

Rainfall Performance

The much-anticipated rain was finally received over the Kunene region with most places recording two to three times the usual amount for the month. Equally, the Erongo and southern regions received two to four times the average amount of rainfall for the month with the exception of far southwestern areas.

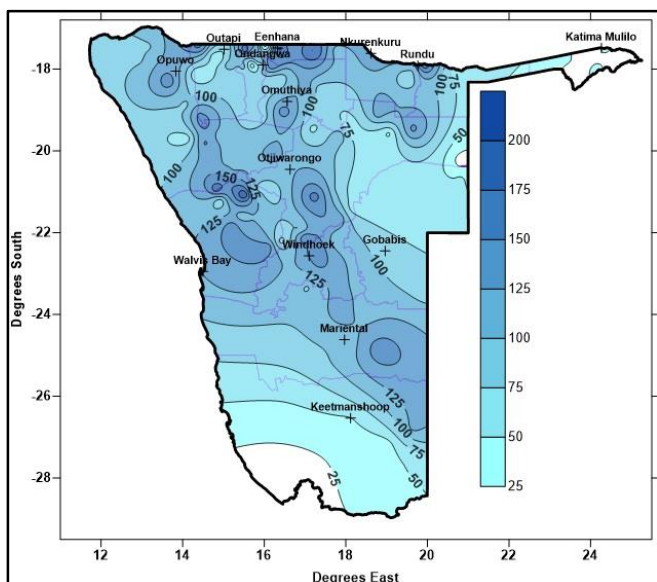


Figure 1. February 2022 rainfall in mm

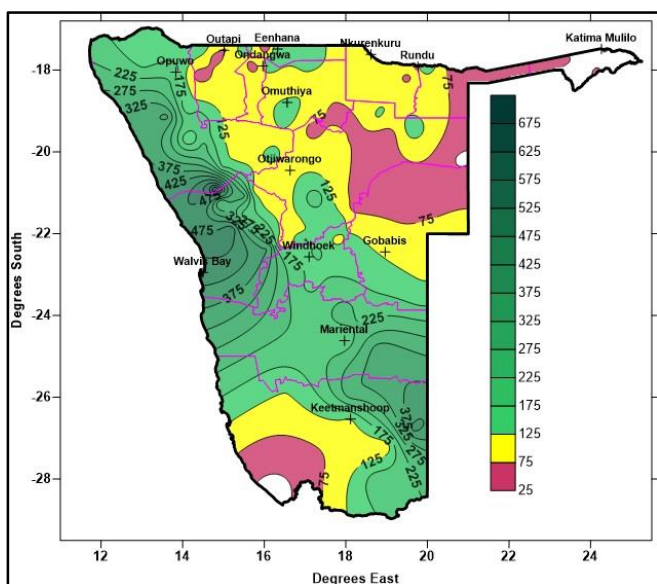


Figure 2. February 2022 percent of normal

However, after an exceptional rainfall performance during January, the Zambezi region received little to no rain during February. After a consistent below-average rainfall performance with an escalating rainfall deficit, the Omusati, Oshana and Oshikoto regions for the first time this rainy season received average rainfall for the month.

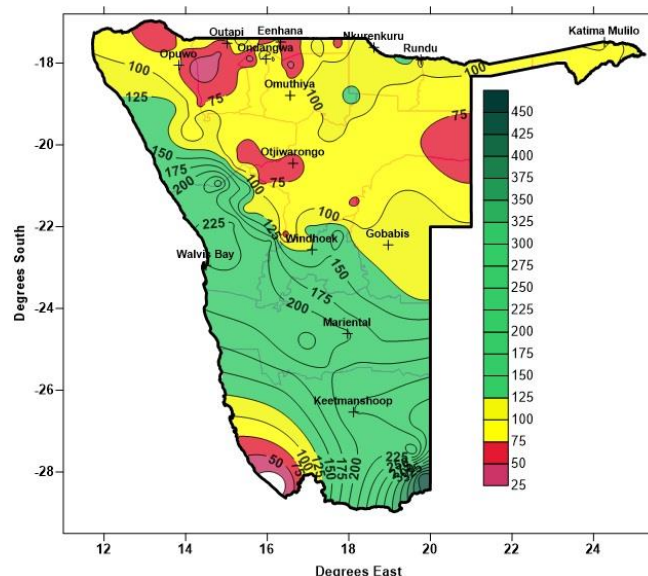


Figure 3. 1 October 2021 to 28 February 2022 percent of normal

On a seasonal scale (1 October 2021 to 28 February 2022), the performance of rainfall from the Tsumkwe area through Gam to Eiseb was mainly below average, which can easily lead to water challenges. The rainfall received to date did not normalize the situation in the Omusati and parts of the Oshana and western Ohangwena regions. Hence the risk of crop failure and water availability remains a major concern.

Table 1.

Station	01 – 10 February 2022	11 – 20 February 2022	21 – 28 February 2022	Highest Daily Falls	Month Total	Month Normal	Month Depart ure %	October 2021 Total & Relative Performance		
								2022 Total (mm)	Normal (mm)	Depart ure from Normal %
Endundja	0.0	0.0	0.0	0.0	0.0	134.0	-100	----	387	----
Ongha	50.0	42.0	59.0	28.5	151.0	125.0	21	280.4	425	-34
Okalongo	37.5	78.0	22.7	49.5	138.2	120.0	15	380.2	319	19
Okangwati	2.5	62.5	34.7	32.0	99.7	78.0	28	102.3	185	-45
Oshifo	9.1	79.0	101.0	65.0	189.1	106.0	78	307.1	298	3
Omafo	54.1	60.9	19.4	21.4	134.4	133.0	1	255.4	380	-33
Ongenga	72.0	54.0	30.5	30.0	156.5	121.0	29	304.5	344	-11
Onawa	13.0	27.0	41.5	18.0	81.5	110.0	-26	219.2	281	-22
Eenhana	127.2	27.0	60.5	40.0	214.7	120.0	79	297.2	394	-25
Katima Mulilo Airport	5.4	1.2	2.6	5.0	9.2	123.0	-93	493.9	477	4
Caprivi river Lodge	26.0	2.0	13.0	13.0	41.0	133.0	-69	-----	520	-----
Omauni	57.0	19.0	42.0	29.0	118.0	124.0	-5	287.0	442	-35
Etaiyi	23.6	136.0	41.0	92.0	200.6	115.0	74	-----	319	-----
Okongo	119.6	29.9	59.7	92.2	209.2	122.0	71	493.0	431	14
Onesi	12.0	52.6	19.0	36.0	83.6	98.0	-15	178.0	285	-38
Endola	42.0	78.5	0.0	78.5	120.5	120.0	0	234.5	331	-29
Oshikuku	30.0	76.0	29.5	52.0	135.5	110.0	23	268.0	310	-14
Kasheshe	10.0	4.0	0.0	10.0	14.0	118.0	-88	507.0	493	3
Mpungu	45.5	33.0	45.5	40.0	124.0	130.0	-5	525.0	448	17
Kahenge	99.0	12.5	31.0	22.0	142.5	133.0	7	512.0	459	12
Bukalo ADC	0.0	0.0	0.0	0.0	0.0	137.0	-100	454.0	504	-10
Ongula ya Netanga	45.5	41.0	59.0	50.0	145.5	113.0	29	277.3	341	-19
Tsandi	9.5	15.0	32.0	20.0	56.5	100.0	-44	141.6	299	-53
Sibinda	0.0	0.0	0.0	0.0	0.0	120.0	-100	477.1	499	-4
Oshigambo	61.0	61.9	52.3	38.0	175.2	106.0	65	352.0	313	12
Ongwediva	22.0	56.0	36.0	40.0	114.0	106.0	8	314.1	303	4

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Uukwangula	24.0	25.0	18.0	18.0	67.0	106.0	-37	155.6	304	-49
Okaku	41.5	29.7	33.2	35.0	104.4	106.0	-2	340.9	309	10
Kongola	7.2	28.1	3.0	18.1	38.3	110.0	-65	477.8	502	-5
Etanga	0.0	73.5	27.5	28.0	101.0	62.0	63	125.7	139	-10
Ruuga	75.0	34.0	22.0	23.0	131.0	115.0	14	574.2	407	41
Okahao	22.0	58.0	27.0	34.0	107.0	89.0	20	205.5	284	-28
Okaukamashe	35.0	18.0	40.5	35.0	93.5	102.0	-8	124.5	296	-58
Mashare	74.0	73.0	8.2	30.0	155.2	115.0	35	484.1	410	18
Andimba Toivo ya Toivo Airport	5.0	42.0	17.2	20.4	64.2	100.0	-36	195.1	303	-36
Kaisosi	184.6	18.0	10.7	85.0	213.3	122.0	75	540.7	435	24
Ompundja	26.2	0.0	12.5	18.0	38.7	101.0	-62	179.5	302	-41
Ondangwa DVS	33.0	39.5	39.5	26.0	112.0	100.0	12	286.5	303	-5
Rundu	60.0	39.4	6.8	38.2	106.2	121.0	-12	334.3	428	-22
Ngoma	9.2	10.5	1.0	10.0	20.7	126.0	-84	513.3	492	4
Eheke	49.9	6.1	19.4	20.5	75.4	93.0	-19	301.5	285	6
Onayena	69.0	45.0	54.0	40.0	168.0	108.0	56	326.0	330	-1
Sachona	0.0	12.0	0.0	10.0	12.0	118.0	-90	400.2	493	-19
Chichimane	0.0	26.0	9.0	20.0	35.0	118.0	-70	371.1	472	-21
Ndonga-Linena	25.0	8.0	46.0	25.0	79.0	118.0	-33	441.5	412	7
Olukonda	80.0	13.0	35.0	35.0	128.0	95.0	35	-----	296	-----
Otjisoko-Tjongava	9.7	70.4	57.5	29.2	137.6	71.0	94	169.7	206	-18
Ndiyona	35.0	21.0	14.5	16.0	70.5	117.0	-40	442.3	406	9
Mukwe	27.0	29.0	9.0	19.0	65.0	144.0	-55	446.0	447	0
Opuwo	0.5	69.0	66.5	42.0	136.0	72.0	89	180.5	210	-14
Opuwo ADC	15.0	53.0	65.0	50.0	133.0	72.0	85	159.3	210	-24
Onyuulaye	21.0	46.0	38.0	20.0	105.0	107.0	-2	136.0	350	-61
Omakange	8.0	21.0	24.0	16.0	53.0	90.0	-41	60.0	258	-77
Engombe	16.5	20.0	68.0	48.0	104.5	95.0	10	219.5	277	-21
Okani	11.5	69.9	0.0	40.0	81.4	95.0	-14	223.6	277	-19

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Onankali	61.0	29.0	0.0	38.0	90.0	103.0	-13	288.3	322	-10
Ncamagoro	46.0	32.0	0.0	32.0	78.0	117.0	-33	455.0	407	12
Omuntele	43.7	36.0	0.0	36.0	79.7	106.0	-25	240.3	316	-24
Kaoko-Otavi	12.0	94.1	63.0	46.0	169.1	73.0	132	188.7	214	-12
Okapyia	43.3	10.5	36.3	25.0	90.1	112.0	-20	-----	384	-----
King Kauluma	67.0	36.4	30.3	18.5	133.7	110.0	22	383.2	357	7
Mururani	47.5	69.5	17.5	52.0	134.5	110.0	22	334.5	377	-11
Namutoni	49.2	52.5	14.4	41.5	116.1	95.0	22	300.7	331	-9
Choantsas	5.0	57.0	19.0	28.0	81.0	103.0	-21	494.0	368	34
Oruvandjai	41.2	43.7	11.0	41.2	95.9	72.0	33	185.9	195	-5
Halali	48.0	103.3	14.9	81.5	166.2	101.0	65	-----	305	-----
Otjokavare	25.5	90.5	34.0	34.0	150.0	79.0	90	150.0	219	-32
Wilde	60.0	35.0	40.0	34.0	135.0	103.0	31	325.0	356	-9
Sesfontein	5.0	78.0	6.0	45.0	89.0	23.0	287	89.0	64	39
Okaukuejo	27.8	18.5	30.2	25.7	76.5	97.0	-21	201.8	260	-22
Galton Gate	34.8	106.3	24.0	92.0	165.1	80.0	106	287.6	222	30
Anderson Gate	64.0	21.0	15.0	34.5	100.0	106.0	-6	241.2	291.0	-17
Grootfontein Town	2.5	47.2	13.1	26.2	62.8	113.0	-44	407.0	401	1
Huttenhof	15.0	35.5	16.5	12.0	67.0	124.0	-46	337.0	399	-16
Mkata	90.0	50.0	19.0	50.0	159.0	104.0	53	280.0	355	-21
Grootfontein Airport	5.8	48.6	15.6	24.8	70.0	107.0	-35	338.4	393	-14
Simondeum	37.0	11.0	0.0	14.5	48.0	98.0	-51	-----	354	-----
Kamanjab	23.5	71.7	22.0	63.0	117.2	84.0	40	-----	206	-----
Otavi	7.0	73.9	7.8	41.0	88.7	114.0	-22	419.9	384	9
Awagobibtal	18.0	93.0	8.0	24.0	119.0	114.0	4	444.0	407	9
Erwee	26.5	33.4	3.0	25.0	62.9	50.0	26	85.4	116	-26
Otjirukaku	20.0	56.0	13.0	31.0	89.0	109.0	-18	322.0	402	-20
Anker	43.0	113.5	0.0	40.0	156.5	67.0	134	-----	158.0	-----

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Outjo	51.8	68.7	13.1	45.0	133.6	96.0	39	239.4	277	-14
Fransfontein	29.1	93.3	0.0	36.0	122.4	85.0	44	172.1	190	-9
Gam	0.0	0.0	10.0	10.0	10.0	91.0	-89	169.5	318	-47
Khorixas	19.9	108.2	0.0	77.5	128.1	70.0	83	202.6	156	30
Otjiwarongo	25.0	96.0	0.0	46.0	121.0	109.0	11	205.8	305	-33
Ronesterkop	14.4	107.0	1.0	68.0	122.4	70.0	75	133.6	175	-24
Eiseb	11.1	20.0	20.0	20.0	51.1	82.0	-38	-----	307	-----
LaPaloma	39.0	46.5	6.5	34.0	92.0	97.0	-5	289.0	312	-7
Eremutua	26.5	68.0	6.0	34.0	100.5	100.0	1	180.0	241	-25
Sorris Sorris	0.0	189.5	0.0	85.0	189.5	28.0	577	199.0	75	165
Ombona	30.9	36.5	17.5	19.0	84.9	108.0	-21	223.6	275	-19
Omatjette	70.2	150.5	7.5	71.0	228.2	66.0	246	296.3	170	74
Otjikururume	21.0	141.0	27.0	73.0	189.0	91.0	108	-----	270	-----
Eureka	60.2	35.7	6.5	29.8	102.4	97.0	6	-----	303	-----
Uis	20.1	57.0	2.0	50.0	79.1	30.0	164	142.6	80	78
Rodenbeck	26.1	36.1	0.0	23.2	62.2	92.0	-32	217.2	302.0	-28.1
Omaruru	84.4	31.2	4.4	63.9	120.0	85.0	41	206.5	192	8
Tubusis	42.7	67.8	0.0	27.5	110.5	53.0	108	129.1	117	10
Epukiro	44.5	0.0	18.0	18.0	62.5	91.0	-31	344.7	282	22
Ondunduwazirapi	87.5	54.5	4.5	73.5	146.5	98.0	49	241.0	300	-20
Spitzkoppe	44.1	122.8	0.0	62.5	166.9	33.0	406	185.6	83	124
Okahandja	51.6	50.6	0.0	18.0	102.2	92.0	11	-----	239	-----
Osona Village	8.5	12.7	149.0	115.5	170.2	91.0	87	321.7	247	30
Okahua	31.8	69.5	0.0	23.0	101.3	90.0	13	429.0	264	63
Omateva	19.5	89.0	3.0	30.0	111.5	78.0	43	269.7	251	7
Westenfallenhof	50.2	13.0	0.0	30.0	63.2	78.0	-19	130.1	204	-36
Pioniers Park	97.5	48.5	0.0	32.0	146.0	91.0	60	299.4	249	20
Otjimbingwe	68.5	93.7	0.0	40.0	162.2	44.0	269	217.3	108.0	101
Bergvlug	73.9	93.5	8.5	36.0	175.9	93.0	89	-----	247.0	-----
Windhoek	81.8	66.8	0.0	29.4	148.6	93.0	60	311.8	249.0	25

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Binsenheim	68.5	88.5	0.0	43.0	157.0	91.0	73	369.0	246.0	50
Rehoboth	28.0	69.0	0.0	29.5	97.0	59.0	64	254.0	156.0	63
Coridor13	67.0	25.5	0.0	60.0	92.5	67.0	38	232.5	213.0	9
Gomchanas-Ost	36.7	69.0	0.0	32.2	105.7	54.0	96	-----	146.0	-----
Hoachanas	81.0	72.0	0.0	35.0	153.0	57.0	168	237.0	148.0	60
Mariental	21.0	81.0	0.0	26.0	102.0	56.0	82	267.5	131.0	104
Maltahohe	33.1	61.3	0.0	32.0	94.4	45.0	110	214.9	91.0	136
Gochas	122.5	45.2	0.0	44.0	167.7	47.0	257	249.7	141.0	77
Gibeon	25.0	80.8	0.0	35.0	105.8	44.0	140	199.3	105.0	90
Aruab	6.4	55.3	0.0	21.0	61.7	47.0	31	160.7	96.0	67
Tses	13.5	75.0	0.0	50.0	88.5	28.0	216	168.2	77.0	118
Keetmanshoop	6.3	42.3	0.0	19.4	48.6	40.0	22	214.2	95.0	125
Aroab	121.5	10.3	0.0	57.1	131.8	30.0	339	274.0	104.0	163
Naos_Karas	25.5	9.0	0.0	9.5	34.5	38.0	-9	-----	112.0	-----
Snyriver-Noord	37.7	20.0	0.0	20.0	57.7	24.0	140	143.3	79.0	81
Karasburg	32.5	18.0	0.0	25.0	50.5	24.0	110	-----	69.0	-----
Ariamsvlei	26.5	24.0	0.0	26.5	50.5	22.0	130	295.1	65.0	354
Oranjemund	0.0	0.0	0.0	0.0	0.0	8.0	-100	0.6	24.0	-98