

# Bioclimatic report

## Exploratory analysis

**Mariquit** is located at latitude **5**. The mean monthly temperature is **25.7 °C** and total precipitation **2362** mm.

Ø 25.7 °C

Σ 2362 mm

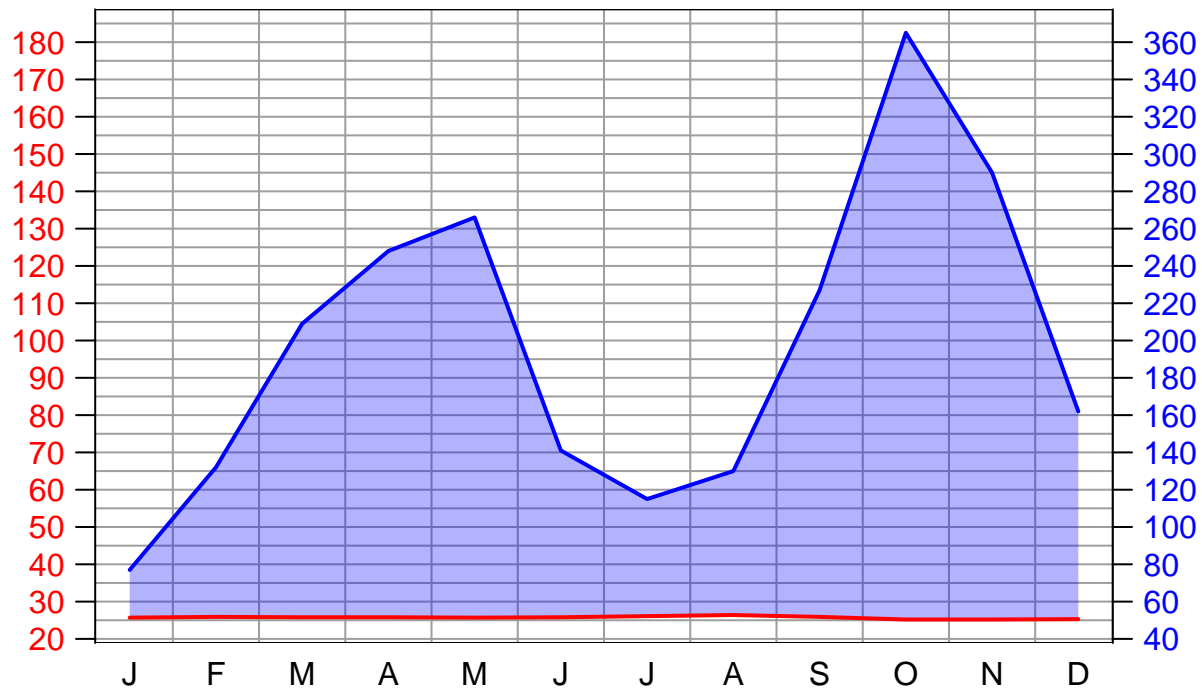


Table 1: Monthly climatic summary

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temp.	25.7	25.9	25.8	25.8	25.7	25.8	26.1	26.4	25.9	25.2	25.2	25.3
Precip.	77	132	209	248	266	141	115	130	227	365	290	162

Table 2: Water balance

	T	P	PET	TEAW	PALW	ST	i_ST	RET	MD	ME	r	rP
January	25.70	77	122.42	-45.42	-45.42	357.06	-42.94	119.94	-2.48	0.00	52.38	68.02
February	25.90	132	114.43	17.57	0.00	374.63	17.57	114.43	0.00	0.00	26.19	19.84
March	25.80	209	126.36	82.64	0.00	400.00	25.37	126.36	0.00	57.27	41.73	19.97
April	25.80	248	123.72	124.28	0.00	400.00	0.00	123.72	0.00	124.28	83.00	33.47
May	25.70	266	127.29	138.71	0.00	400.00	0.00	127.29	0.00	138.71	110.86	41.68
June	25.80	141	125.38	15.62	0.00	400.00	0.00	125.38	0.00	15.62	63.24	44.85
July	26.10	115	134.62	-19.62	-19.62	380.85	-19.15	134.15	-0.47	0.00	31.62	27.49
August	26.40	130	139.03	-9.03	-28.65	372.35	-8.50	138.50	-0.53	0.00	15.81	12.16
September	25.90	227	124.54	102.46	0.00	400.00	27.65	124.54	0.00	74.81	45.31	19.96
October	25.20	365	115.67	249.33	0.00	400.00	0.00	115.67	0.00	249.33	147.32	40.36
November	25.20	290	110.91	179.09	0.00	400.00	0.00	110.91	0.00	179.09	163.21	56.28
December	25.30	162	115.70	46.30	0.00	400.00	0.00	115.70	0.00	46.30	104.76	64.66
TOTAL	25.73	2362	1480.07	881.93	NA	NA	NA	1476.58	-3.49	885.42	885.42	37.40

Table 3: Monthly climatic summary

Thermal Index	671.33
Positive Temperature Index	3088.00

## Water balance

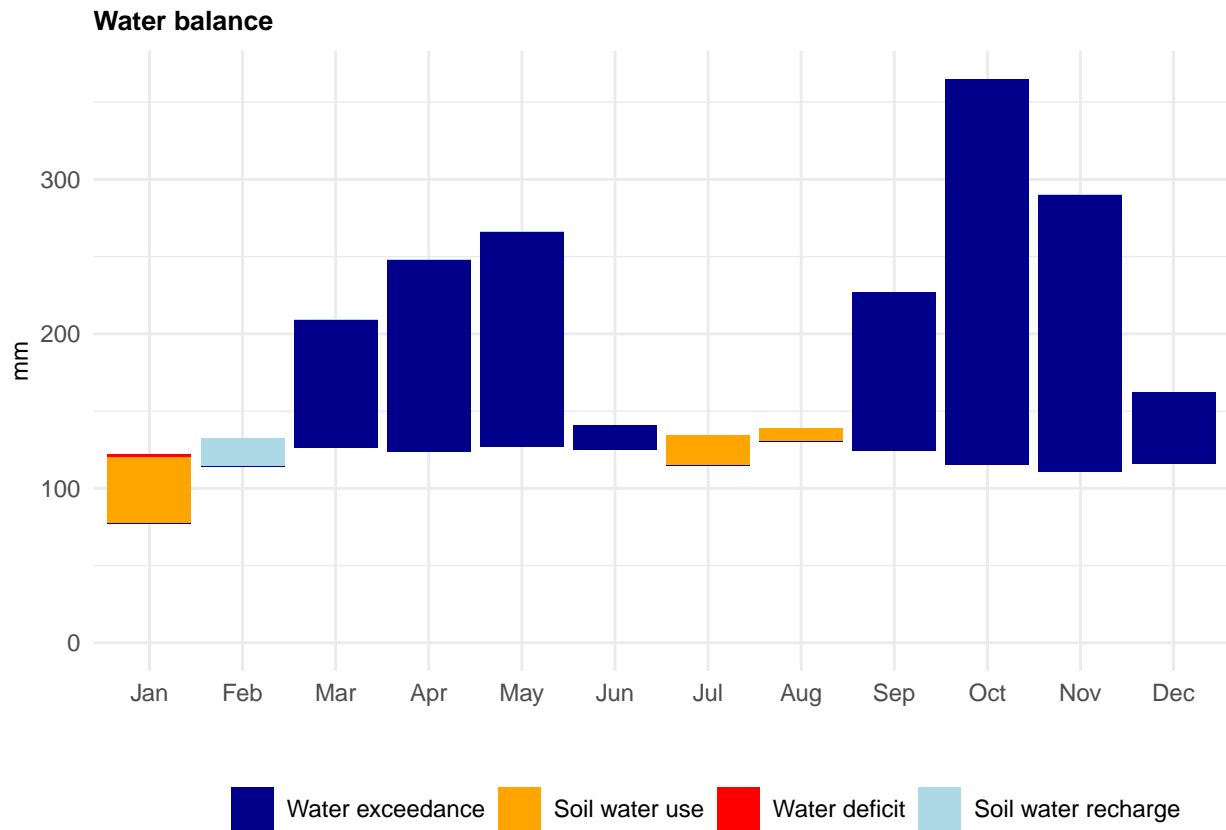


Table 4: Bioclimatic balance

	AIP	T	PET	RE	AW	S	CWA	T75	PBI	RBI	FBI	CBI	NA	NA	NA	NA	NA	NA	NA	NA
January	24.62	25.70	122.42	24.48	141.22	18.80	0	0	0	0	0	0	97.94	116.73	1.19	18.2	3.64	3.64	3.64	0
February	105.81	25.90	114.43	22.89	124.61	10.17	0	0	0	0	0	0	91.55	101.72	1.11	18.4	3.68	3.68	3.68	0
March	167.27	25.80	126.36	25.27	177.45	51.08	0	0	0	0	0	0	101.09	152.17	1.51	18.3	3.66	3.66	3.66	0
April	165.00	25.80	123.72	24.74	216.08	92.36	0	0	0	0	0	0	98.98	191.34	1.93	18.3	3.66	3.66	3.66	0
May	155.14	25.70	127.29	25.46	247.50	120.21	0	0	0	0	0	0	101.83	222.05	2.18	18.2	3.64	3.64	3.64	0
June	77.76	25.80	125.38	25.08	197.98	72.59	0	0	0	0	0	0	100.31	172.90	1.72	18.3	3.66	3.66	3.66	0
July	83.38	26.10	134.62	26.92	155.97	21.35	0	0	0	0	0	0	107.70	129.05	1.20	18.6	3.72	3.72	3.72	0
August	114.19	26.40	139.03	27.81	135.54	0.00	0	0	0	0	0	0	111.22	107.74	0.97	18.9	3.78	3.66	3.66	0
September	181.69	25.90	124.54	24.91	181.69	57.15	0	0	0	0	0	0	99.63	156.78	1.57	18.4	3.68	3.68	3.68	0
October	217.68	25.20	115.67	23.13	274.83	159.16	0	0	0	0	0	0	92.54	251.70	2.72	17.7	3.54	3.54	3.54	0
November	126.79	25.20	110.91	22.18	285.95	175.05	0	0	0	0	0	0	88.72	263.77	2.97	17.7	3.54	3.54	3.54	0
December	57.24	25.30	115.70	23.14	232.29	116.60	0	0	0	0	0	0	92.56	209.15	2.26	17.8	3.56	3.56	3.56	0
TOTAL	1476.58	25.73	1480.07	296.01	NA	NA	NA	NA	NA	NA	NA	NA	1184.06	2075.09	21.34	218.8	43.76	43.64	43.64	0

Table 5: Bioclimatic intensities

	IBPc	IBPc_g	IBCc	IBLc	IBLc_g	IBRc	IBSc	IBPf	IBPf_g	IBCf	IBLf	IBLf_g	IBRf	IBSf
January	3.64	0.00	0	3.64	3.64	3.64	0	0	0	0	0	0	0	0
February	3.68	0.00	0	3.68	3.68	3.68	0	0	0	0	0	0	0	0
March	3.66	0.00	0	3.66	3.66	3.66	0	0	0	0	0	0	0	0
April	3.66	0.00	0	3.66	3.66	3.66	0	0	0	0	0	0	0	0
May	3.64	0.00	0	3.64	3.64	3.64	0	0	0	0	0	0	0	0
June	3.66	0.00	0	3.66	3.66	3.66	0	0	0	0	0	0	0	0
July	3.72	0.00	0	3.72	3.72	3.72	0	0	0	0	0	0	0	0
August	3.78	0.12	0	3.66	3.66	3.66	0	0	0	0	0	0	0	0
September	3.68	0.00	0	3.68	3.68	3.68	0	0	0	0	0	0	0	0
October	3.54	0.00	0	3.54	3.54	3.54	0	0	0	0	0	0	0	0
November	3.54	0.00	0	3.54	3.54	3.54	0	0	0	0	0	0	0	0
December	3.56	0.00	0	3.56	3.56	3.56	0	0	0	0	0	0	0	0

## Bioclimatic balance

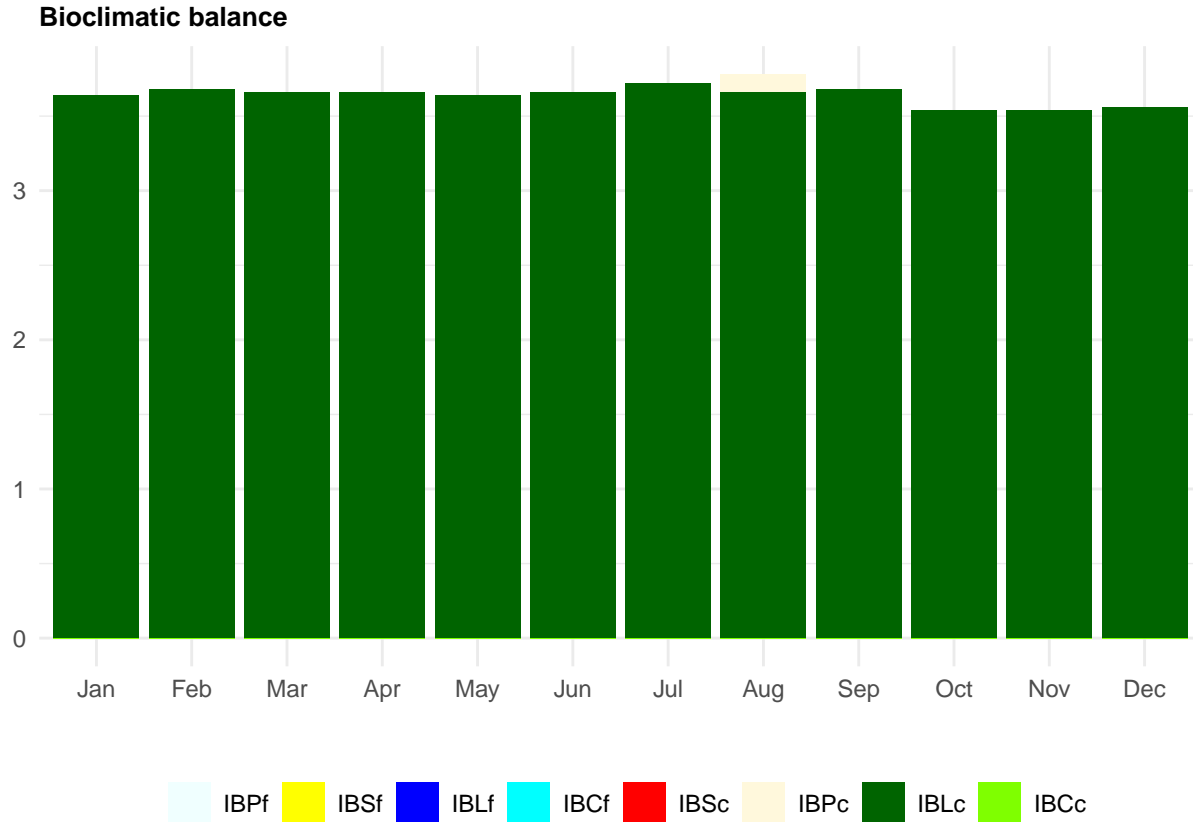


Table 6: Bioclimatic classification

PVH	PVT	type
0	0	Moderate humid Ombrophyllo