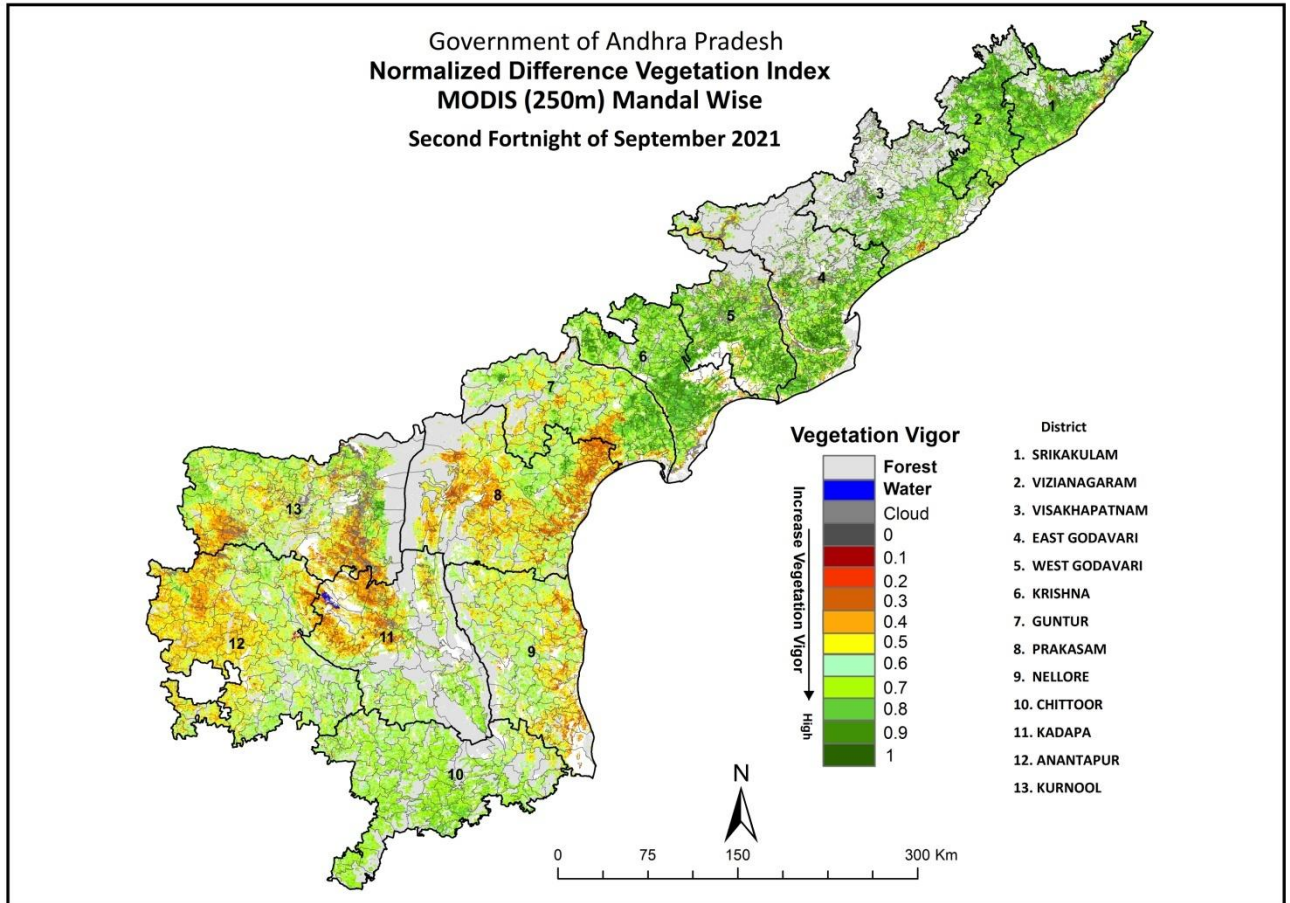




Technical Report: Drought Monitoring

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



Prepared by

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Prepared for

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Background

Advancements in satellite remote sensing technology has enabled regular monitoring of crop conditions/vigour over large regions. Among the various spectral vegetation indices commonly derived from remote sensing data, Normalized Difference Vegetation Index (NDVI) is most widely used for operational assessment of drought owing to the ease in calculation and interpretation and also its ability to partially compensate for the effects of atmosphere, illumination geometry etc. NDVI is derived using the formula $(NIR - Red) / (NIR + Red)$, where NIR and Red are the reflectance in visible and near infrared channels. Water, clouds and snow have higher reflectance in the visible region and consequently NDVI assumes negative values for these features. Bare soil and rocks exhibit similar reflectance in both visible and near IR regions and the index values are near zero. The NDVI values for vegetation generally range from 0.2 to 0.6, the higher index values being associated with greater green leaf area and biomass. Shortwave Infrared (SWIR) band is sensitive to moisture available in soil as well as in crop canopy. In the beginning of the cropping season, soil background is dominant hence SWIR is sensitive to soil moisture in the top 12 cm. As the crop growth progresses, SWIR becomes sensitive to leaf moisture content. SWIR band provides only surface wetness information. Normalized Difference Wetness Index (NDWI), computed using SWIR data, can complement NDVI for drought assessment particularly in the beginning of the cropping season. NDWI is derived as follows: $NDWI = (NIR - SWIR) / (NIR + SWIR)$ where, NIR and SWIR are the reflected radiation in NearInfrared 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 September 2021.

Sno.	District	Total No. of Mandals	VCI		
			Normal	Moderate	Severe
1	ANANTAPURAM	63	30	26	7
2	CHITTOOR	66	60	5	1
3	EAST GODAVARI	64	11	18	35
4	GUNTUR	57	16	7	34
5	KRISHNA	50	28	7	15
6	KURNOOL(1)	54	12	19	22
7	NELLORE	46	18	17	11
8	PRAKASAM	56	10	23	23
9	SRIKAKULAM	38	12	8	18
10	VISAKHAPATNAM(1)	43	15	17	10
11	VIZIANAGARAM	34	14	10	10
12	WEST GODAVARI	48	17	11	20
13	YSR KADAPA	51	32	11	8
	Grand Total	670	275	179	214

Note:

- Two mandals excluded from the assessment. (Visakhapatnam urban and Srisailem).
- Visakhapatnam urban (Visakhapatnam dist.) is excluded because the mandal is covered predominantly with urban area and Srisailem mandal (Kurnool district) is mostly covered with forest followed by urban area. Both the mandals have insignificant crop fields and those cannot be detected with MODIS250m. satellite data.

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

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



0122	SRIKAKULAM	NARASANNAPETA	Normal	Normal	Normal
0123	SRIKAKULAM	JALUMURU	Normal	Normal	Normal
0124	SRIKAKULAM	SARAVAKOTA	Severe	Severe	Severe
0125	SRIKAKULAM	PATHAPATNAM	Severe	Severe	Severe
0126	SRIKAKULAM	MELIAPUTTI	Severe	Normal	Severe
0127	SRIKAKULAM	TEKKALI	Moderate	Normal	Moderate
0128	SRIKAKULAM	KOTABOMMALI	Normal	Normal	Normal
0129	SRIKAKULAM	SANTHABOMMALI	Severe	Severe	Severe
0130	SRIKAKULAM	NANDIGAM	Severe	Severe	Severe
0131	SRIKAKULAM	VAJRAPUKOTHURU	Severe	Severe	Severe
0132	SRIKAKULAM	PALASA	Severe	Severe	Severe
0133	SRIKAKULAM	MANDASA	Severe	Normal	Severe
0134	SRIKAKULAM	SOMPETA	Severe	Severe	Severe
0135	SRIKAKULAM	KANCHILI	Severe	Moderate	Severe
0136	SRIKAKULAM	KAVITI	Moderate	Moderate	Moderate
0137	SRIKAKULAM	ICHCHAPURAM	Severe	Moderate	Severe
0138	SRIKAKULAM	LAKSHMINARSUPETA	Severe	Severe	Severe
0201	VIZIANAGARAM	KOMARADA	Severe	Severe	Severe
0202	VIZIANAGARAM	GUMMALAKSHMIPURAM	Moderate	Severe	Severe
0203	VIZIANAGARAM	KURUPAM	Moderate	Normal	Moderate
0204	VIZIANAGARAM	JIYYAMMAVALASA	Severe	Moderate	Severe
0205	VIZIANAGARAM	GARUGUBILLI	Moderate	Moderate	Moderate
0206	VIZIANAGARAM	PARVATHIPURAM	Normal	Normal	Normal
0207	VIZIANAGARAM	MAKKUVA	Severe	Severe	Severe
0208	VIZIANAGARAM	SEETHANAGARAM	Normal	Normal	Normal
0209	VIZIANAGARAM	BALIJPETA	Moderate	Moderate	Moderate
0210	VIZIANAGARAM	BOBBILI	Normal	Moderate	Moderate
0211	VIZIANAGARAM	SALUR	Severe	Severe	Severe
0212	VIZIANAGARAM	PACHIPENTA	Severe	Severe	Severe
0213	VIZIANAGARAM	RAMABHADRAPURAM	Normal	Moderate	Moderate
0214	VIZIANAGARAM	BADANGI	Moderate	Normal	Moderate
0215	VIZIANAGARAM	THERLAM	Normal	Normal	Normal
0216	VIZIANAGARAM	MERAKAMUDIDAM	Normal	Normal	Normal
0217	VIZIANAGARAM	DATTIRAJERU	Moderate	Normal	Moderate
0218	VIZIANAGARAM	MENTADA	Severe	Moderate	Severe
0219	VIZIANAGARAM	GAJAPATHINAGARAM	Moderate	Normal	Moderate
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	Moderate	Normal	Moderate
0226	VIZIANAGARAM	BHOGAPURAM	Severe	Moderate	Severe
0227	VIZIANAGARAM	DENKADA	Severe	Moderate	Severe
0228	VIZIANAGARAM	VIZIANAGARAM	Normal	Normal	Normal
0229	VIZIANAGARAM	GANTYADA	Moderate	Moderate	Moderate
0230	VIZIANAGARAM	SRUNGAVARAPUKOTA	Moderate	Severe	Severe
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	Severe	Severe	Severe
0302	VISAKHAPATNAM	PEDABAYALU	Severe	Severe	Severe
0303	VISAKHAPATNAM	HUKUMPETA	Moderate	Moderate	Moderate
0304	VISAKHAPATNAM	DUMBRIGUDA	Moderate	Moderate	Moderate
0305	VISAKHAPATNAM	ARUKU VALLEY	Severe	Moderate	Severe
0306	VISAKHAPATNAM	ANANTHAGIRI	Severe	Severe	Severe
0307	VISAKHAPATNAM	DEVARAPALLE	Moderate	Moderate	Moderate
0308	VISAKHAPATNAM	CHEEDIKADA	Normal	Normal	Normal



0309	VISAKHAPATNAM	MADUGULA	Moderate	Moderate	Moderate
0310	VISAKHAPATNAM	PADERU	Severe	Severe	Severe
0311	VISAKHAPATNAM	G MADUGULA	Severe	Severe	Severe
0312	VISAKHAPATNAM	CHINTAPALLE	Severe	Severe	Severe
0313	VISAKHAPATNAM	G K VEEDHI	Severe	Severe	Severe
0314	VISAKHAPATNAM	KOYYURU	Moderate	Moderate	Moderate
0315	VISAKHAPATNAM	GOLUGONDA	Moderate	Normal	Moderate
0316	VISAKHAPATNAM	NATHAVARAM	Moderate	Severe	Severe
0317	VISAKHAPATNAM	NARSIPATNAM	Normal	Normal	Normal
0318	VISAKHAPATNAM	ROLUGUNTA	Normal	Normal	Normal
0319	VISAKHAPATNAM	RAVIKAMATAM	Moderate	Moderate	Moderate
0320	VISAKHAPATNAM	BUTCHAYAPETA	Moderate	Moderate	Moderate
0321	VISAKHAPATNAM	CHODAVARAM	Moderate	Moderate	Moderate
0322	VISAKHAPATNAM	K KOTAPADU	Moderate	Normal	Moderate
0323	VISAKHAPATNAM	SABBAVARAM	Normal	Normal	Normal
0324	VISAKHAPATNAM	PENDURTHI	Moderate	Normal	Moderate
0325	VISAKHAPATNAM	ANANDAPURAM	Normal	Normal	Normal
0326	VISAKHAPATNAM	PADMANABHAM	Normal	Normal	Normal
0327	VISAKHAPATNAM	BHEEMUNIPATNAM	Moderate	Normal	Moderate
0328	VISAKHAPATNAM	VISAKHAPATNAM(R)	Normal	Normal	Normal
0329	VISAKHAPATNAM	VISAKHAPATNAM(U)	N/A	N/A	N/A
0330	VISAKHAPATNAM	GAJUWAKA	Moderate	Normal	Moderate
0331	VISAKHAPATNAM	PEDAGANTYADA	Moderate	Normal	Moderate
0332	VISAKHAPATNAM	PARAVADA	Normal	Normal	Normal
0333	VISAKHAPATNAM	ANAKAPALLI	Normal	Normal	Normal
0334	VISAKHAPATNAM	MUNAGAPAKA	Normal	Normal	Normal
0335	VISAKHAPATNAM	KASIMKOTA	Normal	Normal	Normal
0336	VISAKHAPATNAM	MAKAVARAPALEM	Normal	Normal	Normal
0337	VISAKHAPATNAM	KOTAURATLA	Normal	Normal	Normal
0338	VISAKHAPATNAM	PAYAKARAOPETA	Moderate	Moderate	Moderate
0339	VISAKHAPATNAM	NAKKAPALLI	Normal	Normal	Normal
0340	VISAKHAPATNAM	S RAYAVARAM	Moderate	Normal	Moderate
0341	VISAKHAPATNAM	YELAMANCHILI	Moderate	Normal	Moderate
0342	VISAKHAPATNAM	RAMBILLI	Severe	Normal	Severe
0343	VISAKHAPATNAM	ATCHUTAPURAM	Normal	Normal	Normal
0401	EAST GODAVARI	MAREDUMILLI	Moderate	Moderate	Moderate
0402	EAST GODAVARI	Y.RAMAVARAM	Normal	Normal	Normal
0403	EAST GODAVARI	ADDATEEGALA	Normal	Normal	Normal
0404	EAST GODAVARI	RAJAVOMMANGI	Moderate	Moderate	Moderate
0405	EAST GODAVARI	KOTANANDURU	Normal	Normal	Normal
0406	EAST GODAVARI	TUNI	Moderate	Moderate	Moderate
0407	EAST GODAVARI	THONDANGI	Normal	Severe	Severe
0408	EAST GODAVARI	GOLLAPROLU	Severe	Severe	Severe
0409	EAST GODAVARI	SANKHAVARAM	Severe	Severe	Severe
0410	EAST GODAVARI	PRATHIPADU	Severe	Severe	Severe
0411	EAST GODAVARI	YELESWARAM	Severe	Severe	Severe
0412	EAST GODAVARI	GANGAVARAM	Severe	Severe	Severe
0413	EAST GODAVARI	RAMPACHODAVARAM	Severe	Severe	Severe
0414	EAST GODAVARI	DEVIPATNAM	Severe	Severe	Severe
0415	EAST GODAVARI	SEETHANAGARAM	Severe	Moderate	Severe
0416	EAST GODAVARI	KORUKONDA	Normal	Normal	Normal
0417	EAST GODAVARI	GOKAVARAM	Severe	Severe	Severe
0418	EAST GODAVARI	JAGGAMPETA	Severe	Severe	Severe
0419	EAST GODAVARI	KIRLAMPUDI	Severe	Severe	Severe
0420	EAST GODAVARI	PEDDAPURAM	Severe	Moderate	Severe
0421	EAST GODAVARI	PITHAPURAM	Severe	Normal	Severe
0422	EAST GODAVARI	KOTHAPALLE	Severe	Severe	Severe
0423	EAST GODAVARI	KAKINADA (RURAL)	Severe	Moderate	Severe
0424	EAST GODAVARI	KAKINADA (URBAN)	Normal	Normal	Normal



0425	EAST GODAVARI	SAMALKOTA	Severe	Severe	Severe
0426	EAST GODAVARI	RANGAMPETA	Severe	Moderate	Severe
0427	EAST GODAVARI	GANDEPALLE	Severe	Severe	Severe
0428	EAST GODAVARI	RAJANAGARAM	Severe	Moderate	Severe
0429	EAST GODAVARI	RAJAHMUNDRY (URBAN)	Severe	Severe	Severe
0430	EAST GODAVARI	RAJAHMUNDRY (RURAL)	Severe	Severe	Severe
0431	EAST GODAVARI	KADIAM	Moderate	Normal	Moderate
0432	EAST GODAVARI	MANDAPETA	Moderate	Normal	Moderate
0433	EAST GODAVARI	ANAPARTHY	Severe	Normal	Severe
0434	EAST GODAVARI	BICCAVOLU	Moderate	Normal	Moderate
0435	EAST GODAVARI	PEDAPUDI	Moderate	Moderate	Moderate
0436	EAST GODAVARI	KARAPA	Moderate	Normal	Moderate
0437	EAST GODAVARI	THALLAREVU	Moderate	Normal	Moderate
0438	EAST GODAVARI	KAJULURU	Severe	Moderate	Severe
0439	EAST GODAVARI	RAMACHANDRAPURAM	Normal	Normal	Normal
0440	EAST GODAVARI	RAYAVARAM	Moderate	Normal	Moderate
0441	EAST GODAVARI	KAPILESWARAPURAM	Severe	Severe	Severe
0442	EAST GODAVARI	ALAMURU	Severe	Moderate	Severe
0443	EAST GODAVARI	ATREYAPURAM	Severe	Normal	Severe
0444	EAST GODAVARI	RAVULAPALEM	Severe	Severe	Severe
0445	EAST GODAVARI	PAMARRU	Moderate	Normal	Moderate
0446	EAST GODAVARI	KOTHAPETA	Severe	Severe	Severe
0447	EAST GODAVARI	P.GANNAVARAM	Moderate	Normal	Moderate
0448	EAST GODAVARI	AMBAJIPETA	Moderate	Normal	Moderate
0449	EAST GODAVARI	AINAVILLI	Severe	Moderate	Severe
0450	EAST GODAVARI	MUMMIDIVARAM	Moderate	Normal	Moderate
0451	EAST GODAVARI	I. POLAVARAM	Normal	Normal	Normal
0452	EAST GODAVARI	KATRENIKONA	Moderate	Moderate	Moderate
0453	EAST GODAVARI	UPPALAGUPTAM	Severe	Moderate	Severe
0454	EAST GODAVARI	AMALAPURAM	Normal	Normal	Normal
0455	EAST GODAVARI	ALLAVARAM	Moderate	Normal	Moderate
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	Moderate	Normal	Moderate
0460	EAST GODAVARI	ROWTHULAPUDI	Moderate	Moderate	Moderate
0461	EAST GODAVARI	NELLIPAKA	Severe	Moderate	Severe
0462	EAST GODAVARI	KUNAVARAM	Severe	Severe	Severe
0463	EAST GODAVARI	CHINTUR	Severe	Severe	Severe
0464	EAST GODAVARI	VARARAMACHANDRAPURAM	Severe	Severe	Severe
0501	WEST GODAVARI	JEELUGU MILLI	Normal	Normal	Normal
0502	WEST GODAVARI	BUTTAYAGUDEM	Moderate	Normal	Moderate
0503	WEST GODAVARI	POLAVARAM	Moderate	Normal	Moderate
0504	WEST GODAVARI	TALLAPUDI	Severe	Severe	Severe
0505	WEST GODAVARI	GOPALAPURAM	Severe	Severe	Severe
0506	WEST GODAVARI	KOYYALAGUDEM	Severe	Severe	Severe
0507	WEST GODAVARI	JANGAREDDIGUDEM	Severe	Moderate	Severe
0508	WEST GODAVARI	T.NARASAPURAM	Severe	Moderate	Severe
0509	WEST GODAVARI	CHINTALAPUDI	Normal	Normal	Normal
0510	WEST GODAVARI	LINGAPALEM	Normal	Normal	Normal
0511	WEST GODAVARI	KAMAVARAPUKOTA	Normal	Normal	Normal
0512	WEST GODAVARI	DWARAKA TIRUMALA	Severe	Moderate	Severe
0513	WEST GODAVARI	NALLAJERLA	Severe	Moderate	Severe
0514	WEST GODAVARI	DEVARAPALLE	Severe	Moderate	Severe
0515	WEST GODAVARI	CHAGALLU	Severe	Severe	Severe
0516	WEST GODAVARI	KOVVUR	Severe	Severe	Severe
0517	WEST GODAVARI	NIDADAVOLE	Normal	Normal	Normal
0518	WEST GODAVARI	TADEPALLIGUDEM	Moderate	Normal	Moderate
0519	WEST GODAVARI	UNGUTUR	Severe	Severe	Severe



0520	WEST GODAVARI	BHIMADOLE	Moderate	Normal	Moderate
0521	WEST GODAVARI	PEDAVEGI	Normal	Normal	Normal
0522	WEST GODAVARI	PEDAPADU	Normal	Normal	Normal
0523	WEST GODAVARI	ELURU	Normal	Normal	Normal
0524	WEST GODAVARI	DENDULURU	Normal	Normal	Normal
0525	WEST GODAVARI	NIDAMARRU	Moderate	Normal	Moderate
0526	WEST GODAVARI	GANAPAVARAM	Normal	Normal	Normal
0527	WEST GODAVARI	PENTAPADU	Severe	Moderate	Severe
0528	WEST GODAVARI	TANUKU	Severe	Moderate	Severe
0529	WEST GODAVARI	UNDRAJAVARAM	Moderate	Normal	Moderate
0530	WEST GODAVARI	PERAVALI	Severe	Moderate	Severe
0531	WEST GODAVARI	IRAGAVARAM	Severe	Normal	Severe
0532	WEST GODAVARI	ATTILI	Moderate	Normal	Moderate
0533	WEST GODAVARI	UNDI	Normal	Normal	Normal
0534	WEST GODAVARI	AKIVIDU	Moderate	Normal	Moderate
0535	WEST GODAVARI	KALLA	Severe	Moderate	Severe
0536	WEST GODAVARI	BHIMAVARAM	Severe	Moderate	Severe
0537	WEST GODAVARI	PALACODERU	Normal	Normal	Normal
0538	WEST GODAVARI	VEERAVASARAM	Normal	Normal	Normal
0539	WEST GODAVARI	PENUMANTRA	Normal	Normal	Normal
0540	WEST GODAVARI	PENUGONDA	Severe	Severe	Severe
0541	WEST GODAVARI	ACHANTA	Moderate	Moderate	Moderate
0542	WEST GODAVARI	PODURU	Normal	Normal	Normal
0543	WEST GODAVARI	PALACOLE	Normal	Normal	Normal
0544	WEST GODAVARI	YELAMANCHILI	Normal	Normal	Normal
0545	WEST GODAVARI	NARASAPURAM	Moderate	Moderate	Moderate
0546	WEST GODAVARI	MOGALTHUR	Moderate	Severe	Severe
0547	WEST GODAVARI	KUKUNOOR	Severe	Moderate	Severe
0548	WEST GODAVARI	VELAIRPADU	Moderate	Moderate	Moderate
0601	KRISHNA	JAGGAYYAPETA	Normal	Moderate	Moderate
0602	KRISHNA	VATSAVAI	Moderate	Severe	Severe
0603	KRISHNA	PENUGANCHIPROLU	Moderate	Severe	Severe
0604	KRISHNA	NANDIGAMA	Normal	Normal	Normal
0605	KRISHNA	CHANDARLAPADU	Moderate	Severe	Severe
0606	KRISHNA	KANCHIKACHERLA	Moderate	Severe	Severe
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	Moderate	Severe	Severe
0612	KRISHNA	GAMPALAGUDEM	Moderate	Severe	Severe
0613	KRISHNA	TIRUVURU	Normal	Normal	Normal
0614	KRISHNA	VISSANNAPET	Normal	Moderate	Moderate
0615	KRISHNA	REDDIGUDEM	Normal	Normal	Normal
0616	KRISHNA	VIJAYAWADA (URBAN)	Severe	Severe	Severe
0617	KRISHNA	VIJAYAWADA (RURAL)	Normal	Normal	Normal
0618	KRISHNA	PENAMALURU	Normal	Normal	Normal
0619	KRISHNA	THOTLAVALLURU	Normal	Normal	Normal
0620	KRISHNA	KANKIPADU	Normal	Normal	Normal
0621	KRISHNA	GANNAVARAM	Moderate	Normal	Moderate
0622	KRISHNA	AGIRIPALLE	Normal	Normal	Normal
0623	KRISHNA	NUZVID	Normal	Normal	Normal
0624	KRISHNA	CHATRAI	Normal	Normal	Normal
0625	KRISHNA	MUSUNURU	Normal	Normal	Normal
0626	KRISHNA	BAPULAPADU	Normal	Normal	Normal
0627	KRISHNA	UNGUTURU	Normal	Normal	Normal
0628	KRISHNA	VUYURU	Normal	Normal	Normal
0629	KRISHNA	PAMIDIMUKKALA	Normal	Normal	Normal
0630	KRISHNA	MOVVA	Normal	Normal	Normal



0631	KRISHNA	GHANTASALA	Normal	Normal	Normal
0632	KRISHNA	CHALLAPALLE	Normal	Normal	Normal
0633	KRISHNA	MOPIDEVI	Normal	Normal	Normal
0634	KRISHNA	AVANIGADDA	Normal	Moderate	Moderate
0635	KRISHNA	NAGAYALANKA	Moderate	Severe	Severe
0636	KRISHNA	KODURU	Moderate	Moderate	Moderate
0637	KRISHNA	MACHILIPATNAM	Normal	Severe	Severe
0638	KRISHNA	GUDURU	Normal	Normal	Normal
0639	KRISHNA	PAMARRU	Normal	Normal	Normal
0640	KRISHNA	PEDAPARUPUDI	Normal	Normal	Normal
0641	KRISHNA	NANDIVADA	Moderate	Moderate	Moderate
0642	KRISHNA	GUDIVADA	Normal	Normal	Normal
0643	KRISHNA	GUDLAVALLERU	Normal	Normal	Normal
0644	KRISHNA	PEDANA	Moderate	Moderate	Moderate
0645	KRISHNA	BANTUMILLI	Severe	Normal	Severe
0646	KRISHNA	MUDINEPALLE	Severe	Severe	Severe
0647	KRISHNA	MANDAVALLI	Severe	Severe	Severe
0648	KRISHNA	KAIKALUR	Severe	Severe	Severe
0649	KRISHNA	KALIDINDI	Severe	Severe	Severe
0650	KRISHNA	KRUTHIVENNU	Severe	Moderate	Severe
0701	GUNTUR	MACHERLA	Normal	Normal	Normal
0702	GUNTUR	RENTACHINTALA	Normal	Normal	Normal
0703	GUNTUR	GURAZALA	Moderate	Severe	Severe
0704	GUNTUR	DACHEPALLE	Severe	Severe	Severe
0705	GUNTUR	MACHAVARAM	Severe	Severe	Severe
0706	GUNTUR	BELLAMKONDA	Severe	Severe	Severe
0707	GUNTUR	ATCHAMPET	Moderate	Severe	Severe
0708	GUNTUR	KROSURU	Severe	Severe	Severe
0709	GUNTUR	AMARAVATHI	Severe	Severe	Severe
0710	GUNTUR	THULLUR	Normal	Normal	Normal
0711	GUNTUR	TADEPALLE	Normal	Normal	Normal
0712	GUNTUR	MANGALAGIRI	Normal	Normal	Normal
0713	GUNTUR	TADIKONDA	Severe	Severe	Severe
0714	GUNTUR	PEDAKURAPADU	Severe	Severe	Severe
0715	GUNTUR	SATTENAPALLE	Severe	Severe	Severe
0716	GUNTUR	RAJUPALEM	Severe	Severe	Severe
0717	GUNTUR	PIDUGURALLA	Severe	Severe	Severe
0718	GUNTUR	KAREMPUDI	Severe	Severe	Severe
0719	GUNTUR	DURGI	Normal	Moderate	Moderate
0720	GUNTUR	VELDURTHI	Normal	Moderate	Moderate
0721	GUNTUR	BOLLAPALLE	Severe	Severe	Severe
0722	GUNTUR	NEKARIKALLU	Severe	Severe	Severe
0723	GUNTUR	MUPPALLA	Severe	Severe	Severe
0724	GUNTUR	PHIRANGIPURAM	Severe	Severe	Severe
0725	GUNTUR	MEDIKONDURU	Severe	Severe	Severe
0726	GUNTUR	GUNTUR	Severe	Severe	Severe
0727	GUNTUR	PEDAKAKANI	Normal	Normal	Normal
0728	GUNTUR	DUGGIRALA	Normal	Normal	Normal
0729	GUNTUR	KOLLIPARA	Normal	Normal	Normal
0730	GUNTUR	KOLLUR	Normal	Moderate	Moderate
0731	GUNTUR	VEMURU	Normal	Severe	Severe
0732	GUNTUR	TENALI	Normal	Normal	Normal
0733	GUNTUR	TSUNDUR	Normal	Severe	Severe
0734	GUNTUR	CHEBROLU	Normal	Moderate	Moderate
0735	GUNTUR	VATTICHERUKURU	Moderate	Severe	Severe
0736	GUNTUR	PRATHIPADU	Moderate	Severe	Severe
0737	GUNTUR	EDLAPADU	Severe	Severe	Severe
0738	GUNTUR	NADENDLA	Severe	Severe	Severe
0739	GUNTUR	NARASARAOPET	Moderate	Severe	Severe



0740	GUNTUR	ROMPICHERLA	Moderate	Moderate	Moderate
0741	GUNTUR	IPUR	Severe	Moderate	Severe
0742	GUNTUR	SAVALYAPURAM	Severe	Moderate	Severe
0743	GUNTUR	VINUKONDA	Normal	Severe	Severe
0744	GUNTUR	NUZENDLA	Normal	Moderate	Moderate
0745	GUNTUR	CHILAKALURIPET	Moderate	Severe	Severe
0746	GUNTUR	PEDANANDIPADU	Moderate	Severe	Severe
0747	GUNTUR	KAKUMANU	Normal	Normal	Normal
0748	GUNTUR	PONNUR	Normal	Normal	Normal
0749	GUNTUR	AMRUTHALUR	Normal	Normal	Normal
0750	GUNTUR	CHERUKUPALLE	Normal	Normal	Normal
0751	GUNTUR	BHATTIPROLU	Normal	Moderate	Moderate
0752	GUNTUR	REPALLE	Moderate	Severe	Severe
0753	GUNTUR	NAGARAM	Moderate	Severe	Severe
0754	GUNTUR	NIZAMPATNAM	Severe	Moderate	Severe
0755	GUNTUR	PITTALAVANIPALEM	Normal	Normal	Normal
0756	GUNTUR	KARLAPALEM	Normal	Normal	Normal
0757	GUNTUR	BAPATLA	Normal	Normal	Normal
0801	PRAKASAM	YERRAGONDAPALEM	Normal	Moderate	Moderate
0802	PRAKASAM	PULLALACHERUVU	Normal	Normal	Normal
0803	PRAKASAM	TRIPURANTHAKAM	Normal	Normal	Normal
0804	PRAKASAM	KURICHEDU	Normal	Moderate	Moderate
0805	PRAKASAM	DONAKONDA	Normal	Moderate	Moderate
0806	PRAKASAM	PEDA ARAVEEDU	Normal	Moderate	Moderate
0807	PRAKASAM	DORNALA	Normal	Severe	Severe
0808	PRAKASAM	ARDHAVEEDU	Normal	Moderate	Moderate
0809	PRAKASAM	MARKAPUR	Severe	Severe	Severe
0810	PRAKASAM	TARLUPADU	Moderate	Severe	Severe
0811	PRAKASAM	KONAKANAMITLA	Moderate	Severe	Severe
0812	PRAKASAM	PODILI	Moderate	Severe	Severe
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	Moderate	Severe	Severe
0818	PRAKASAM	SANTHAMAGULURU	Moderate	Moderate	Moderate
0819	PRAKASAM	YEDDANAPUDI	Moderate	Severe	Severe
0820	PRAKASAM	MARTUR	Normal	Severe	Severe
0821	PRAKASAM	PARCHUR	Moderate	Severe	Severe
0822	PRAKASAM	KARAMCHEDU	Moderate	Severe	Severe
0823	PRAKASAM	CHIRALA	Normal	Normal	Normal
0824	PRAKASAM	VETAPALEM	Moderate	Moderate	Moderate
0825	PRAKASAM	INKOLLU	Moderate	Severe	Severe
0826	PRAKASAM	JANAKAVARAMPANGULURU	Normal	Moderate	Moderate
0827	PRAKASAM	KORISAPADU	Normal	Severe	Severe
0828	PRAKASAM	MADDIPADU	Normal	Severe	Severe
0829	PRAKASAM	CHIMAKURTHI	Normal	Moderate	Moderate
0830	PRAKASAM	MARRIPUDI	Moderate	Severe	Severe
0831	PRAKASAM	KANIGIRI	Moderate	Severe	Severe
0832	PRAKASAM	HANUMANTHUNIPADU	Normal	Moderate	Moderate
0833	PRAKASAM	BESTAWARIPETA	Moderate	Severe	Severe
0834	PRAKASAM	CUMBUM	Normal	Moderate	Moderate
0835	PRAKASAM	RACHERLA	Normal	Severe	Severe
0836	PRAKASAM	GIDDALUR	Normal	Moderate	Moderate
0837	PRAKASAM	KOMAROLU	Normal	Severe	Severe
0838	PRAKASAM	CHANDRASEKHARA PURAM	Normal	Normal	Normal
0839	PRAKASAM	VELIGANDLA	Moderate	Severe	Severe
0840	PRAKASAM	PEDACHERLO PALLE	Normal	Moderate	Moderate
0841	PRAKASAM	PONNALURU	Moderate	Normal	Moderate



0842	PRAKASAM	KONDAPI	Moderate	Moderate	Moderate
0843	PRAKASAM	SANTHANUTHALA PADU	Normal	Moderate	Moderate
0844	PRAKASAM	ONGOLE	Moderate	Moderate	Moderate
0845	PRAKASAM	NAGULUPPALAPADU	Moderate	Moderate	Moderate
0846	PRAKASAM	CHINAGANJAM	Moderate	Severe	Severe
0847	PRAKASAM	KOTHA PATNAM	Severe	Moderate	Severe
0848	PRAKASAM	TANGUTUR	Severe	Severe	Severe
0849	PRAKASAM	ZARUGUMILLI	Moderate	Moderate	Moderate
0850	PRAKASAM	KANDUKUR	Moderate	Moderate	Moderate
0851	PRAKASAM	VOLETIVARIPALEM	Moderate	Moderate	Moderate
0852	PRAKASAM	PAMUR	Normal	Normal	Normal
0853	PRAKASAM	LINGASAMUDRAM	Severe	Moderate	Severe
0854	PRAKASAM	GUDLURU	Moderate	Moderate	Moderate
0855	PRAKASAM	ULAVAPADU	Moderate	Normal	Moderate
0856	PRAKASAM	SINGARAYAKONDA	Normal	Normal	Normal
0901	PS NELLORE	SEETHARAMAPURAM	Normal	Normal	Normal
0902	PS NELLORE	VARIKUNTAPADU	Normal	Normal	Normal
0903	PS NELLORE	KONDAPURAM	Normal	Normal	Normal
0904	PS NELLORE	JALADANKI	Normal	Moderate	Moderate
0905	PS NELLORE	KAVALI	Moderate	Moderate	Moderate
0906	PS NELLORE	BOGOLE	Moderate	Severe	Severe
0907	PS NELLORE	KALIGIRI	Normal	Normal	Normal
0908	PS NELLORE	VINJAMUR	Normal	Normal	Normal
0909	PS NELLORE	DUTTALUR	Normal	Normal	Normal
0910	PS NELLORE	UDAYAGIRI	Normal	Normal	Normal
0911	PS NELLORE	MARRIPADU	Normal	Normal	Normal
0912	PS NELLORE	ATMAKUR	Moderate	Moderate	Moderate
0913	PS NELLORE	ANUMASAMUDRAMPETA	Normal	Normal	Normal
0914	PS NELLORE	DAGADARTHI	Moderate	Normal	Moderate
0915	PS NELLORE	ALLUR	Moderate	Moderate	Moderate
0916	PS NELLORE	VIDAVALUR	Severe	Severe	Severe
0917	PS NELLORE	KODAVALUR	Moderate	Moderate	Moderate
0918	PS NELLORE	BUCHIREDDIPALEM	Severe	Moderate	Severe
0919	PS NELLORE	SANGAM	Moderate	Moderate	Moderate
0920	PS NELLORE	CHEJERLA	Normal	Moderate	Moderate
0921	PS NELLORE	ANANTHASAGARAM	Normal	Normal	Normal
0922	PS NELLORE	KALUVOYA	Normal	Normal	Normal
0923	PS NELLORE	RAPUR	Normal	Normal	Normal
0924	PS NELLORE	PODALAKUR	Normal	Normal	Normal
0925	PS NELLORE	NELLORE	Severe	Moderate	Severe
0926	PS NELLORE	KOVUR	Severe	Severe	Severe
0927	PS NELLORE	INDUKURPET	Severe	Severe	Severe
0928	PS NELLORE	THOTAPALLIGUDUR	Moderate	Moderate	Moderate
0929	PS NELLORE	MUTHUKUR	Severe	Moderate	Severe
0930	PS NELLORE	VENKATACHALAM	Moderate	Severe	Severe
0931	PS NELLORE	MANUBOLU	Severe	Severe	Severe
0932	PS NELLORE	GUDUR	Normal	Normal	Normal
0933	PS NELLORE	SYDAPURAM	Moderate	Normal	Moderate
0934	PS NELLORE	DAKKILI	Normal	Normal	Normal
0935	PS NELLORE	VENKATAGIRI	Normal	Normal	Normal
0936	PS NELLORE	BALAYAPALLE	Normal	Moderate	Moderate
0937	PS NELLORE	OJILI	Normal	Moderate	Moderate
0938	PS NELLORE	CHILLAKUR	Normal	Moderate	Moderate
0939	PS NELLORE	KOTA	Severe	Severe	Severe
0940	PS NELLORE	VAKADU	Severe	Severe	Severe
0941	PS NELLORE	CHITTAMUR	Moderate	Moderate	Moderate
0942	PS NELLORE	NAIDUPET	Moderate	Moderate	Moderate
0943	PS NELLORE	PELLAKUR	Normal	Normal	Normal
0944	PS NELLORE	DORAVARISATRAM	Normal	Normal	Normal



0945	PS NELLORE	SULLURPETA	Moderate	Moderate	Moderate
0946	PS NELLORE	TADA	Moderate	Moderate	Moderate
1001	CHITTOOR	PEDDAMANDYAM	Normal	Normal	Normal
1002	CHITTOOR	THAMBALLAPALLE	Normal	Normal	Normal
1003	CHITTOOR	MULAKALACHERUVU	Normal	Normal	Normal
1004	CHITTOOR	PEDDA THIPPASAMUDRAM	Moderate	Normal	Moderate
1005	CHITTOOR	B.KOTHAKOTA	Normal	Normal	Normal
1006	CHITTOOR	KURABALAKOTA	Normal	Normal	Normal
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	Moderate	Moderate
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	Normal	Moderate	Moderate
1018	CHITTOOR	SATYAVEDU	Normal	Normal	Normal
1019	CHITTOOR	NAGALAPURAM	Normal	Normal	Normal
1020	CHITTOOR	PICHATUR	Normal	Normal	Normal
1021	CHITTOOR	VIJAYAPURAM	Moderate	Moderate	Moderate
1022	CHITTOOR	NINDRA	Normal	Moderate	Moderate
1023	CHITTOOR	K.V.B.PURAM	Moderate	Severe	Severe
1024	CHITTOOR	NARAYANAVANAM	Normal	Normal	Normal
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	Normal	Normal	Normal
1031	CHITTOOR	PILERU	Normal	Normal	Normal
1032	CHITTOOR	KALKIRI	Normal	Normal	Normal
1033	CHITTOOR	VAYALPAD	Normal	Normal	Normal
1034	CHITTOOR	NIMMANAPALLE	Normal	Normal	Normal
1035	CHITTOOR	MADANAPALLE	Normal	Normal	Normal
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	Normal	Normal	Normal
1041	CHITTOOR	PULICHERLA	Normal	Normal	Normal
1042	CHITTOOR	PAKALA	Normal	Normal	Normal
1043	CHITTOOR	VEDURUKUPPAM	Normal	Normal	Normal
1044	CHITTOOR	PUTTUR	Normal	Normal	Normal
1045	CHITTOOR	NAGARI	Normal	Normal	Normal
1046	CHITTOOR	KARVETINAGAR	Normal	Normal	Normal
1047	CHITTOOR	SRIRANGARAJAPURAM	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	Normal	Normal	Normal
1066	CHITTOOR	KUPPAM	Normal	Normal	Normal
1101	YSR KADAPA	KONDAPURAM	Moderate	Severe	Severe
1102	YSR KADAPA	MYLAVARAM	Moderate	Severe	Severe
1103	YSR KADAPA	PEDDAMUDIUM	Moderate	Severe	Severe
1104	YSR KADAPA	RAJUPALEM	Moderate	Severe	Severe
1105	YSR KADAPA	DUVVUR	Normal	Moderate	Moderate
1106	YSR KADAPA	S.MYDUKUR	Normal	Normal	Normal
1107	YSR KADAPA	BRAHMAMGARIMATTAM	Moderate	Severe	Severe
1108	YSR KADAPA	B.KODUR	Normal	Normal	Normal
1109	YSR KADAPA	KALASAPADU	Moderate	Moderate	Moderate
1110	YSR KADAPA	PORUMAMILLA	Moderate	Moderate	Moderate
1111	YSR KADAPA	BADVEL	Normal	Normal	Normal
1112	YSR KADAPA	GOPAVARAM	Normal	Normal	Normal
1113	YSR KADAPA	KHAJIPET	Normal	Normal	Normal
1114	YSR KADAPA	CHAPAD	Moderate	Normal	Moderate
1115	YSR KADAPA	PRODDATUR	Normal	Severe	Severe
1116	YSR KADAPA	JAMMALAMADUGU	Normal	Moderate	Moderate
1117	YSR KADAPA	MUDDANUR	Normal	Normal	Normal
1118	YSR KADAPA	SIMHADRIPURAM	Normal	Moderate	Moderate
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	Moderate	Moderate
1123	YSR KADAPA	VEERAPUNAYUNIPALLE	Normal	Moderate	Moderate
1124	YSR KADAPA	YERRAGUNTLA	Normal	Moderate	Moderate
1125	YSR KADAPA	KAMALAPURAM	Severe	Severe	Severe
1126	YSR KADAPA	VALLUR	Moderate	Normal	Moderate
1127	YSR KADAPA	CHENNUR	Normal	Normal	Normal
1128	YSR KADAPA	ATLUR	Normal	Normal	Normal
1129	YSR KADAPA	VONTIMITTA	Normal	Normal	Normal
1130	YSR KADAPA	SIDHOUT	Normal	Normal	Normal
1131	YSR KADAPA	YSR KADAPA	Normal	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	Normal	Normal	Normal
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	Severe	Severe	Severe
1201	ANANTAPURAM	D.HIREHAL	Normal	Moderate	Moderate
1202	ANANTAPURAM	BOMMANAHAL	Normal	Moderate	Moderate
1203	ANANTAPURAM	VIDAPANAKAL	Normal	Moderate	Moderate
1204	ANANTAPURAM	VAJRAKARUR	Normal	Severe	Severe
1205	ANANTAPURAM	GUNTAKAL	Moderate	Moderate	Moderate
1206	ANANTAPURAM	GOOTY	Normal	Normal	Normal
1207	ANANTAPURAM	PEDDAVADUGUR	Normal	Normal	Normal
1208	ANANTAPURAM	YADIKI	Normal	Normal	Normal
1209	ANANTAPURAM	TADPATRI	Normal	Severe	Severe
1210	ANANTAPURAM	PEDDAPAPPUR	Normal	Moderate	Moderate
1211	ANANTAPURAM	SINGANAMALA	Normal	Normal	Normal
1212	ANANTAPURAM	PAMIDI	Normal	Moderate	Moderate
1213	ANANTAPURAM	GARLADINNE	Normal	Moderate	Moderate
1214	ANANTAPURAM	KUDAIR	Normal	Severe	Severe
1215	ANANTAPURAM	URAVAKONDA	Normal	Severe	Severe
1216	ANANTAPURAM	BELUGUPPA	Normal	Moderate	Moderate
1217	ANANTAPURAM	KANEKAL	Normal	Severe	Severe
1218	ANANTAPURAM	RAYADURG	Normal	Moderate	Moderate
1219	ANANTAPURAM	GUMMAGATTA	Normal	Moderate	Moderate
1220	ANANTAPURAM	BRAHMASAMUDRAM	Moderate	Severe	Severe
1221	ANANTAPURAM	SETTUR	Severe	Severe	Severe
1222	ANANTAPURAM	KUNDURPI	Normal	Moderate	Moderate
1223	ANANTAPURAM	KALYANDURG	Moderate	Moderate	Moderate
1224	ANANTAPURAM	ATMAKUR	Normal	Moderate	Moderate
1225	ANANTAPURAM	ANANTAPURAM	Normal	Moderate	Moderate
1226	ANANTAPURAM	BUKKARAYA SAMUDRAM	Normal	Moderate	Moderate
1227	ANANTAPURAM	NARPALA	Normal	Normal	Normal
1228	ANANTAPURAM	PUTLUR	Normal	Moderate	Moderate
1229	ANANTAPURAM	YELLANUR	Normal	Moderate	Moderate
1230	ANANTAPURAM	TADIMARRI	Moderate	Moderate	Moderate
1231	ANANTAPURAM	BATHALAPALLE	Normal	Moderate	Moderate
1232	ANANTAPURAM	RAPTADU	Normal	Moderate	Moderate
1233	ANANTAPURAM	KANAGANAPALLE	Normal	Normal	Normal
1234	ANANTAPURAM	KAMBADUR	Normal	Normal	Normal
1235	ANANTAPURAM	RAMAGIRI	Normal	Normal	Normal
1236	ANANTAPURAM	CHENNEKOTHAPALLE	Normal	Normal	Normal
1237	ANANTAPURAM	DHARMAVARAM	Normal	Normal	Normal
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	Moderate	Moderate
1248	ANANTAPURAM	GORANTLA	Normal	Normal	Normal
1249	ANANTAPURAM	PUTTAPARTHI	Normal	Normal	Normal
1250	ANANTAPURAM	BUKKAPATNAM	Normal	Normal	Normal
1251	ANANTAPURAM	KOTHACHERUVU	Normal	Normal	Normal
1252	ANANTAPURAM	PENUKONDA	Normal	Normal	Normal
1253	ANANTAPURAM	RODDAM	Normal	Moderate	Moderate
1254	ANANTAPURAM	SOMANDEPALLE	Normal	Normal	Normal
1255	ANANTAPURAM	CHILAMATHUR	Normal	Normal	Normal
1256	ANANTAPURAM	LEPAKSHI	Normal	Normal	Normal
1257	ANANTAPURAM	HINDUPUR	Normal	Normal	Normal
1258	ANANTAPURAM	PARIGI	Normal	Normal	Normal



1259	ANANTAPURAM	MADAKASIRA	Normal	Moderate	Moderate
1260	ANANTAPURAM	GUDIBANDA	Moderate	Moderate	Moderate
1261	ANANTAPURAM	AMARAPURAM	Normal	Moderate	Moderate
1262	ANANTAPURAM	AGALI	Normal	Moderate	Moderate
1263	ANANTAPURAM	ROLLA	Normal	Normal	Normal
1301	KURNOOL	KOWTHALAM	Normal	Moderate	Moderate
1302	KURNOOL	KOSIGI	Normal	Moderate	Moderate
1303	KURNOOL	MANTRALAYAM	Moderate	Moderate	Moderate
1304	KURNOOL	NANDEVARAM	Normal	Normal	Normal
1305	KURNOOL	C.BELAGAL	Normal	Moderate	Moderate
1306	KURNOOL	GUDUR	Normal	Normal	Normal
1307	KURNOOL	KURNOOL	Moderate	Moderate	Moderate
1308	KURNOOL	NANDIKOTKUR	Severe	Moderate	Severe
1309	KURNOOL	PAGIDYALA	Moderate	Moderate	Moderate
1310	KURNOOL	KOTHAPALLE	Normal	Moderate	Moderate
1311	KURNOOL	ATMAKUR	Normal	Normal	Normal
1312	KURNOOL	SRISAILAM	N/A	N/A	N/A
1313	KURNOOL	VELGODE	Moderate	Moderate	Moderate
1314	KURNOOL	PAMULAPADU	Normal	Normal	Normal
1315	KURNOOL	JUPADU BUNGALOW	Normal	Moderate	Moderate
1316	KURNOOL	MIDTHUR	Severe	Severe	Severe
1317	KURNOOL	ORVAKAL	Severe	Severe	Severe
1318	KURNOOL	KALLUR	Normal	Normal	Normal
1319	KURNOOL	KODUMUR	Normal	Normal	Normal
1320	KURNOOL	GONEGANDLA	Moderate	Moderate	Moderate
1321	KURNOOL	YEMMIGANUR	Normal	Moderate	Moderate
1322	KURNOOL	PEDDA KADUBUR	Moderate	Severe	Severe
1323	KURNOOL	ADONI	Normal	Normal	Normal
1324	KURNOOL	HOLAGUNDA	Normal	Normal	Normal
1325	KURNOOL	ALUR	Normal	Severe	Severe
1326	KURNOOL	ASPARI	Moderate	Severe	Severe
1327	KURNOOL	DEVANAKONDA	Moderate	Moderate	Moderate
1328	KURNOOL	KRISHNAGIRI	Severe	Moderate	Severe
1329	KURNOOL	VELDURTHI	Severe	Severe	Severe
1330	KURNOOL	BETHAMCHERLA	Severe	Moderate	Severe
1331	KURNOOL	PANYAM	Severe	Severe	Severe
1332	KURNOOL	GADIVEMULA	Severe	Severe	Severe
1333	KURNOOL	BANDI ATMAKUR	Moderate	Normal	Moderate
1334	KURNOOL	NANDYAL	Severe	Severe	Severe
1335	KURNOOL	MAHANANDI	Normal	Normal	Normal
1336	KURNOOL	SIRVEL	Moderate	Moderate	Moderate
1337	KURNOOL	RUDRAVARAM	Normal	Normal	Normal
1338	KURNOOL	ALLAGADDA	Severe	Severe	Severe
1339	KURNOOL	CHAGALAMARRI	Moderate	Severe	Severe
1340	KURNOOL	UYVALAWADA	Severe	Severe	Severe
1341	KURNOOL	DORNIPADU	Severe	Severe	Severe
1342	KURNOOL	GOSPADU	Severe	Severe	Severe
1343	KURNOOL	KOILKUNTALA	Severe	Severe	Severe
1344	KURNOOL	BANAGANAPALLE	Moderate	Moderate	Moderate
1345	KURNOOL	SANJAMALA	Normal	Moderate	Moderate
1346	KURNOOL	KOLIMIGUNDLA	Normal	Moderate	Moderate
1347	KURNOOL	OWK	Normal	Normal	Normal
1348	KURNOOL	PEAPALLY	Normal	Normal	Normal
1349	KURNOOL	DHONE	Severe	Moderate	Severe
1350	KURNOOL	TUGGALI	Severe	Moderate	Severe
1351	KURNOOL	PATTIKONDA	Moderate	Severe	Severe
1352	KURNOOL	MADDIKERA (EAST)	Severe	Severe	Severe
1353	KURNOOL	CHIPPAGIRI	Normal	Moderate	Moderate
1354	KURNOOL	HALAHARVI	Normal	Moderate	Moderate