



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA

RIVULET 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	100	2	21:00	65.1	18	12:00
	December	100	1	19:00	64.1	27	12:00
2016	January	100	12	2:00	61.0	30	14:00
	February	100	3	7:00	61.3	4	10:00
	March	100	12	6:00	55.3	24	13:00
	April	100	15	0:00	60.3	9	10:00
	May	100	2	1:00	67.6	25	14:00
	June	100	17	5:00	67.6	16	11:00
	July	100	15	7:00	69.0	17	14:00
	August	100	10	23:00	66.2	27	14:00
	September	100	21	6:00	68.9	30	13:00
	October	100	15	3:00	66.0	27	14:00
	November	100	2	14:00	72.9	25	13:00
	December	100	4	3:00	61.1	4	14:00
2017	January	100	13	7:00	60.0	13	10:00
	February	100	12	7:00	63.6	13	14:00
	March	100	28	23:00	65.5	20	13:00
	April	100	19	20:00	62.0	10	13:00
	May	100	5	23:00	70.1	26	10:00
	June	100	1	19:00	62.8	5	16:00
	July	100	3	18:00	72.9	3	9:00
	August	100	3	21:00	75.9	25	15:00
	September	100	1	20:00	66.3	17	15:00
	October	100	4	5:00	73.5	13	15:00
	November	100	2	0:00	73.6	1	12:00
	December	100	3	4:00	29.8	6	12:00

Year	Month		First Maximum			First Minimum	
		Value	Date	Time	Value	Date	Time
2018	January	100	5	2:00	72.8	31	15:00
	February	100	3	3:00	58.4	2	12:00
	March	100	28	3:00	66.9	19	14:00
	April	100	30	9:00	63.8	19	12:00
	May	100	13	1:00	67.7	16	13:00
	June	100	17	6:00	69.9	14	15:00
	July	100	6	6:00	72.0	22	11:00
	August	100	10	6:00	68.9	15	13:00
	September	100	25	5:00	72.9	21	16:00
	October	100	26	3:00	76.3	1	13:00
	November	100	7	12:00	82.4	2	13:00
	December	100	4	10:00	66.3	25	11:00
2019	January	100	23	23:00	58.6	29	14:00
	February	100	2	1:00	64.9	22	9:00
	March	100	11	23:00	61.9	20	14:00
	April	84.1	1	9:00	80.9	1	10:00
	May	100	5	19:00	73.2	6	13:00
	June	100	6	13:00	77.0	27	14:00
	July	100	28	13:00	79.8	11	14:00
	August	100	7	6:00	79.9	20	13:00
	September	100	10	21:00	76.0	14	14:00
	October	100	3	17:00	76.2	9	15:00
	November	100	11	2:00	76.0	18	14:00
	December	100	1	17:00	73.5	7	13:00
2020	January	100	31	8:00	73.4	19	11:00
	February	100	2	6:00	62.2	4	16:00
	March	100	19	19:00	67.3	5	13:00
	April	100	10	22:00	66.8	27	15:00
	May	100	4	0:00	71.4	14	15:00
Period		100	-	-	29.8	6-Dec-17	12:00:00
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 RIVULET 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	1007.5	9	12:00	997.0	20	15:00
	December	1009.3	29	23:00	1000.4	15	15:00
2016	January	1009.9	25	10:00	1001.7	9	15:00
	February	1009.4	10	9:00	999.9	21	15:00
	March	1008.4	22	10:00	1001.7	4	16:00
	April	1008.4	1	9:00	999.0	26	16:00
	May	1008.1	17	9:00	1001.1	31	16:00
	June	1010.3	12	8:00	1001.3	5	17:00
	July	1008.0	8	23:00	998.9	30	15:00
	August	1007.2	6	23:00	999.5	24	16:00
	September	1006.0	1	23:00	995.4	28	15:00
	October	1003.9	15	8:00	995.7	25	14:00
	November	1004.8	4	23:00	993.7	15	15:00
	December	1006.6	18	10:00	997.6	21	14:00
2017	January	1006.9	30	22:00	998.2	19	15:00
	February	1007.6	10	8:00	996.9	21	16:00
	March	1006.4	3	10:00	998.1	28	16:00
	April	1006.2	5	22:00	997.5	26	16:00
	May	1005.2	24	23:00	997.4	11	16:00
	June	1008.4	1	0:00	1003.7	18	14:00
	July	1009.7	1	23:00	996.7	27	16:00
	August	1005.4	3	22:00	993.1	18	16:00
	September	1003.9	2	22:00	993.1	18	14:00
	October	1004.1	22	9:00	993.2	9	15:00
	November	1004.0	28	22:00	995.4	18	16:00
	December	1006.6	1	8:00	997.0	1	14:00

Year	Month		First Maximum			First Minimum	
		Value	Date	Time	Value	Date	Time
2018	January	1007.4	5	10:00	998.6	30	16:00
	February	1008.4	21	22:00	1000.4	3	16:00
	March	1007.2	9	9:00	997.8	4	16:00
	April	1007.9	18	22:00	1000.0	2	16:00
	May	1007.4	11	22:00	1001.3	18	16:00
	June	1008.0	13	22:00	1000.4	30	16:00
	July	1007.6	12	23:00	1000.7	22	17:00
	August	1007.6	17	22:00	1000.7	31	16:00
	September	1004.3	16	22:00	996.4	13	15:00
	October	1004.9	17	9:00	997.3	20	14:00
	November	1005.4	30	12:00	998.4	9	16:00
	December	1009.3	15	8:00	1000.0	4	15:00
2019	January	1008.2	22	22:00	1000.9	29	16:00
	February	1009.0	23	10:00	1001.3	4	16:00
	March	1008.3	1	22:00	1000.4	26	15:00
	April	1005.2	1	9:00	1005.0	1	10:00
	May	1006.4	13	9:00	999.8	25	16:00
	June	1008.7	23	9:00	1000.5	1	14:00
	July	1007.7	9	22:00	1000.4	29	16:00
	August	1007.6	7	9:00	999.3	31	16:00
	September	1005.8	8	23:00	996.6	18	15:00
	October	1005.2	15	22:00	997.2	29	15:00
	November	1004.1	6	10:00	995.0	17	14:00
	December	1005.0	31	22:00	998.0	25	15:00
2020	January	1008.3	3	10:00	999.3	23	15:00
	February	1008.1	7	8:00	1000.6	17	15:00
	March	1008.3	6	8:00	999.4	27	14:00
	April	1007.4	13	10:00	999.4	4	16:00
	May	1007.3	1	22:00	1000.1	4	16:00
Period		1010.3	12-Jun-16	8:00	993.1	18-Aug-17	16:00
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 RIVULET SOLAR RADIATION

SUMMARY: 1 HOUR SOLAR RADIATION

STATION NUMBER : 03 STATION NAME : Belle Isle Climate Station TIME-SERIES TYPE : Solar Radiation(Wm^{^2})

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	1142.100	7	12:00	-5.200	14	4:00
	December	1109.200	23	12:00	-6.100	24	20:00
2016	January	1258.200	10	12:00	-4.300	2	5:00
	February	1204.500	26	13:00	-5.200	23	19:00
	March	1295.500	26	12:00	-5.200	28	4:00
	April	1392.600	9	12:00	-6.100	7	21:00
	May	1236.600	11	12:00	-4.300	11	4:00
	June	1263.400	5	13:00	-3.500	5	21:00
	July	1153.400	24	11:00	-6.100	6	3:00
	August	1260.800	17	12:00	-5.200	1	3:00
	September	1239.200	14	12:00	-6.100	9	20:00
	October	1319.800	9	11:00	-3.500	9	4:00
	November	1136.100	15	11:00	-3.500	6	0:00
	December	1110.900	25	12:00	-5.200	7	18:00
2017	January	1136.100	25	12:00	-4.300	6	0:00
	February	1196.700	10	12:00	-6.900	27	20:00
	March	1362.200	6	13:00	-6.900	14	0:00
	April	1279.900	28	12:00	-3.500	25	2:00
	May	1302.400	8	12:00	-3.500	3	21:00
	June	1267.800	29	13:00	-5.200	10	1:00
	July	1271.200	30	12:00	-6.100	5	20:00
	August	1234.800	7	12:00	-4.300	5	19:00
	September	1311.100	24	11:00	-5.200	10	19:00
	October	1278.200	14	12:00	-5.200	16	19:00
	November	1188.000	7	12:00	-5.200	8	5:00
	December	1161.200	18	13:00	-6.100	13	4:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	1246.100	19	12:00	-6.900	9	0:00
	February	1341.400	18	12:00	-6.100	5	22:00
	March	1282.500	3	12:00	-4.300	1	20:00
	April	1382.200	21	12:00	-3.500	2	19:00
	May	1273.000	3	12:00	-4.300	6	22:00
	June	1292.000	17	12:00	-4.300	22	20:00
	July	1457.500	3	13:00	-4.300	4	5:00
	August	1424.600	29	11:00	-4.300	15	23:00
	September	1347.500	11	12:00	-4.300	3	3:00
	October	1229.600	7	14:00	-4.300	26	18:00
	November	1266.900	4	11:00	-4.300	16	19:00
	December	1162.900	20	12:00	-6.900	15	19:00
2019	January	1254.800	25	10:00	-6.100	5	4:00
	February	1340.600	7	12:00	27.700	24	2:00
	March	1370.000	28	12:00	-5.200	5	20:00
	April	810.200	1	9:00	307.600	1	10:00
	May	1273.800	5	10:00	-4.300	27	22:00
	June	1177.600	9	12:00	-5.200	27	22:00
	July	1206.200	18	11:00	-5.200	2	5:00
	August	1195.800	22	13:00	-3.500	2	1:00
	September	1245.200	1	13:00	-4.300	14	4:00
	October	1156.800	13	11:00	-6.100	6	23:00
	November	1191.500	8	12:00	-4.300	28	21:00
	December	1130.800	2	13:00	-6.100	6	19:00
2020	January	1239.200	24	13:00	-3.500	7	2:00
	February	1244.400	13	12:00	-3.500	25	1:00
	March	1261.700	27	11:00	-3.500	1	19:00
	April	1287.700	13	13:00	-3.500	20	5:00
	May	1249.600	12	13:00	-6.100	8	5:00
Period		1457.500	3-Jul-18	13:00:00	-6.900	27-Feb-17	20:00:00
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 RIVULET 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	30.6	4	11:00	22.1	21	6:00
	December	29.9	4	13:00	22.4	31	5:00
2016	January	29.4	19	12:00	18.9	12	5:00
	February	29.6	23	12:00	20.7	5	6:00
	March	30.6	13	13:00	21.1	9	6:00
	April	30.7	23	12:00	21.9	15	6:00
	May	30.7	8	14:00	22.2	2	6:00
	June	30.5	16	15:00	22.7	20	5:00
	July	30.8	28	13:00	23.1	12	6:00
	August	31.6	27	14:00	22.2	23	6:00
	September	32.3	11	13:00	22.6	17	15:00
	October	31.8	22	12:00	22.8	31	5:00
	November	30.9	1	11:00	20.9	29	20:00
	December	30.7	4	14:00	22.3	4	5:00
2017	January	29.9	8	10:00	19.2	14	6:00
	February	29.3	18	13:00	18.2	23	6:00
	March	30.0	5	15:00	21.1	20	2:00
	April	29.9	19	13:00	22.7	19	22:00
	May	30.3	24	12:00	23.8	28	5:00
	June	30.9	5	16:00	22.8	23	6:00
	July	31.5	31	14:00	23.6	20	6:00
	August	31.7	1	15:00	22.4	4	5:00
	September	32.2	17	14:00	22.0	4	5:00
	October	31.2	13	15:00	22.8	17	4:00
	November	30.4	2	11:00	22.6	3	4:00
	December	31.0	5	13:00	19.9	11	6:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	29.7	4	13:00	21.2	26	6:00
	February	29.3	3	13:00	19.2	3	4:00
	March	29.7	13	13:00	21.3	3	5:00
	April	29.3	29	13:00	22.8	23	6:00
	May	29.9	13	11:00	22.6	18	2:00
	June	30.1	13	14:00	22.9	8	3:00
	July	30.2	17	14:00	22.2	1	15:00
	August	30.9	8	14:00	22.5	15	5:00
	September	31.9	12	11:00	22.8	13	5:00
	October	31.4	14	13:00	21.8	29	6:00
	November	30.5	17	13:00	21.8	24	6:00
	December	29.6	8	13:00	21.0	18	3:00
2019	January	29.4	16	12:00	20.9	13	5:00
	February	29.9	17	12:00	21.4	5	5:00
	March	30.0	5	13:00	21.8	12	1:00
	April	27.6	1	10:00	27.5	1	9:00
	May	30.6	17	14:00	22.7	31	4:00
	June	30.6	11	14:00	23.6	23	10:00
	July	31.4	24	13:00	23.6	14	23:00
	August	31.8	26	13:00	23.4	7	5:00
	September	31.7	27	13:00	23.3	6	5:00
	October	32.3	3	14:00	23.1	31	13:00
	November	31.3	19	12:00	21.2	17	6:00
	December	30.6	5	13:00	22.6	30	4:00
2020	January	30.0	31	12:00	20.5	27	4:00
	February	30.1	23	14:00	21.9	28	0:00
	March	30.4	19	13:00	21.1	16	6:00
	April	31.2	14	14:00	22.7	29	5:00
	May	30.9	27	12:00	24.2	10	7:00
Period		32.3	11-Sep-16	13:00	18.2	23-Feb-17	6:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			