



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA BELLE ISLE 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	100.0	10	19:00	21.0	5	10:00
	December	96.5	28	7:00	21.0	26	7:00
2016	January	100.0	6	20:00	19.8	15	5:00
	February	100.0	3	19:00	19.5	4	2:00
	March	100.0	7	22:00	20.0	12	6:00
	April	100.0	4	22:00	20.9	11	5:00
	May	100.0	8	22:00	22.0	10	23:00
	June	100.0	1	20:00	22.1	20	6:00
	July	100.0	1	17:00	21.5	18	6:00
	August	100.0	9	22:00	22.1	23	5:00
	September	100.0	1	18:00	21.0	17	16:00
	October	100.0	30	5:00	22.1	27	2:00
	November	100.0	23	8:00	19.1	29	21:00
	December	94.1	23	5:00	20.4	17	3:00
2017	January	100.0	9	23:00	19.5	10	3:00
	February	100.0	8	22:00	19.2	23	4:00
	March	100.0	8	22:00	19.6	18	7:00
	April	100.0	9	22:00	20.5	21	5:00
	May	100.0	7	23:00	22.1	7	3:00
	June	100.0	2	18:00	21.0	23	5:00
	July	100.0	3	20:00	22.0	5	1:00
	August	100.0	4	23:00	21.3	3	0:00
	September	100.0	3	19:00	21.5	18	5:00
	October	100.0	14	5:00	21.4	25	3:00
	November	100.0	29	20:00	21.4	5	2:00
	December	100.0	27	10:00	20.5	12	6:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	100.0	6	17:00	20.1	1	3:00
	February	100.0	1	21:00	18.9	23	20:00
	March	100.0	1	20:00	19.3	20	1:00
	April	100.0	1	11:00	20.5	14	1:00
	May	100.0	1	21:00	20.8	17	7:00
	June	100.0	8	19:00	21.2	1	6:00
	July	100.0	1	13:00	21.8	7	9:00
	August	100.0	1	19:00	21.7	18	4:00
	September	100.0	6	19:00	22.1	12	2:00
	October	97.3	9	7:00	20.7	18	16:00
	November	100.0	11	20:00	20.6	28	5:00
	December	100.0	4	6:00	20.7	3	7:00
2019	January	100.0	10	4:00	21.5	9	3:00
	February	100.0	2	3:00	21.6	1	9:00
	March	100.0	17	4:00	21.6	4	9:00
	April	100.0	4	5:00	22.4	1	9:00
	May	100.0	4	21:00	59.8	24	15:00
	June	100.0	9	3:00	25.3	4	9:00
	July	100.0	11	4:00	23.2	2	9:00
	August	100.0	1	20:00	67.9	23	15:00
	September	100.0	10	19:00	64.2	20	14:00
	October	100.0	8	5:00	62.1	2	15:00
	November	100.0	17	5:36	69.2	3	12:00
	December	100.0	12	16:00	68.3	31	14:00
2020	January	100.0	2	7:00	67.0	1	14:00
	February	100.0	7	1:00	66.7	4	16:00
	March	100.0	2	3:00	60.2	11	13:00
	April	100.0	29	5:00	61.1	27	15:00
	May	100.0	10	4:00	61.8	14	13:00
Period		100.00	6-Jan-16	20:00	18.9	23-Feb-18	20:00
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 BELLE ISLE 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	984.4	9	11:00	976.9	20	16:00
	December	987.5	30	10:00	979.4	15	16:00
2016	January	987.6	25	10:00	979.9	18	5:00
	February	987.0	10	9:00	978.5	21	16:00
	March	986.6	23	10:00	980.1	4	4:00
	April	985.5	4	9:00	977.8	26	16:00
	May	986.8	24	10:00	979.8	6	16:00
	June	987.7	14	22:00	980.5	5	17:00
	July	985.9	9	10:00	978.6	30	17:00
	August	985.2	6	23:00	979.4	24	16:00
	September	985.1	2	11:00	975.1	28	15:00
	October	983.4	14	10:00	975.8	25	17:00
	November	983.9	5	10:00	975.0	15	16:00
	December	985.2	10	10:00	977.3	21	4:00
2017	January	986.4	27	10:00	979.4	10	16:00
	February	986.6	10	10:00	977.7	21	16:00
	March	985.8	1	8:00	979.4	28	16:00
	April	986.3	1	10:00	978.9	12	17:00
	May	986.0	25	10:00	978.5	11	16:00
	June	985.7	10	10:00	980.0	7	17:00
	July	985.9	2	11:00	980.0	27	16:00
	August	986.0	3	22:00	975.7	18	12:00
	September	984.3	1	10:00	975.0	18	17:00
	October	985.0	17	11:00	976.9	9	17:00
	November	983.8	28	9:00	976.7	18	16:00
	December	985.2	31	10:00	977.6	11	16:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	986.0	5	10:00	978.4	30	16:00
	February	986.5	21	10:00	980.0	3	16:00
	March	986.1	11	11:00	977.5	4	16:00
	April	986.4	19	10:00	979.1	1	17:00
	May	985.7	6	8:00	980.3	4	17:00
	June	986.6	13	23:00	979.8	30	16:00
	July	986.2	12	23:00	980.2	22	17:00
	August	984.1	1	11:00	981.6	2	3:00
	September	983.5	7	10:00	976.4	27	16:00
	October	983.7	14	10:00	976.2	21	3:00
	November	984.3	30	9:00	977.0	6	15:00
	December	988.1	15	9:00	979.5	4	16:00
2019	January	986.7	23	10:00	980.2	29	16:00
	February	986.8	22	10:00	980.4	4	16:00
	March	986.9	1	10:00	979.9	26	15:00
	April	986.2	7	10:00	979.7	23	17:00
	May	985.9	1	10:00	979.6	10	17:00
	June	986.8	20	10:00	979.7	1	17:00
	July	986.3	9	22:00	979.5	15	4:00
	August	986.4	7	10:00	978.7	27	3:00
	September	984.5	9	10:00	977.1	19	3:00
	October	983.8	4	10:00	977.2	30	4:00
	November	983.3	6	10:00	975.7	17	15:36
	December	984.4	5	9:00	977.4	25	15:00
2020	January	986.4	8	9:00	978.4	23	5:00
	February	987.3	10	10:00	979.7	15	5:00
	March	987.4	5	10:00	978.8	27	16:00
	April	986.4	17	9:00	979.0	4	17:00
	May	986.2	9	10:00	979.4	4	16:00
Period		988.1	15-Dec-18	9:00	975.0	18-Sep-17	17:00
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 BELLE ISLE 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	1096.900	23	12:00	-2.700	15	5:00
	December	1094.800	27	12:00	-2.600	28	3:00
2016	January	1126.500	19	13:00	-2.900	11	22:00
	February	1263.900	4	13:00	-2.700	23	2:00
	March	1297.600	10	13:00	-2.900	20	20:00
	April	1367.500	1	12:00	-2.500	7	19:00
	May	1366.700	24	12:00	-2.600	17	19:00
	June	1233.000	30	12:00	-2.200	28	3:00
	July	1246.100	18	12:00	-2.300	22	20:00
	August	1371.800	30	11:00	-2.300	26	3:00
	September	1379.100	8	12:00	-2.900	16	1:00
	October	1136.000	28	12:00	-2.600	8	21:00
	November	1098.500	7	12:00	-2.500	17	1:00
	December	1093.700	3	11:00	-2.400	21	6:00
2017	January	1270.300	22	12:00	-2.800	12	4:00
	February	1374.200	15	12:00	-2.900	23	20:00
	March	1380.800	5	12:00	-2.700	4	23:00
	April	1492.800	20	12:00	-2.600	5	5:00
	May	1316.300	4	13:00	-3.100	11	0:00
	June	1230.100	19	11:00	-2.500	11	3:00
	July	1257.500	27	13:00	-3.000	30	5:00
	August	1319.100	25	12:00	-3.600	3	22:00
	September	1274.100	30	12:00	-2.600	16	4:00
	October	1335.800	26	11:00	-2.500	21	5:00
	November	1095.300	2	11:00	-3.200	11	1:00
	December	1111.100	6	13:00	-2.900	18	19:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	1066.400	31	11:00	-2.600	21	22:00
	February	1271.300	21	13:00	-2.700	12	6:00
	March	1413.800	17	13:00	-2.800	19	5:00
	April	1352.700	22	12:00	-2.500	1	1:00
	May	1307.800	7	11:00	-2.800	7	2:00
	June	1370.000	17	13:00	-2.500	7	23:00
	July	1466.800	3	12:00	-2.600	24	20:00
	August	1302.500	27	12:00	-2.300	16	19:00
	September	1383.600	10	12:00	-3.100	6	1:00
	October	1282.800	14	11:00	-2.900	30	0:00
	November	1116.300	13	13:00	-2.700	23	21:00
	December	1047.200	20	13:00	-2.900	17	5:00
2019	January	1137.000	30	13:00	-2.700	28	5:00
	February	1276.500	26	13:00	-2.700	5	5:00
	March	1265.800	27	12:00	-3.000	23	1:00
	April	1346.300	25	11:00	-2.700	16	3:00
	May	1372.300	20	12:00	-3.000	3	19:00
	June	1354.100	27	12:00	-2.600	6	23:00
	July	1403.200	29	12:00	-2.400	11	1:00
	August	1312.800	22	12:00	-2.400	11	23:00
	September	1472.900	23	12:00	-2.500	28	5:00
	October	1167.400	13	12:00	-2.800	27	1:00
	November	1165.800	1	11:00	-2.300	12	18:36
	December	1157.700	11	11:00	-2.500	6	0:00
2020	January	1115.100	25	13:00	-2.800	10	2:00
	February	1227.000	27	12:00	-2.900	21	23:00
	March	1325.500	17	13:00	-2.700	19	5:00
	April	1313.300	25	13:00	-2.500	10	0:00
	May	1267.100	21	13:00	-2.900	19	4:00
Period		1492.800	20-Apr-17	12:00	-3.600	3-Aug-17	22:00
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 BELLE ISLE 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	29.4	1	11:00	21.0	5	10:00
	December	28.7	16	14:00	21.0	26	7:00
2016	January	27.7	12	14:00	19.8	15	5:00
	February	29.1	29	13:00	19.5	4	22:00
	March	29.8	6	14:00	20.0	12	6:00
	April	31.1	17	14:00	20.9	11	5:00
	May	30.9	8	13:00	20.9	2	6:00
	June	29.8	11	12:00	22.1	20	6:00
	July	30.0	17	13:00	21.5	18	6:00
	August	30.6	9	13:00	22.1	23	5:00
	September	30.8	22	12:00	21.0	17	16:00
	October	31.2	19	12:00	22.1	27	2:00
	November	30.0	6	12:00	19.1	29	21:00
	December	28.6	5	13:00	20.4	17	3:00
2017	January	28.1	23	14:00	19.5	10	3:00
	February	27.9	24	12:00	19.2	23	4:00
	March	29.6	31	14:00	19.6	18	7:00
	April	29.9	13	13:00	20.5	21	5:00
	May	29.9	26	14:00	21.9	8	1:00
	June	29.3	1	13:00	21.0	23	5:00
	July	30.4	26	14:00	22.0	5	21:00
	August	30.5	31	13:00	21.3	3	20:00
	September	30.6	10	14:00	21.5	18	5:00
	October	29.9	5	12:00	21.4	25	3:00
	November	29.6	16	12:00	21.4	5	2:00
	December	28.9	3	12:00	20.5	12	6:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	27.9	4	11:00	19.9	1	6:00
	February	27.3	2	13:00	18.9	23	20:00
	March	29.0	25	13:00	19.3	20	1:00
	April	29.0	29	12:00	20.1	7	6:00
	May	29.3	23	13:00	20.8	17	7:00
	June	30.1	16	14:00	21.0	9	5:00
	July	25.4	2	9:00	21.2	1	16:00
	August	30.1	9	14:00	21.7	18	4:00
	September	30.3	18	12:00	22.1	12	2:00
	October	30.2	4	14:00	20.7	18	16:00
	November	29.8	12	13:00	20.6	28	5:00
	December	27.6	8	13:00	19.3	1	7:00
2019	January	27.6	14	12:00	19.5	1	6:00
	February	27.9	8	12:00	19.1	20	4:00
	March	28.6	21	15:00	19.2	12	3:00
	April	29.8	29	15:00	19.9	6	4:00
	May	30.7	28	14:00	21.2	30	18:00
	June	29.9	7	11:00	22.1	23	10:00
	July	30.1	6	13:00	22.1	21	5:00
	August	30.7	29	13:00	22.2	10	5:00
	September	31.9	14	13:00	22.1	16	12:00
	October	30.5	5	13:00	21.2	30	13:00
	November	30.1	15	13:36	21.4	10	8:00
	December	29.7	27	14:00	20.6	12	16:00
2020	January	29.0	27	12:00	20.4	28	6:00
	February	28.5	25	13:00	19.9	7	1:00
	March	29.4	28	13:00	19.7	21	6:00
	April	30.4	4	11:00	21.2	29	3:00
	May	31.7	27	14:00	21.6	10	7:00
Period		31.9	14-Sep-19	13:00	18.9	23-Feb-18	20:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			