145	YSR KADAPA	PULLAMPETA	Severe	Severe
1146	YSR KADAPA	T SUNDUPALLE	Severe	Severe
1147	YSR KADAPA	SAMBEPALLE	Severe	Severe
1148	YSR KADAPA	CHINNAMANDEM	Severe	Severe
1149	YSR KADAPA	RAYACHOTI	Severe	Severe
1150	YSR KADAPA	GALIVEEDU	Severe	Severe
1151	YSR KADAPA	SRI AVADHUTHA KASINAYANA	Severe	Severe
1201	ANANTAPURAM	D.HIREHAL	Severe	Severe
1202	ANANTAPURAM	BOMMANAHAL	Severe	Severe
1203	ANANTAPURAM	VIDAPANAKAL	Severe	Moderate
1204	ANANTAPURAM	VAJRAKARUR	Severe	Moderate
1205	ANANTAPURAM	GUNTAKAL	Severe	Severe
1206	ANANTAPURAM	GOOTY	Severe	Severe
1207	ANANTAPURAM	PEDDAVADUGUR	Severe	Moderate
1208	ANANTAPURAM	YADIKI	Moderate	Moderate
1209	ANANTAPURAM	TADPATRI	Severe	Severe
1210	ANANTAPURAM	PEDDAPAPPUR	Moderate	Moderate
1211	ANANTAPURAM	SINGANAMALA	Severe	Severe
1212	ANANTAPURAM	PAMIDI	Severe	Severe
1213	ANANTAPURAM	GARLADINNE	Severe	Severe
1214	ANANTAPURAM	KUDAIR	Severe	Moderate
1215	ANANTAPURAM	URAVAKONDA	Severe	Normal



1216	ANANTAPURAM	BELUGUPPA	Severe	Normal
1217	ANANTAPURAM	KANEKAL	Severe	Severe
1218	ANANTAPURAM	RAYADURG	Severe	Moderate
1219	ANANTAPURAM	GUMMAGATTA	Severe	Severe
1220	ANANTAPURAM	BRAHMASAMUDRAM	Severe	Normal
1221	ANANTAPURAM	SETTUR	Severe	Moderate
1222	ANANTAPURAM	KUNDURPI	Severe	Severe
1223	ANANTAPURAM	KALYANDURG	Severe	Normal
1224	ANANTAPURAM	ATMAKUR	Severe	Moderate
1225	ANANTAPURAM	ANANTAPURAM	Severe	Moderate
1226	ANANTAPURAM	BUKKARAYA SAMUDRAM	Severe	Severe
1227	ANANTAPURAM	NARPALA	Severe	Severe
1228	ANANTAPURAM	PUTLUR	Severe	Severe
1229	ANANTAPURAM	YELLANUR	Severe	Moderate
1230	ANANTAPURAM	TADIMARRI	Severe	Severe
1231	ANANTAPURAM	BATHALAPALLE	Severe	Moderate
1232	ANANTAPURAM	RAPTADU	Severe	Normal
1233	ANANTAPURAM	KANAGANAPALLE	Severe	Normal
1234	ANANTAPURAM	KAMBADUR	Severe	Moderate
1235	ANANTAPURAM	RAMAGIRI	Severe	Normal
1236	ANANTAPURAM	CHENNEKOTHAPALLE	Severe	Normal
1237	ANANTAPURAM	DHARMAVARAM	Severe	Severe
1238	ANANTAPURAM	MUDIGUBBA	Severe	Moderate
1239	ANANTAPURAM	TALUPULA	Severe	Severe
1240	ANANTAPURAM	NAMBULIPULIKUNTA	Severe	Severe
1241	ANANTAPURAM	TANAKAL	Severe	Severe
1242	ANANTAPURAM	NALLACHERUVU	Severe	Severe
1243	ANANTAPURAM	GANDLAPENTA	Severe	Severe
1244	ANANTAPURAM	KADIRI	Severe	Severe
1245	ANANTAPURAM	AMADAGUR	Severe	Severe
1246	ANANTAPURAM	OBULADEVARACHERUVU	Severe	Severe
1247	ANANTAPURAM	NALLAMADA	Severe	Severe
1248	ANANTAPURAM	GORANTLA	Severe	Severe
1249	ANANTAPURAM	PUTTAPARTHI	Severe	Severe
1250	ANANTAPURAM	BUKKAPATNAM	Severe	Severe
1251	ANANTAPURAM	KOTHACHERUVU	Severe	Moderate
1252	ANANTAPURAM	PENUKONDA	Moderate	Severe
1253	ANANTAPURAM	RODDAM	Moderate	Moderate
1254	ANANTAPURAM	SOMANDEPALLE	Severe	Severe
1255	ANANTAPURAM	CHILAMATHUR	Severe	Severe
1256	ANANTAPURAM	LEPAKSHI	Severe	Severe
1257	ANANTAPURAM	HINDUPUR	Severe	Severe
1258	ANANTAPURAM	PARIGI	Moderate	Severe
1259	ANANTAPURAM	MADAKASIRA	Moderate	Severe



1260	ANANTAPURAM	GUDIBANDA	Moderate	Moderate
1261	ANANTAPURAM	AMARAPURAM	Severe	Severe
1262	ANANTAPURAM	AGALI	Normal	Normal
1263	ANANTAPURAM	ROLLA	Normal	Normal
1301	KURNOOL	KOWTHALAM	Severe	Severe
1302	KURNOOL	KOSIGI	Severe	Severe
1303	KURNOOL	MANTRALAYAM	Moderate	Moderate
1304	KURNOOL	NANDAVARAM	Severe	Moderate
1305	KURNOOL	C.BELAGAL	Severe	Moderate
1306	KURNOOL	GUDUR	Moderate	Normal
1307	KURNOOL	KURNOOL	Moderate	Normal
1308	KURNOOL	NANDIKOTKUR	Severe	Moderate
1309	KURNOOL	PAGIDYALA	Severe	Severe
1310	KURNOOL	KOTHAPALLE	Severe	Severe
1311	KURNOOL	ATMAKUR	Severe	Severe
1312	KURNOOL	SRISAILAM	#DIV/0!	#DIV/0!
1313	KURNOOL	VELGODE	Severe	Severe
1314	KURNOOL	PAMULAPADU	Moderate	Severe
1315	KURNOOL	JUPADU BUNGALOW	Moderate	Normal
1316	KURNOOL	MIDTHUR	Severe	Moderate
1317	KURNOOL	ORVAKAL	Normal	Severe
1318	KURNOOL	KALLUR	Normal	Moderate
1319	KURNOOL	KODUMUR	Normal	Severe
1320	KURNOOL	GONEGANDLA	Severe	Moderate
1321	KURNOOL	YEMMIGANUR	Moderate	Severe
1322	KURNOOL	PEDDA KADUBUR	Severe	Severe
1323	KURNOOL	ADONI	Severe	Moderate
1324	KURNOOL	HOLAGUNDA	Moderate	Normal
1325	KURNOOL	ALUR	Severe	Normal
1326	KURNOOL	ASPARI	Severe	Normal
1327	KURNOOL	DEVANAKONDA	Severe	Normal
1328	KURNOOL	KRISHNAGIRI	Moderate	Severe
1329	KURNOOL	VELDURTHI	Normal	Severe
1330	KURNOOL	BETHAMCHERLA	Normal	Severe
1331	KURNOOL	PANYAM	Normal	Severe
1332	KURNOOL	GADIVEMULA	Normal	Severe
1333	KURNOOL	BANDI ATMAKUR	Normal	Severe
1334	KURNOOL	NANDYAL	Normal	Severe
1335	KURNOOL	MAHANANDI	Moderate	Severe
1336	KURNOOL	SIRVEL	Moderate	Severe
1337	KURNOOL	RUDRAVARAM	Moderate	Severe
1338	KURNOOL	ALLAGADDA	Severe	Severe
1339	KURNOOL	CHAGALAMARRI	Severe	Severe
1340	KURNOOL	UYYALAWADA	Severe	Normal



1341	KURNOOL	DORNIPADU	Normal	Severe
1342	KURNOOL	GOSPADU	Normal	Severe
1343	KURNOOL	KOILKUNTLA	Normal	Severe
1344	KURNOOL	BANAGANAPALLE	Normal	Severe
1345	KURNOOL	SANJAMALA	Moderate	Moderate
1346	KURNOOL	KOLIMIGUNDLA	Moderate	Moderate
1347	KURNOOL	OWK	Normal	Moderate
1348	KURNOOL	PEAPALLY	Severe	Severe
1349	KURNOOL	DHONE	Severe	Severe
1350	KURNOOL	TUGGALI	Severe	Moderate
1351	KURNOOL	PATTIKONDA	Severe	Normal
1352	KURNOOL	MADDIKERA (EAST)	Severe	Normal
1353	KURNOOL	CHIPPAGIRI	Severe	Normal
1354	KURNOOL	HALAHARVI	Severe	Moderate
