



**Rainfall Performance**

The performance of rain during the first part of the rainy season was very poor and hence resulted in depressed agriculture preparations (crop). The month of December was very dry over western parts of the country while rainfall was confined to the eastern parts of the country. Figure 1 below show the spatial distribution of rainfall with high amounts of rainfall observed over the southeastern parts, where above average rainfall was measured for the month.

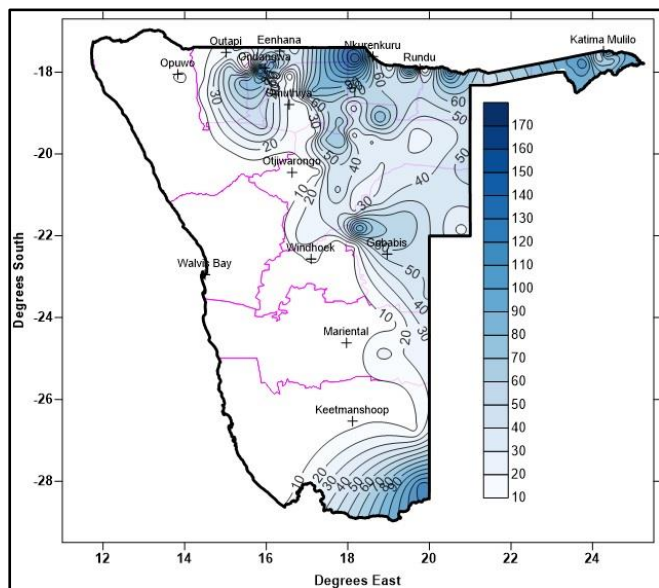


Figure 1. December 2021 rainfall in mm

The remainder of the country mostly received below average rainfall for December 2021 while pockets of areas over the eastern and north central regions received above average rainfall with adjacent areas received normal rainfall (see figure 2). Furthermore, the negative departure from normal in table 1 illustrate the below average rainfall over larger parts of the country.

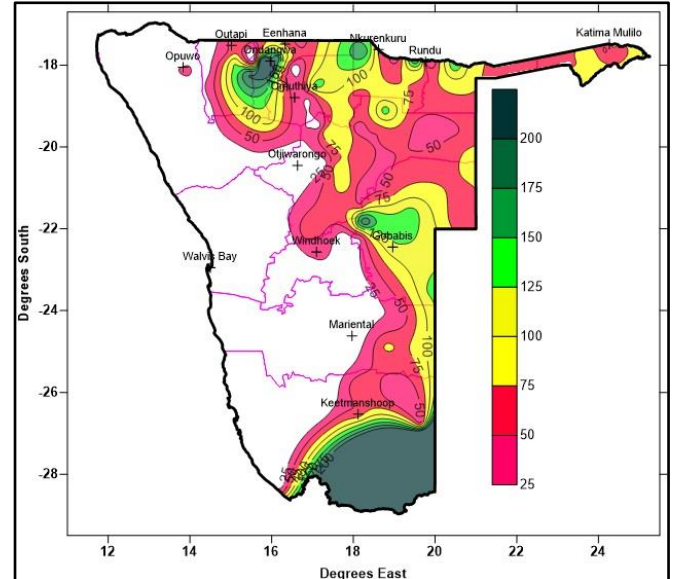


Figure 2. December 2021 percent of normal

Due to poor rainfall received for the last three consecutive months, the first part of the rainy season ended with a large deficit of rainfall over most parts of the country. Only southeastern corner of Namibia show rainfall surplus at the end of December 2021 since the beginning of the rainfall season.

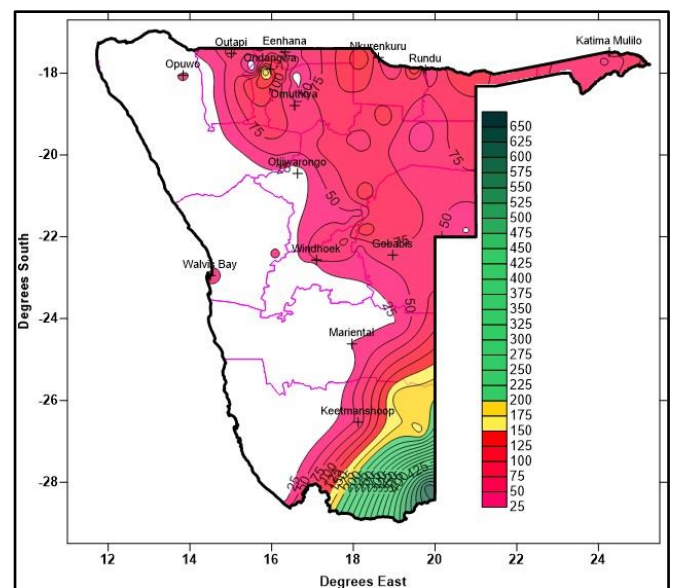


Figure 3. 1 October to 31 December 2021

Table 1.

Station	01 – 10 December 2021	11 – 20 Decemb er 2021	21 – 31 December 2021	Highest Daily Falls	Month Total	Month Normal	Month Depart ure %	October 2021 Total & Relative Performance		
								2021 Total (mm)	Normal (mm)	Depart ure from Normal %
Ongha	17.0	16.0	0.0	15.0	33.0	84.0	-61	77.4	157.0	-51
Okalongo	0.0	33.5	1.9	30.0	35.4	48.0	-26	70.4	102.0	-31
Okangwati	0.0	0.1	2.0	2.0	2.1	33.0	-94	2.1	49.0	-96
Oshifo	0.0	0.0	0.0	0.0	0.0	47.0	-100	33.0	89.0	-63
Ongenga	0.0	18.0	14.0	14.0	32.0	57.0	-44	95.0	114.0	-17
Onawa	0.0	18.5	7.0	12.0	25.5	38.0	-33	58.5	82.0	-29
Eenhana	32.5	16.5	2.4	16.5	51.4	75.0	-31	51.4	142.0	-64
Katima Mulilo Airport	16.3	34.8	18.8	28.3	69.9	123.0	-43	192.9	205.0	-6
Caprivi river Lodge	10.0	21.0	84.0	42.0	115.0	136.0	-15	----	227.0	----
Outapi	4.5	12.0	0.0	12.0	16.5	30.0	-45	58.2	64.0	-9
Onesi	1.5	13.5	0.0	13.5	15.0	48.0	-69	42.0	93.0	-55
Endola	25.0	8.0	0.0	15.0	33.0	51.0	-35	49.0	103.0	-52
Oshikuku	0.0	2.0	0.0	2.0	2.0	47.0	-96	26.5	99.0	-73
Kasheshe	11.0	18.0	31.0	16.0	60.0	133.0	-55	88.0	221.0	-60
Mpungu	131.0	23.0	21.0	76.0	175.0	98.0	79	254.0	173.0	47
Kahenge	42.0	19.0	0.0	17.0	61.0	100.0	-39	119.5	170.0	-30
Bukalo ADC	5.5	24.5	43.5	35.0	73.5	130.0	-43	136.3	211.0	-35
Ongula ya Netanga	0.0	81.0	0.0	81.0	81.0	57.0	42	123.3	113.0	9
Tsandi	14.0	5.0	0.0	14.0	19.0	43.0	-56	45.0	96.0	-53
Sibinda	16.7	97.3	15.4	65.0	129.4	135.0	-4	167.4	230.0	-27
Epembe	41.0	20.0	0.0	25.0	61.0	66.0	-8	91.0	128.0	-29
Oshigambo	98.0	6.0	5.5	66.0	109.5	49.0	123	139.7	101.0	38
Kongola	33.0	30.0	48.0	30.0	111.0	150.0	-26	167.6	256.0	-35
Rupara	15.5	15.5	0.0	6.5	31.0	77.0	-60	75.0	144.0	-48
Etanga	0.0	0.0	0.0	0.0	0.0	28.0	-100	0.0	42.0	-100
Ruuga	31.0	0.0	110.5	28.0	141.5	74.0	91	243.7	143.0	70
Okahao	53.0	0.0	6.0	48.0	59.0	48.0	23	75.0	104.0	-28

Station	01 – 10 December 2021	11 – 20 December 2021	21 – 31 December 2021	Highest Daily Falls	Month Total	Month Normal	Month Departure %	October 2021 Total & Relative Performance		
								2021 Total (mm)	Normal (mm)	Departure from Normal %
Okaukamashe	0.0	0.0	0.0	0.0	0.0	44.0	-100	5.0	94.0	-95
Mashare	15.8	11.0	40.2	40.0	67.0	78.0	-14	135.7	152.0	-11
Andimba Toivo ya Toivo Airport	25.4	16.8	4.4	16.8	46.6	45.0	4	58.5	95.0	-38
Kaisosi	0.2	0.0	0.0	0.2	0.2	75.0	-100	68.4	149.0	-54
Ondangwa DVS	78.0	14.0	6.0	44.0	98.0	45.0	118	118.0	95.0	24
Rundu	26.0	20.7	6.3	16.8	53.0	76.0	-30	82.1	148.0	-45
Ngoma	15.5	40.5	54.5	16.0	110.5	128.0	-14	197.5	210.0	-6
Eheke	157.0	0.0	0.0	103.4	157.0	40.0	293	191.1	88.0	117
Sachona	2.0	29.5	73.7	64.0	105.2	141.0	-25	154.5	239.0	-35
Chichimane	10.5	26.0	57.0	45.0	93.5	118.0	-21	121.2	203.0	-40
Ndonga-Linena	66.0	58.0	9.0	50.0	133.0	85.0	56	189.0	157.0	20
Otjisoko-Tjongava	0.0	0.2	1.0	1.0	1.2	38.0	-97	13.5	70.0	-81
Ndiyona	52.8	0.0	40.0	35.0	92.8	87.0	7	187.3	158.0	19
Mukwe	26.5	4.0	25.0	26.5	55.5	91.0	-39	161.5	165.0	-2
Opuwo	0.0	17.0	0.0	17.0	17.0	39.0	-56	44.5	71.0	-37
Opuwo ADC	0.0	10.5	10.5	5.5	21.0	39.0	-46	26.0	71.0	-63
Onyuulaye	0.0	4.0	2.0	0.0	0.0	63.0	-100	13.0	121.0	-89
Omakange	0.0	0.0	0.0	0.0	0.0	42.0	-100	1.0	82.0	-99
Engombe	5.5	60.0	0.5	60.0	66.0	42.0	57	88.0	86.0	2
Okani	85.5	0.0	0.0	85.5	85.5	42.0	104	95.8	86.0	11
Onankali	24.5	12.0	0.0	14.5	36.5	57.0	-36	90.4	108.0	-16
Ncamagoro	12.0	45.0	6.0	45.0	63.0	73.0	-14	134.0	143.0	-6
Omuntele	30.0	2.8	0.0	30.0	32.8	53.0	-38	74.9	103.0	-27
Kaoko-Otavi	0.0	0.0	0.0	0.0	0.0	36.0	-100	0.0	68.0	-100
Okashana	0.0	15.5	0.5	14.0	16.0	58.0	-72	24.2	114.0	-79
King Kauluma	25.3	52.5	16.0	52.5	93.8	66.0	42	113.3	130.0	-13
Mururani	21.0	30.5	13.5	23.5	65.0	75.0	-13	140.5	145.0	-3
Namutoni	7.4	2.2	3.0	4.0	12.6	59.0	-79	69.8	117.0	-40
Choantsas	32.0	0.0	0.0	12.5	32.0	74.0	-57	127.0	147.0	-14

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Otjokavare	0.0	0.0	0.0	0.0	0.0	28.0	-100	0.0	63.0	-100
Wilde	30.0	50.0	13.0	50.0	93.0	66.0	41	150.0	134.0	12
Friedrichsruhe	46.5	7.5	21.0	23.0	75.0	75.0	0	153.0	153.0	0
Anderson Gate	25.5	28.5	0.0	19.5	54.0	47.0	15	86.5	89.0	-3
Grootfontein Town	47.4	0.9	1.4	14.1	49.7	82.0	-39	141.2	160.0	-12
Gaikos	28.0	16.0	2.0	16.0	46.0	75.0	-39	115.0	146.0	-21
Huttenhof	4.0	10.0	0.0	8.0	14.0	69.0	-80	91.0	141.0	-35
Mkata	13.0	0.0	13.0	13.0	26.0	69.0	-62	38.0	140.0	-73
Grootfontein ADC	14.8	0.0	0.0	6.8	14.8	76.0	-81	69.8	155.0	-55
Grootfontein Airport	24.0	0.0	2.2	11.2	26.2	76.0	-66	86.0	155.0	-45
Tsumkwe	17.0	16.0	0.0	15.0	33.0	71.0	-54	117.6	133.0	-12
Otjituuo	20.0	0.0	10.0	13.0	30.0	58.0	-48	98.0	119.0	-18
Otavi	9.0	24.2	34.0	34.0	67.2	68.0	-1	145.6	140.0	4
Awagobibtal	56.0	19.0	6.0	53.0	81.0	83.0	-2	119.0	166.0	-28
Erwee	0.0	0.0	0.0	0.0	0.0	15.0	-100	1.5	30.0	-95
Otjirukaku	32.0	17.0	14.0	19.0	63.0	85.0	-26	122.0	166.0	-27
Outjo	1.3	2.2	3.2	3.2	6.7	38.0	-82	37.7	84.0	-55
Eastwood	0.0	0.0	0.0	0.0	0.0	23.0	-100	0.0	47.0	-100
Bersig	0.0	0.0	0.0	0.0	0.0	12.0	-100	0.0	21.0	-100
Gam	19.0	38.0	0.0	38.0	57.0	67.0	-15	102.5	130.0	-21
Khorixas	0.0	0.0	0.0	0.0	0.0	22.0	-100	0.0	40.0	-100
Okomumbonde	8.0	0.0	0.0	8.0	8.0	60.0	-87	73.0	116.0	-37
Otjiwarongo	0.0	0.0	0.0	0.0	0.0	45.0	-100	8.0	94.0	-91
Ronesterkop	0.0	0.0	1.2	1.2	1.2	30.0	-96	1.2	49.0	-98
Donkerwater	38.7	3.5	0.0	25.5	42.2	53.0	-20	-999.0	100.0	-999
Morewag	0.0	0.0	0.0	0.0	0.0	17.0	-100	0.0	31.0	-100
LaPaloma	49.5	3.8	0.0	25.0	53.3	58.0	-8	78.3	112.0	-30
Sorris Sorris	0.0	0.0	0.0	0.0	0.0	13.0	-100	0.0	25.0	-100

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Okondjatu	10.4	10.2	0.0	10.0	20.6	60.0	-66	132.5	114.0	16
Ombona	0.0	0.0	0.0	0.0	0.0	35.0	-100	5.6	72.0	-92
Omatjette	0.0	0.0	0.0	0.0	0.0	21.0	-100	0.0	43.0	-100
Otjinene	27.0	7.5	0.0	27.0	34.5	63.0	-45	98.5	124.0	-21
Uis	0.0	0.0	0.0	0.0	0.0	15.0	-100	0.0	29.0	-100
Okombahe	0.0	0.0	0.0	0.0	0.0	13.0	-100	0.0	29.0	-100
Rodenbeck	18.8	4.9	4.8	11.0	28.5	60.0	-53	45.9	116.0	-60
Omaruru	0.0	0.0	0.0	0.0	0.0	22.0	-100	0.0	45.0	-100
Tubusis	0.0	0.0	0.0	0.0	0.0	13.0	-100	0.0	26.0	-100
Epukiro	14.0	0.0	54.5	25.5	68.5	50.0	37	96.5	107.0	-10
Ondunduwazirapi	0.0	33.5	11.0	26.0	44.5	59.0	-25	52.0	110.0	-53
Steinhausen	21.0	93.5	2.5	41.0	117.0	56.0	109	139.0	111.0	25
Tallismanus	0.0	22.8	4.0	17.0	26.8	57.0	-53	26.8	126.0	-79
Spitzkoppe	0.0	0.0	0.0	0.0	0.0	15.0	-100	0.0	27.0	-100
Osona Village	0.0	29.5	0.0	28.6	29.5	37.0	-20	35.1	71.0	-51
Okahua	0.5	2.8	1.5	1.5	4.8	46.0	-90	72.3	91.0	-21
Omateva	0.0	13.0	0.0	10.0	13.0	48.0	-73	43.2	94.0	-54
Westenfallenhof	3.0	0.0	0.0	3.0	3.0	26.0	-88	3.0	53.0	-94
Pioniers Park	8.5	1.8	0.0	8.5	10.3	32.0	-68	43.8	67.0	-35
Otjimbingwe	0.0	0.0	0.0	0.0	0.0	9.0	-100	6.5	22.0	-70
Gobabis	0.0	16.6	39.6	38.4	56.2	47.0	20	62.2	99.0	-37
Windhoek	16.2	0.4	0.0	15.6	16.6	31.0	-46	40.3	70.0	-42
Eros Airport	8.4	1.0	0.0	8.4	9.4	29.0	-68	15.0	68.0	-78
Walvis Bay	0.0	0.0	0.0	0.0	0.0	0.0	0	0.4	0.0	----
Rehoboth	0.0	0.0	0.0	0.0	0.0	15.0	-100	0.0	39.0	-100
Coridor13	40.1	4.5	6.5	18.1	51.1	38.0	34	67.2	86.0	-22
Hoachanas	0.0	0.0	0.0	0.0	0.0	21.0	-100	0.0	41.0	-100
Aranos	4.0	2.9	0.0	4.0	6.9	26.0	-73	14.0	52.0	-73
Mariental	0.0	0.0	0.0	0.0	0.0	16.0	-100	9.0	33.0	-73
Maltahohe	0.0	0.0	0.0	0.0	0.0	10.0	-100	0.0	23.0	-100

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Gochas	23.0	0.0	0.0	23.0	23.0	28.0	-18	36.5	52.0	-30
Gibeon	0.0	0.0	0.0	0.0	0.0	13.0	-100	0.0	31.0	-100
Tses	6.0	0.0	0.1	6.0	6.1	8.0	-24	14.2	22.0	-35
Koes	0.0	0.0	4.0	4.0	4.0	12.0	-67	69.0	34.0	103
Bethanie	0.0	0.0	0.0	0.0	0.0	6.0	-100	0.0	15.0	-100
Keetmanshoop	6.5	0.0	0.0	6.5	6.5	11.0	-41	16.3	29.0	-44
Aroab	0.0	0.0	9.0	9.0	9.0	19.0	-53	64.6	38.0	70
Ariamsvlei	0.0	126.5	11.0	52.0	137.5	9.0	1428	173.1	28.0	518
Oranjemund	0.0	0.0	0.6	0.6	0.6	3.0	-80	0.6	10.0	-94