



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA RABACCA RELATIVE HUMIDITY

SUMMARY: 1 HOUR RELATIVE HUMIDITY

STATION NUMBER : 03 STATION NAME : Belle Isle Climate Station TIME-SERIES TYPE : Relative Humidity (%)

EASTING : 481249

NORTHING : 1464103

ELEVATION : 310.0 metres

MONTHLY / ANNUAL MAXIMA AND MINIMA

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2015	November	99.9	1	14:00	77.1	18	13:00
	December	99.9	1	15:00	77.3	6	11:00
2016	January	99.9	10	18:00	74.7	14	14:00
	February	99.9	7	17:00	77.9	2	12:00
	March	99.9	1	17:00	75.7	27	13:00
	April	99.9	23	12:00	78.8	10	12:00
	May	99.9	3	16:00	82.9	8	14:00
	June	99.9	10	16:00	86.9	11	10:00
	July	99.9	4	14:00	85.7	18	14:00
	August	99.9	2	10:00	87.1	24	14:00
	September	99.9	8	15:00	93.5	7	14:00
	October	99.9	25	12:00	94.6	28	13:00
	November	99.9	6	0.8	90.8	26	0.5
	December	99.9	1	0.4	94.6	1	0.3
2017	January	94.6	1	0.4	88.7	1	0.3
	February	88.6	1	0.4	83.6	1	0.3
	March	83.6	1	0.4	78.3	1	0.3
	April	78.3	1	0.4	73.5	1	0.3
	May	98.9	28	0.2	61.9	25	0.6
	June	100.0	25	6:00	61.5	1	14:00
	July	99.7	6	20:00	64.9	30	10:00
	August	100.0	15	22:00	65.7	31	13:00
	September	100.0	28	11:00	57.1	5	12:00
	October	100.0	17	1:00	65.1	20	12:00
	November	100.0	16	0:00	63.8	3	10:00
	December	100.0	31	4:00	59.1	12	9:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	99.2	10	4:00	64.8	1	8:00
	February	98.0	23	14:00	58.2	2	12:00
	March	100.0	1	3:00	60.3	19	13:00
	April	99.4	22	6:00	61.9	14	9:00
	May	97.2	21	21:00	66.0	16	12:00
	June	100.0	19	6:00	63.4	14	15:00
	July	97.9	1	12:00	74.4	2	10:00
	August	100.0	29	5:00	64.7	26	12:00
	September	100.0	14	3:00	65.1	15	13:00
	October	100.0	4	5:00	64.3	29	15:00
	November	100.0	9	14:00	67.7	23	10:00
	December	99.1	30	23:00	59.4	13	12:00
2019	January	98.6	27	7:00	54.6	29	8:00
	February	95.7	20	6:00	61.3	14	14:00
	March	100.0	17	7:00	58.5	20	14:00
	April	100.0	13	9:00	64.4	3	12:00
	May	100.0	30	17:00	62.7	26	10:00
	June	100.0	15	22:00	69.4	10	10:00
	July	100.0	28	8:00	69.3	21	13:00
	August	100.0	5	14:00	67.6	13	11:00
	September	100.0	16	11:00	65.7	14	15:00
	October	100.0	17	5:00	66.3	22	13:00
	November	100.0	2	18:00	65.3	18	13:00
	December	100.0	1	21:00	68.0	31	14:00
2020	January	100.0	6	11:00	64.3	19	9:00
	February	100.0	24	4:00	63.4	29	13:00
	March	100.0	21	7:00	61.9	5	13:00
	April	100.0	23	16:00	58.6	27	15:00
	May	100.0	20	2:00	64.9	9	12:00
Period		100.0	16-Sep-19	11:00:00	54.6	29-Jan-19	8:00:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA RABACCA AIR PRESSURE

SUMMARY: 1 HOUR AIR PRESSURE

STATION NUMBER : 03 STATION NAME : Belle Isle Climate Station TIME-SERIES TYPE : Air Pressure (Nm²)

EASTING : 481249

NORTHING : 1464103

ELEVATION : 310.0 metres

MONTHLY / ANNUAL MAXIMA AND MINIMA

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2015	November	1014.5	9	12:00	1005.7	20	16:00
	December	1017.2	30	10:00	1008.7	15	16:00
2016	January	1017.1	25	10:00	1009.1	10	3:00
	February	1016.7	10	9:00	1007.7	21	16:00
	March	1015.3	1	8:00	1009.4	4	4:00
	April	1014.9	1	9:00	1007.0	25	16:00
	May	1016.3	24	10:00	1009.2	6	16:00
	June	1017.3	15	9:00	1009.9	5	17:00
	July	1015.5	2	23:00	1007.6	30	17:00
	August	1014.3	6	23:00	1008.2	24	16:00
	September	1014.4	10	10:00	1006.2	4	16:00
	October	1012.1	4	10:00	1004.4	25	17:00
	November	1013.9	5	10:00	1003.7	1	15:00
	December	1014.7	10	10:00	1007.1	21	4:00
2017	January	1015.9	27	10:00	1008.5	10	16:00
	February	1015.9	10	11:00	1006.1	21	16:00
	March	1015.8	3	10:00	1008.5	26	16:00
	April	1015.7	1	9:00	1008.3	12	16:00
	May	1014.1	1	10:00	1003.5	20	16:00
	June	1010.4	10	10:00	1004.3	22	16:00
	July	1010.5	2	23:00	1004.3	27	17:00
	August	1010.8	3	22:00	1000.2	18	15:00
	September	1010.0	30	10:00	997.9	18	15:00
	October	1014.6	17	9:00	1003.2	31	16:00
	November	1011.2	5	10:00	1001.0	14	16:00
	December	1014.9	31	10:00	1002.2	11	16:00

Year	Month		First Maximum			First Minimum	
		Value	Date	Time	Value	Date	Time
2018	January	1014.8	1	11:00	1004.2	30	16:00
	February	1013.4	23	10:00	1005.0	3	16:00
	March	1012.8	7	10:00	1002.8	4	17:00
	April	1011.8	19	9:00	1004.5	1	17:00
	May	1011.4	6	8:00	1005.6	18	17:00
	June	1011.9	13	23:00	1005.5	30	16:00
	July	1009.1	1	23:00	1006.4	2	16:00
	August	1011.0	7	10:00	1005.3	13	16:00
	September	1009.6	28	11:00	1000.5	13	14:00
	October	1009.7	12	10:00	1002.8	11	3:00
	November	1009.6	22	10:00	1001.4	6	15:00
	December	1013.4	15	10:00	1004.6	4	15:00
2019	January	1012.1	23	10:00	1005.3	29	15:00
	February	1012.2	22	10:00	1005.1	4	16:00
	March	1012.1	2	9:00	1004.9	26	16:00
	April	1011.5	3	10:00	1004.4	23	17:00
	May	1010.5	1	10:00	1003.8	23	16:00
	June	1011.9	21	23:00	1004.2	1	16:00
	July	1011.7	9	22:00	1005.0	29	16:00
	August	1011.7	7	10:00	1003.0	27	4:00
	September	1009.3	4	0:00	1001.8	19	3:00
	October	1008.5	4	11:00	1001.5	29	17:00
	November	1008.8	6	9:00	999.6	16	15:00
	December	1009.1	5	9:00	1002.0	12	15:00
2020	January	1012.8	12	21:00	1003.2	23	5:00
	February	1011.9	10	10:00	1004.8	20	16:00
	March	1011.9	5	10:00	1003.1	27	15:00
	April	1010.9	17	9:00	1003.0	4	16:00
	May	1010.5	1	22:00	1003.8	4	16:00
Period							
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA RABACCA SOLAR RADIATION

SUMMARY: 1 HOUR SOLAR RADIATION

STATION NUMBER : 03 STATION NAME : Belle Isle Climate Station TIME-SERIES TYPE : Solar Radiation(Wm²)

EASTING : 481249 NORTHING : 1464103 ELEVATION : 310.0 metres

MONTHLY / ANNUAL MAXIMA AND MINIMA

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2015	November	1232.900	11	11:00:00	-2.400	28	22:00:00
	December	1125.400	14	12:00:00	-2.400	12	22:00:00
2016	January	1041.100	29	12:00:00	-2.600	23	23:00:00
	February	1342.500	26	12:00:00	-2.400	19	3:00:00
	March	1211.000	15	13:00:00	-3.100	28	4:00:00
	April	1290.500	2	11:00:00	-2.600	10	3:00:00
	May	1333.400	14	13:00:00	-2.400	19	4:00:00
	June	1301.000	7	12:00:00	-2.800	15	0:00:00
	July	1304.000	9	11:00:00	-2.400	25	1:00:00
	August	1349.900	17	11:00:00	-2.400	19	0:00:00
	September	1312.500	7	12:00:00	-2.600	15	23:00:00
	October	1077.300	8	12:00:00	-2.100	6	19:00:00
	November	1063.000	7	11:00:00	-2.900	29	0:00:00
	December	1020.400	1	12:00:00	-2.400	28	22:00:00
2017	January	1006.900	9	13:00:00	-2.300	1	5:00:00
	February	1149.900	26	12:00:00	-3.300	14	1:00:00
	March	1310.300	14	12:00:00	-2.400	7	5:00:00
	April	1271.000	22	12:00:00	-2.600	9	22:00:00
	May	1340.900	4	12:00:00	-4.000	27	2:00:00
	June	1335.700	11	13:00:00	-5.800	21	0:00:00
	July	1326.000	3	13:00:00	-4.100	18	2:00:00
	August	1300.400	25	14:00:00	-5.100	7	2:00:00
	September	1250.800	13	12:00:00	-2.800	17	22:00:00
	October	1109.100	12	11:00:00	-5.000	13	1:00:00
	November	1116.200	2	12:00:00	-3.200	26	4:00:00
	December	1103.800	22	12:00:00	-4.300	15	23:00:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	1100.400	24	13:00:00	-5.100	28	21:00:00
	February	1280.700	20	13:00:00	-5.700	22	3:00:00
	March	1271.400	18	12:00:00	-4.500	29	20:00:00
	April	1276.400	23	12:00:00	-5.400	8	4:00:00
	May	1260.800	18	12:00:00	-4.500	8	2:00:00
	June	1223.500	22	13:00:00	-6.400	30	22:00:00
	July	1005.900	2	12:00:00	-2.500	2	20:00:00
	August	1294.600	18	11:00:00	-3.900	9	0:00:00
	September	1228.700	1	11:00:00	-4.800	23	19:00:00
	October	1184.800	14	12:00:00	-3.400	14	3:00:00
	November	1093.300	27	10:00:00	-5.200	19	18:00:00
	December	1028.200	11	11:00:00	-5.300	13	3:00:00
2019	January	1141.600	20	12:00:00	-8.600	10	5:00:00
	February	1280.100	12	12:00:00	-5.400	18	6:00:00
	March	1340.500	4	12:00:00	-6.000	24	19:00:00
	April	1392.700	10	13:00:00	-4.900	4	5:00:00
	May	1261.100	17	11:00:00	-4.700	9	2:00:00
	June	1385.200	9	11:00:00	-4.100	25	21:00:00
	July	1378.500	13	12:00:00	-3.500	23	1:00:00
	August	1303.100	23	13:00:00	-3.600	17	5:00:00
	September	1290.700	21	11:00:00	-4.100	4	1:00:00
	October	1392.700	4	13:00:00	-6.100	6	21:00:00
	November	1199.000	1	12:00:00	-3.700	5	2:00:00
	December	1086.100	28	12:00:00	-6.000	4	21:00:00
2020	January	1079.200	20	13:00:00	-4.300	12	18:00:00
	February	1262.300	27	12:00:00	-4.900	3	20:00:00
	March	1357.000	1	12:00:00	-5.500	13	4:00:00
	April	1292.100	22	12:00:00	-6.100	13	5:00:00
	May	1334.400	20	13:00:00	-5.700	24	20:00:00
Period		1392.700	10-Apr-19	13:00:00	-8.600	10-Jan-19	5:00:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA RABACCA TEMPERATURE

SUMMARY: 1 HOUR TEMPERATURE

STATION NUMBER : 03 STATION NAME : Belle Isle Climate Station TIME-SERIES TYPE : Temperature (Celsius)

EASTING : 481249

NORTHING : 1464103

ELEVATION : 310.0 metres

MONTHLY / ANNUAL MAXIMA AND MINIMA

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2015	November	31.0	1	11:00	22.9	5	19:00
	December	29.3	4	11:00	22.8	10	23:00
2016	January	28.6	24	12:00	20.0	12	6:00
	February	29.1	29	12:00	20.4	5	5:00
	March	29.6	31	13:00	20.7	11	16:00
	April	30.6	17	14:00	21.8	15	5:00
	May	30.5	27	12:00	22.0	2	6:00
	June	30.1	10	12:00	22.6	12	10:00
	July	31.0	23	14:00	22.7	31	4:00
	August	31.4	5	13:00	22.7	23	5:00
	September	31.5	15	12:00	21.7	17	19:00
	October	30.7	12	13:00	22.1	31	0:00
	November	29.9	7	13:00	21.4	10	19:00
	December	28.9	1	11:00	20.0	9	1:00
2017	January	27.8	4	12:00	25.8	23	23:00
	February	28.0	22	11:00	23.4	21	6:00
	March	27.5	17	13:00	21.8	21	7:00
	April	29.5	11	13:00	20.5	21	7:00
	May	31.9	23	11:00	26.7	14	5:00
	June	31.8	22	12:00	22.4	23	7:00
	July	33.0	25	14:00	23.5	12	2:00
	August	32.9	23	12:00	22.4	4	0:00
	September	33.8	6	12:00	23.0	4	5:00
	October	32.3	9	13:00	22.5	23	19:00
	November	31.9	17	12:00	22.8	3	2:00
	December	31.0	1	12:00	24.5	2	22:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	30.3	16	11:00	21.8	10	5:00
	February	29.1	2	13:00	20.9	28	4:00
	March	30.7	25	11:00	22.0	4	0:00
	April	30.8	29	11:00	22.3	12	1:00
	May	31.9	27	13:00	22.9	15	8:00
	June	31.5	1	13:00	23.0	8	21:00
	July	31.2	25	10:00	23.7	8	21:00
	August	32.2	30	11:00	23.4	15	4:00
	September	32.2	7	12:00	22.9	14	9:00
	October	32.5	4	12:00	22.6	19	19:00
	November	31.7	12	13:00	22.3	24	6:00
	December	30.1	4	12:00	21.8	4	3:00
2019	January	29.8	11	11:00	21.7	5	23:00
	February	30.5	6	14:00	22.0	4	6:00
	March	30.2	28	10:00	22.3	12	1:00
	April	31.0	29	13:00	22.8	9	4:00
	May	32.1	15	13:00	22.9	31	6:00
	June	31.8	25	11:00	23.0	4	1:00
	July	32.2	30	11:00	23.4	24	6:00
	August	32.9	28	11:00	23.6	7	6:00
	September	33.0	20	13:00	22.8	4	4:00
	October	33.0	3	13:00	23.5	31	13:00
	November	32.1	2	13:00	22.3	18	6:00
	December	31.4	26	11:00	22.4	13	6:00
2020	January	30.5	29	12:00	20.7	27	5:00
	February	29.8	25	11:00	22.6	7	1:00
	March	30.0	12	11:00	21.9	16	6:00
	April	31.6	7	14:00	23.2	29	5:00
	May	31.2	6	10:00	22.8	10	5:00
Period		33.8	6-Sep-17	12:00	20.0	21-Apr-17	7:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			