



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA DUMBARTON 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	5	7:00	66.6	18	12:00
	December	100.0	3	11:00	70.0	6	12:00
2016	January	100.0	17	15:00	63.6	12	14:00
	February	100.0	5	8:00	55.6	4	11:00
	March	100.0	4	0:00	61.6	24	13:00
	April	100.0	21	0:00	66.1	9	10:00
	May	100.0	20	23:00	71.9	8	13:00
	June	100.0	18	11:00	70.1	26	15:00
	July	100.0	8	19:00	73.4	17	15:00
	August	100.0	4	21:00	63.3	23	11:00
	September	100.0	22	18:00	70.6	26	14:00
	October	100.0	11	3:00	72.4	21	11:00
	November	100.0	14	15:00	79.4	26	11:00
	December	100.0	2	21:00	72.0	4	14:00
2017	January	100.0	1	15:00	55.4	13	11:00
	February	100.0	1	18:00	66.1	18	15:00
	March	100.0	8	14:00	69.4	13	13:00
	April	100.0	12	3:00	63.9	10	13:00
	May	100.0	14	7:00	76.5	26	14:00
	June	100.0	25	13:00	76.7	22	15:00
	July	100.0	2	16:00	78.9	22	14:00
	August	100.0	7	8:00	76.6	21	14:00
	September	100.0	6	4:00	68.9	17	15:00
	October	100.0	22	0:00	77.3	29	14:00
	November	100.0	2	0:00	75.9	1	13:00
	December	100.0	4	21:00	68.2	10	13:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	100.0	13	11:00	74.5	1	8:00
	February	100.0	4	23:00	60.1	2	12:00
	March	100.0	5	17:00	70.9	19	12:00
	April	100.0	4	8:00	67.6	19	12:00
	May	100.0	1	18:00	74.2	16	13:00
	June	100.0	25	6:00	75.7	14	14:00
	July	100.0	15	7:00	81.5	5	13:00
	August	100.0	10	20:00	67.9	15	14:00
	September	100.0	3	3:00	74.7	25	12:00
	October	100.0	11	9:00	79.6	1	13:00
	November	100.0	13	16:00	78.1	28	10:00
	December	100.0	4	2:00	71.7	16	10:00
2019	January	100.0	6	3:00	64.1	29	11:00
	February	100.0	6	22:00	69.5	22	9:00
	March	100.0	20	23:00	70.1	20	14:00
	April	98.8	4	1:00	82.3	4	14:00
	May	100.0	14	21:00	80.1	24	14:00
	June	100.0	16	13:00	83.4	27	13:00
	July	100.0	8	7:00	81.2	3	11:00
	August	100.0	5	12:00	81.8	23	15:00
	September	100.0	15	11:00	67.6	14	13:00
	October	100.0	4	17:00	80.8	9	15:00
	November	100.0	25	15:00	74.8	18	15:00
	December	100.0	1	11:00	82.3	22	15:00
2020	January	100.0	24	13:00	77.7	10	13:00
	February	100.0	1	18:00	74.0	4	16:00
	March	100.0	14	14:00	76.0	5	13:00
	April	100.0	4	9:00	71.9	27	15:00
	May	100.0	2	15:00	77.4	14	15:00
Period		100.0	8-Jul-19	7:00	55.4	13-Jan-17	11:00
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 DUMBARTON 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	996.2	9	12:00	986.5	20	16:00
	December	998.0	30	10:00	990.0	15	14:00
2016	January	998.8	25	10:00	990.3	9	15:00
	February	998.0	10	9:00	988.7	21	16:00
	March	997.4	23	9:00	990.4	3	15:00
	April	996.4	1	9:00	987.6	25	16:00
	May	996.8	24	10:00	989.9	8	16:00
	June	998.6	12	8:00	990.5	5	17:00
	July	996.4	2	23:00	988.4	30	15:00
	August	995.9	6	22:00	988.6	24	16:00
	September	995.0	10	10:00	984.7	28	15:00
	October	993.5	15	8:00	985.7	25	14:00
	November	994.9	5	10:00	984.5	1	15:00
	December	995.3	18	10:00	987.8	21	15:00
2017	January	996.4	27	11:00	989.2	10	16:00
	February	997.2	10	10:00	987.2	22	17:00
	March	996.4	3	11:00	989.2	29	16:00
	April	996.3	6	9:00	989.2	11	16:00
	May	996.0	24	10:00	988.9	7	16:00
	June	995.9	10	10:00	989.5	22	16:00
	July	995.9	2	23:00	989.6	27	16:00
	August	996.7	3	21:00	986.1	18	16:00
	September	994.6	2	22:00	984.3	18	16:00
	October	995.3	22	10:00	986.1	13	15:00
	November	993.8	28	10:00	986.1	14	15:00
	December	995.3	1	8:00	986.7	11	16:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	996.2	5	10:00	988.0	30	15:00
	February	997.1	16	10:00	989.4	3	15:00
	March	996.2	14	11:00	987.3	4	16:00
	April	996.6	15	22:00	989.0	1	16:00
	May	996.0	6	9:00	990.2	18	16:00
	June	996.7	13	23:00	989.7	30	16:00
	July	996.2	12	23:00	990.3	7	16:00
	August	995.7	8	22:00	989.4	30	16:00
	September	995.2	8	0:00	985.5	13	14:00
	October	993.2	13	21:00	984.7	21	14:00
	November	994.1	22	9:00	986.2	12	16:00
	December	997.7	15	10:00	989.2	4	15:00
2019	January	997.1	17	9:00	989.8	29	16:00
	February	997.1	22	11:00	989.6	8	15:00
	March	996.8	1	10:00	989.4	26	15:00
	April	996.0	3	10:00	989.4	22	16:00
	May	995.4	1	10:00	988.9	27	16:00
	June	996.9	23	9:00	989.2	1	17:00
	July	997.6	8	11:00	989.2	29	16:00
	August	996.0	7	9:00	988.5	27	3:00
	September	994.6	8	23:00	986.0	18	15:00
	October	993.3	3	22:00	986.2	29	15:00
	November	993.1	6	10:00	984.7	17	16:00
	December	993.9	5	9:00	987.4	25	15:00
2020	January	996.6	3	22:00	988.6	22	16:00
	February	997.0	10	11:00	989.8	20	16:00
	March	997.4	5	10:00	988.4	12	16:00
	April	995.8	17	9:00	988.6	4	16:00
	May	995.9	1	22:00	989.3	4	16:00
Period		998.8	25-Jan-16	10:00	984.3	18-Sep-17	14:00
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 DUMBARTON 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	1311.900	4	11:00	-2.700	7	20:00
	December	1135.600	12	12:00	-2.700	28	23:00
2016	January	1266.800	23	12:00	-2.000	2	18:00
	February	1350.600	26	13:00	-4.300	14	20:00
	March	1338.700	29	13:00	-3.500	23	3:00
	April	1340.300	9	13:00	-2.000	9	3:00
	May	1362.500	10	12:00	-2.700	27	20:00
	June	1251.800	17	13:00	-1.200	1	19:00
	July	1282.600	18	13:00	-2.000	22	3:00
	August	1400.400	16	11:00	-1.200	1	21:00
	September	1275.500	14	12:00	-2.000	8	1:00
	October	1221.700	25	11:00	-3.500	24	0:00
	November	1219.400	17	11:00	-4.300	12	23:00
	December	1172.700	12	11:00	-6.700	15	22:00
2017	January	1247.800	27	12:00	-2.700	31	1:00
	February	1383.000	16	12:00	-4.300	24	5:00
	March	1335.600	28	12:00	-2.000	8	3:00
	April	1453.400	24	12:00	-2.700	17	1:00
	May	1397.200	7	12:00	-2.000	5	21:00
	June	1372.700	18	12:00	-2.000	11	0:00
	July	1352.200	25	12:00	-2.000	8	19:00
	August	1417.800	14	13:00	-2.000	15	4:00
	September	1337.200	22	12:00	-2.000	1	20:00
	October	1311.100	11	12:00	-4.300	11	22:00
	November	1238.300	2	11:00	-2.700	11	1:00
	December	1318.200	1	11:00	-2.700	12	18:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	1186.200	23	12:00	-1.200	4	21:00
	February	1346.600	24	12:00	-4.300	18	2:00
	March	1368.800	23	11:00	-2.000	14	19:00
	April	1450.200	11	11:00	-2.000	3	20:00
	May	1458.100	14	12:00	-3.500	7	5:00
	June	1244.700	1	12:00	-2.000	8	21:00
	July	1228.100	13	13:00	-2.700	4	23:00
	August	1186.200	23	12:00	-2.000	25	21:00
	September	1328.500	23	12:00	-2.000	9	20:00
	October	1294.500	12	11:00	-3.500	5	21:00
	November	1224.100	24	12:00	-2.700	30	22:00
	December	1292.900	31	12:00	-4.300	29	1:00
2019	January	1300.000	16	13:00	-2.700	6	21:00
	February	1421.700	26	13:00	-2.000	1	20:00
	March	1388.500	25	11:00	-4.300	26	19:00
	April	1547.400	25	12:00	-1.200	2	0:00
	May	1397.200	30	12:00	-2.000	11	4:00
	June	1348.200	1	12:00	-2.000	2	3:00
	July	2204.300	8	12:00	-1.200	2	19:00
	August	1389.300	22	12:00	-2.000	24	1:00
	September	1389.300	1	12:00	-2.000	1	23:00
	October	1267.600	27	12:00	-3.500	14	19:00
	November	1221.000	1	11:00	-2.700	6	2:00
	December	1163.300	13	12:00	-2.700	29	19:00
2020	January	1291.300	29	12:00	-5.900	11	4:00
	February	1316.600	12	13:00	-2.000	3	19:00
	March	1462.100	17	11:00	-5.900	29	20:00
	April	1439.900	29	11:00	-5.100	2	4:00
	May	1322.100	4	12:00	-2.000	23	20:00
Period		2204.300	8-Jul-19	12:00	-6.700	15-Dec-16	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 DUMBARTON 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	29.8	2	13:00	21.0	21	6:00
	December	28.8	1	11:00	22.6	4	5:00
2016	January	27.8	19	12:00	17.7	12	5:00
	February	29.2	4	11:00	18.4	4	23:00
	March	29.1	14	13:00	19.8	9	6:00
	April	29.6	25	12:00	19.9	15	6:00
	May	29.7	8	13:00	21.8	2	6:00
	June	29.5	26	15:00	22.2	30	8:00
	July	30.1	28	13:00	22.7	23	21:00
	August	30.9	23	11:00	20.8	23	6:00
	September	31.2	27	12:00	21.8	21	5:00
	October	30.8	19	13:00	21.4	31	6:00
	November	29.8	1	11:00	20.6	29	20:00
	December	29.3	2	11:00	21.4	4	6:00
2017	January	28.8	9	12:00	17.9	14	2:00
	February	28.9	21	13:00	16.7	23	6:00
	March	28.7	20	15:00	20.9	18	7:00
	April	29.2	25	13:00	22.1	21	5:00
	May	29.3	13	11:00	23.1	8	5:00
	June	29.4	27	12:00	22.3	23	6:00
	July	30.4	22	14:00	23.2	20	20:00
	August	30.6	29	14:00	21.8	4	5:00
	September	31.4	5	12:00	19.5	4	6:00
	October	30.7	13	12:00	22.5	9	5:00
	November	29.5	1	11:00	21.6	2	5:00
	December	29.1	3	13:00	18.4	11	5:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	28.0	12	12:00	21.5	10	5:00
	February	28.1	1	12:00	18.3	28	4:00
	March	29.1	5	11:00	20.2	4	2:00
	April	28.4	10	13:00	21.8	6	6:00
	May	28.7	27	12:00	22.5	21	20:00
	June	29.3	16	14:00	22.9	25	1:00
	July	28.9	17	13:00	21.8	1	15:00
	August	29.8	15	14:00	21.6	15	6:00
	September	30.9	12	12:00	21.7	13	6:00
	October	30.0	4	13:00	20.7	18	16:00
	November	28.4	1	11:00	23.7	2	6:00
	December	28.2	7	13:00	20.9	4	3:00
2019	January	27.7	13	11:00	20.2	29	7:00
	February	27.8	7	14:00	19.7	5	4:00
	March	28.3	16	11:00	21.1	12	1:00
	April	28.8	27	13:00	21.2	23	2:00
	May	29.6	30	13:00	22.0	31	6:00
	June	29.3	3	13:00	23.2	23	10:00
	July	29.9	8	13:00	22.1	29	2:00
	August	30.2	20	13:00	21.6	7	4:00
	September	31.9	13	13:00	20.6	14	6:00
	October	30.6	3	13:00	22.1	21	6:00
	November	30.1	15	12:00	19.5	18	5:00
	December	29.2	1	13:00	21.2	30	4:00
2020	January	28.7	1	13:00	17.7	27	6:00
	February	28.5	23	14:00	21.5	22	6:00
	March	29.0	20	13:00	19.8	16	6:00
	April	29.0	4	11:00	21.9	29	5:00
	May	29.4	24	13:00	22.3	20	21:00
Period		31.9	13-Sep-19	13:00	16.7	23-Feb-17	6:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			