



agriculture & rural development

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agriculture
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PROVINCE OF KWAZULU-NATAL

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24 August 2016

Drought Monitor Maps : November 2015 to July 2016

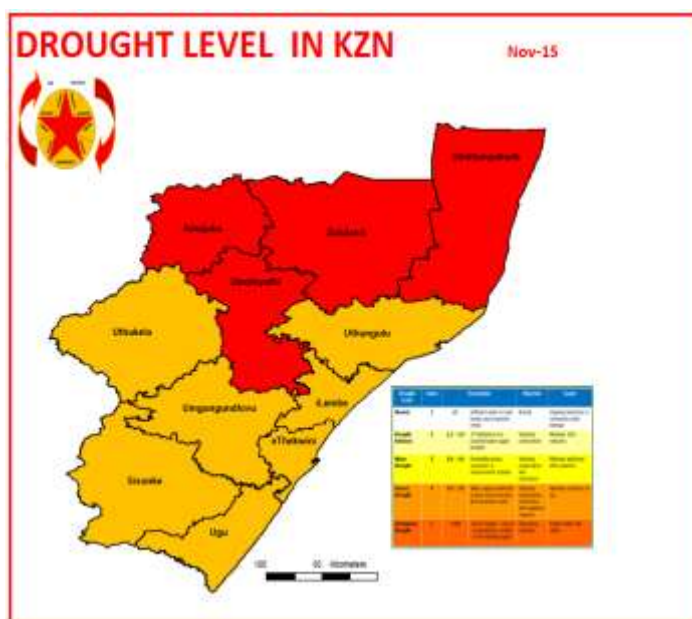


Figure 1: November 2015

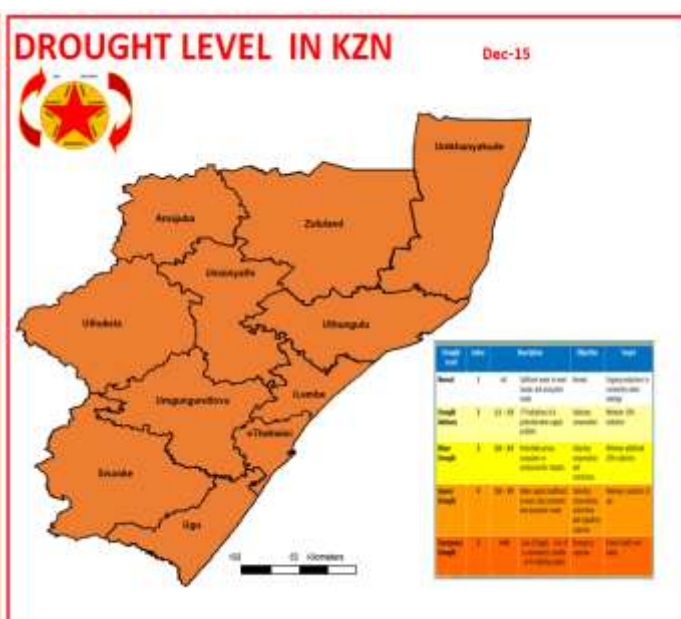


Figure 2: December 2015

DROUGHT STATUS

November 2015

December 2015

EMERGENCY:

Zululand; uMkhanyakude,
Amajuba, UMzinyathi

NIL

SEVERE:

All Districts

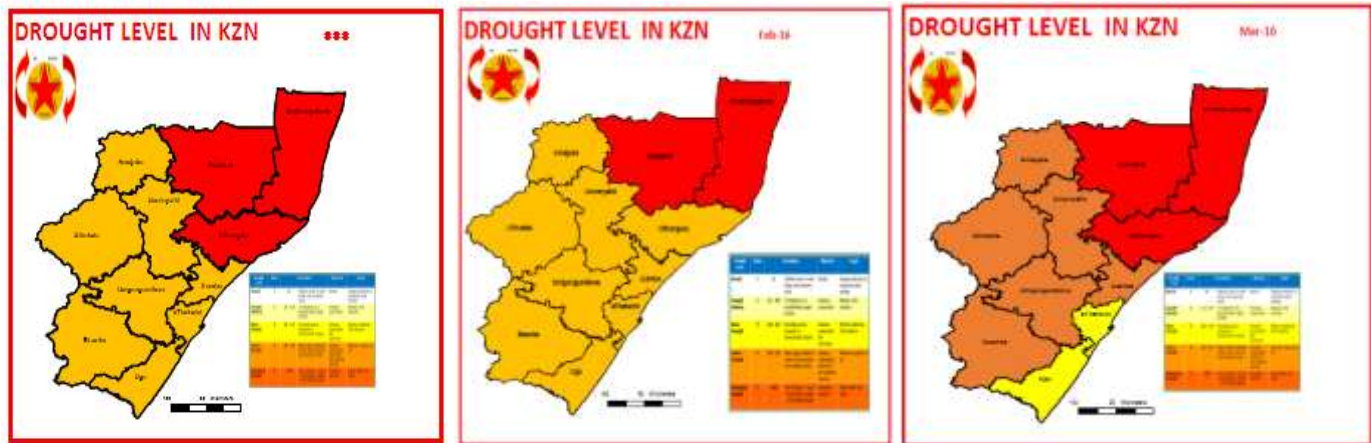


Figure 3: Drought Monitor Maps for KZN January, February and March 2016

DROUGHT STATUS	January 2016	February 2016	March 2016
EMERGENCY:	Zululand Umkhanyakude UThungulu	Zululand Umkhanyakude	Zululand Umkhanyakude UThungulu
SEVERE:	Amajuba UMzinyathi UThukela UMgungundlovu Harry Gwala Ethekwini ILembe Ugu	UThungulu Amajuba UThukela UMzinyathi UMgungundlovu Harry Gwala ILembe Ethekwini	Amajuba UThukela UMzinyathi UMgungundlovu Harry Gwala ILembe
MINOR:			Ethekwini Ugu

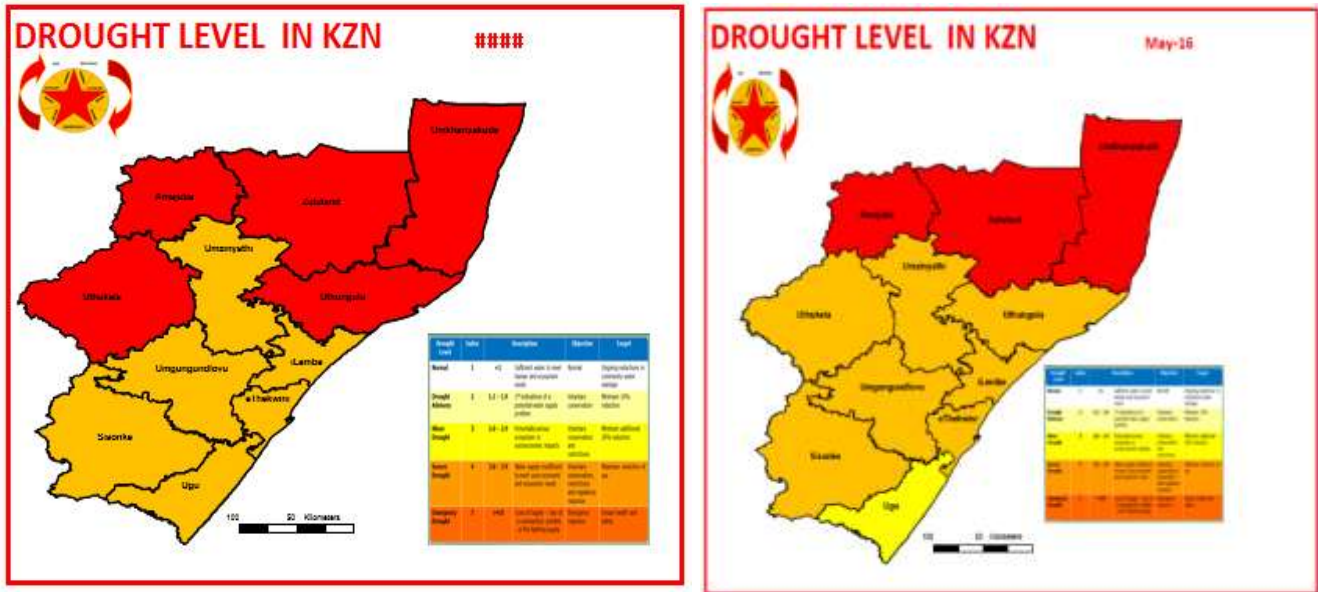


Figure 4: Drought Monitor Maps for April and May 2016

DROUGHT STATUS	April 2016	May 2016
EMERGENCY:	Zululand Umkhanyakude UThungulu Amajuba UThukela	Zululand Umkhanyakude Amajuba
SEVERE:	UMzinyathi ILembe UMgungundlovu Ethekwini Ugu Harry Gwala	UThungulu UThukela UMzinyathi ILembe UMgungundlovu Ethekwini Harry Gwala
MINOR DROUGHT:		Ugu

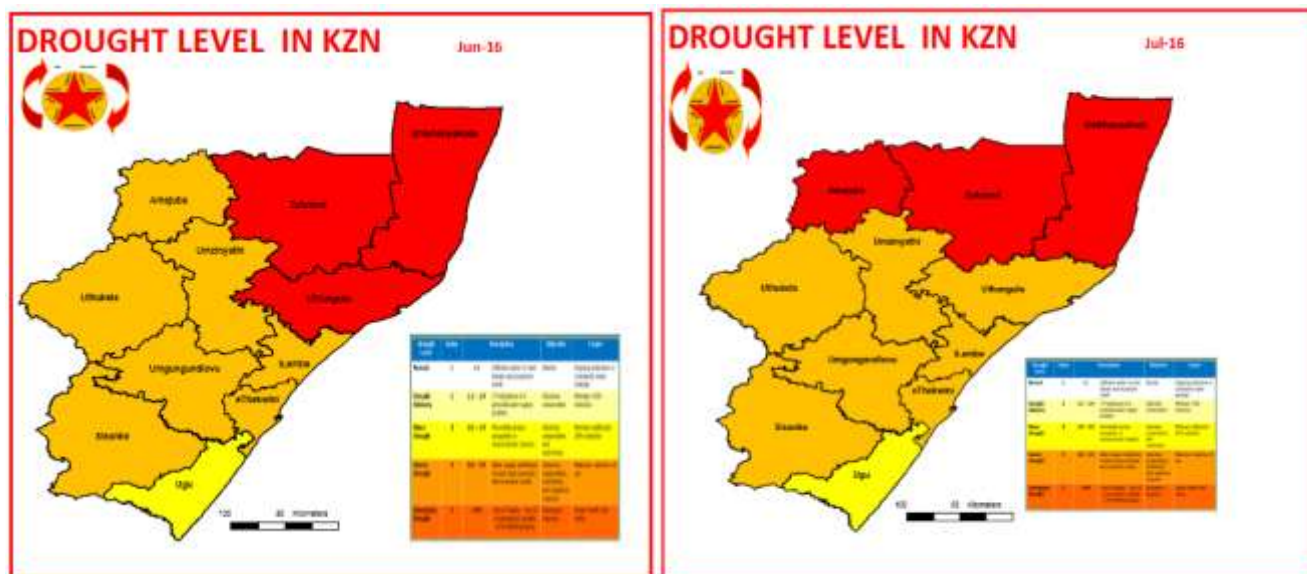


Figure 5: Drought Monitor Maps for June and July 2016

<u>DROUGHT STATUS</u>	<u>June 2016</u>	<u>July 2016</u>
EMERGENCY:	Zululand Umkhanyakude UThungulu	Zululand Umkhanyakude Amajuba
SEVERE:	UMzinyathi Ilembe UMgungundlovu Ethekwini UThukela Harry Gwala Amajuba	UThungulu UThukela UMzinyathi Ilembe UMgungundlovu Ethekwini Harry Gwala
MINOR DROUGHT:	Ugu	Ugu

Table 1: Summary of Dam levels from June 2015 to August 2016

Dam		Full Capacity (x10 ⁶ m ³)	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
ALBERT FALLS	uMgeni	288.15	67	59.81	58.08	54.55	50.17	46.57	42.25	39.37	37.89	35.6	34.51	33.65	31.5	27.1	26.86
CRAIGIEBURN	Mnyamvubu	22.47	96.3	92.48	92.04	88.1	81.96	71.26	62.57	62.64	65.43	67.29	63.95	60.39	55.92	52.5	52.5
DRIEL	uThugela	8.69	98.3	103.36	103.36	93.46	102.03	91.82	91.82	98.37	105.04	96.05	97.03	98.7	94.1	95	95
GOEDERTROUW	Mhlathuze	301.26	41.2	38.21	39.02	37.93	36.86	34.5	31.07	30.07	27.1	23.33	22.04	20.74	20.04	18.7	18.7
HAZELMERE	Mdloti	17.86	32.8	27.16	31.19	30.63	29.96	27.32	25.87	32.65	35.39	41.21	44.07	43.51	47.43	53.6	53.7
HLUHLUWE	Hluhluwe	25.89	43.6	39.9	38.06	35.69	33.28	30.18	26.84	23.52	19.48	17.16	16.49	15.78	16.08	19.3	19.3
INANDA	uMgeni	241.69	94.5	92.94	92.13	89.2	89.2	85.43	82.52	81.44	80.9	80.35	79.25	77.2	74.51	67.3	65.98
KLIPFONTEIN	Wit Mfolozi	18.09	56.6	49.09	45.85	39.71	34.38	28.59	21.2	19.94	19.82	25.49	23.27	21.5	17.92	13.7	13.7
MEARNS WEIR	Mooi	5.12	59.1	86.2	86.2	65.29	54.73	62.74	62.35	65.29	103.21	96.36	30.3	31.86	30.69	37.6	42.59
MIDMAR	uMgeni	235.42	77.4	70.74	67	60.81	56.27	53.16	49.7	48.06	46.83	46.22	45.78	45.89	45.12	45.9	45.67
NAGLE	uMgeni	23.24	81	85.51	75.19	68.6	83.75	69.76	67.09	83.23	82.5	89.09	85.21	79.79	69.33	68.4	68.4
NTSHINGWAYO	Ngagane	194.56	76.4	72.54	70.72	67.84	65.28	62.12	57.1	53.75	55.54	57.72	56.38	54.82	52.45	48	48
PONGOLAPOORT	uPongolo	2267.07	58.7	57.18	56.44	55.39	54.27	52.8	50.9	50.13	48.35	46.4	45.38	44.49	43.05	40.2	40.2
SPIOENKOP	uThugela	270.64	94.9	86.34	80.71	72.8	66.22	60.47	56.29	55.59	58.99	68.58	69.4	68.84	65.8	56.7	56.7
SPRING GROVE	Mooi	139.46	99.6	96.62	96.32	95.54	95.11	88.61	80.18	74.61	78.58	86.86	84.86	79.98	72.89	57.2	56.07
WAGENDRIFT	Boesmans	55.90	100	99.53	99.34	94.88	90.39	82.77	74.85	70.32	98.98	100.75	100.18	99.98	94.17	97.2	97.2
WOODSTOCK	uThugela	373.25	91.2	88.32	87.53	86.74	84.06	71.42	71.42	64.01	70.94	89.98	88.54	87.82	82.05	74.4	74.4
ZAAIHOEK	Slang	184.63	84.5	81.37	78.94	75.73	72.96	69.6	64.89	61.7	58.98	58.23	56.75	56.34	54.4	50.3	50.3
Total Capacity (x 100000 m cub)		4669.00	3230	3034	3034	2930	2837	2673	2542	2459	2458	2509	2458	2409	2305	2120	2118
Percentage		100.00	69.2	66.3	65	62.7	60.8	57.3	54.4	52.7	52.7	53.7	52.6	51.6	49.4	45.4	45.4