



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA

DALAWAY 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
2016	June	97.3	25	4:00	56.7	26	12:00
	July	99.7	18	6:00	59.1	18	14:00
	August	100.0	4	6:00	58.2	24	15:00
	September	100.0	28	16:00	54.3	20	10:00
	October	100.0	30	2:00	60.7	19	13:00
	November	100.0	2	1:00	64.5	13	14:00
	December	99.4	22	3:00	62.0	5	12:00
2017	January	100.0	10	2:00	46.6	13	12:00
	February	100.0	13	7:00	57.6	23	11:00
	March	100.0	20	0:00	62.6	20	15:00
	April	100.0	20	2:00	57.9	10	12:00
	May	100.0	27	22:00	65.2	26	14:00
	June	100.0	14	3:00	40.2	12	22:00
	July	100.0	5	0:00	62.7	22	14:00
	August	100.0	22	4:00	63.4	31	14:00
	September	100.0	4	23:00	57.2	17	14:00
	October	100.0	3	23:00	53.5	13	13:00
	November	100.0	14	21:00	58.3	25	13:00
	December	100.0	1	15:00	52.1	12	11:00

Year	Month		First Maximum			First Minimum	
		Value	Date	Time	Value	Date	Time
2018	January	100.0	10	4:00	63.1	4	13:00
	February	99.8	23	6:00	56.7	2	13:00
	March	100.0	5	9:00	56.2	19	14:00
	April	100.0	5	5:00	59.3	15	14:00
	May	100.0	26	3:00	65.9	11	13:00
	June	100.0	17	6:00	68.5	16	14:00
	July	100.0	27	9:00	59.5	25	14:00
	August	100.0	5	20:00	61.0	24	14:00
	September	100.0	27	14:00	58.5	11	15:00
	October	100.0	14	2:00	56.8	28	10:00
	November	100.0	6	7:00	65.5	12	16:00
	December	100.0	18	4:00	61.3	25	11:00
2019	January	100.0	21	19:00	47.7	29	14:00
	February	100.0	20	5:00	63.5	8	15:00
	March	100.0	17	2:00	56.8	21	10:00
	April	99.5	16	8:00	60.7	22	14:00
	May	100.0	15	21:00	59.4	24	15:00
	June	100.0	6	16:00	68.1	25	11:00
	July	100.0	28	17:00	61.8	3	13:00
	August	100.0	5	16:00	63.1	20	13:00
	September	100.0	16	0:00	42.5	13	13:00
	October	100.0	17	9:00	61.6	20	14:00
	November	100.0	22	17:00	58.4	23	13:00
	December	100.0	3	20:00	61.7	29	13:00
2020	January	100.0	2	9:00	58.7	28	15:00
	February	100.0	5	21:00	58.8	22	15:00
	March	100.0	14	19:00	58.0	28	12:00
	April	100.0	16	3:00	59.3	27	14:00
	May	100.0	20	2:00	64.9	9	12:00
Period		100.0	14-Oct-18	2:00	40.2	12-Jun-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 DALAWAY 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
2016	June	982.630	26	22:00	978.111	26	16:00
	July	981.633	18	0:00	977.712	18	16:00
	August	983.029	6	23:00	974.721	24	16:00
	September	982.630	6	9:00	972.528	28	15:00
	October	980.105	15	0:00	972.262	25	14:00
	November	981.766	5	10:00	970.534	21	16:00
	December	981.899	10	9:00	974.389	3	15:00
2017	January	983.494	26	8:00	975.784	19	16:00
	February	984.292	10	10:00	973.724	21	15:00
	March	982.896	21	23:00	975.253	29	16:00
	April	982.963	1	9:00	975.519	12	16:00
	May	982.564	30	8:00	975.120	20	16:00
	June	982.365	10	10:00	975.319	22	16:00
	July	982.896	1	23:00	976.050	27	15:00
	August	984.824	3	22:00	973.259	18	9:00
	September	982.697	14	12:00	971.398	18	16:00
	October	982.165	17	9:00	972.195	9	15:00
	November	980.703	28	9:00	972.195	18	14:00
	December	982.298	31	9:00	972.926	2	15:00

Year	Month		First Maximum			First Minimum	
		Value	Date	Time	Value	Date	Time
2018	January	983.229	5	10:00	974.123	30	15:00
	February	984.026	16	10:00	975.718	28	16:00
	March	982.830	11	11:00	973.724	4	16:00
	April	983.561	15	23:00	975.253	2	16:00
	May	982.763	11	23:00	976.449	18	16:00
	June	983.229	13	22:00	976.117	30	16:00
	July	982.963	12	23:00	975.917	22	16:00
	August	982.763	17	22:00	975.585	30	16:00
	September	979.972	7	22:00	972.129	13	14:00
	October	980.703	13	22:00	972.528	25	15:00
	November	980.769	22	9:00	971.531	6	15:00
	December	984.957	15	9:00	975.452	4	15:00
2019	January	983.694	21	10:00	975.519	29	16:00
	February	983.960	17	10:00	975.851	4	16:00
	March	983.162	2	9:00	975.585	21	16:00
	April	982.630	7	9:00	975.120	22	15:00
	May	981.899	1	10:00	974.521	25	16:00
	June	983.029	21	23:00	975.452	1	15:00
	July	982.498	9	22:00	974.588	29	14:00
	August	982.431	7	9:00	973.724	31	16:00
	September	981.434	8	23:00	971.331	18	15:00
	October	979.839	14	22:00	971.929	29	15:00
	November	988.638	12	12:00	970.201	16	15:00
	December	993.534	2	10:00	972.727	25	15:00
2020	January	983.295	3	22:00	974.389	28	15:00
	February	983.893	7	9:00	975.452	16	15:00
	March	983.229	9	9:00	974.189	27	14:00
	April	982.564	13	11:00	974.322	4	16:00
	May	982.298	10	8:00	974.854	4	15:00
Period		993.534	2-Dec-19	10:00:00	970.201	16-Nov-19	15:00:00
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 DALAWAY 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
2016	June	1157.300	27	14:00	-4.600	27	19:00
	July	1170.100	18	12:00	-3.300	1	3:00
	August	1333.300	30	13:00	-5.700	9	21:00
	September	1365.500	7	12:00	-4.600	8	22:00
	October	1208.400	25	12:00	-4.500	29	18:00
	November	1249.700	27	12:00	-6.500	19	5:00
	December	1148.800	11	13:00	-5.700	18	23:00
2017	January	1237.700	20	12:00	-5.300	7	3:00
	February	1330.000	7	12:00	-4.400	20	19:00
	March	1253.100	12	13:00	-5.300	18	20:00
	April	1250.200	8	12:00	-5.200	11	5:00
	May	1308.800	28	14:00	-4.800	2	3:00
	June	1148.800	22	13:00	-3.900	22	2:00
	July	1304.000	4	12:00	-3.700	29	1:00
	August	1301.900	26	12:00	-4.500	17	21:00
	September	1513.700	12	13:00	-4.700	4	3:00
	October	1173.000	6	11:00	-6.900	23	4:00
	November	1190.700	14	12:00	-6.200	21	0:00
	December	1160.200	8	12:00	-5.700	14	19:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	1228.000	24	13:00	-4.200	7	20:00
	February	1152.600	1	13:00	-5.300	1	19:00
	March	1336.800	11	12:00	-4.400	19	4:00
	April	1371.300	23	12:00	-4.900	6	19:00
	May	1393.700	17	13:00	-3.300	11	19:00
	June	1241.800	20	11:00	-4.300	30	23:00
	July	1188.900	24	13:00	-5.400	2	23:00
	August	1326.100	27	12:00	-5.700	21	0:00
	September	1429.700	27	12:00	-3.700	11	23:00
	October	1312.100	5	13:00	-7.600	30	1:00
	November	1160.100	28	12:00	-6.700	17	5:00
	December	1204.200	16	12:00	-4.700	25	6:00
2019	January	1153.200	26	12:00	-5.900	14	20:00
	February	1270.400	11	12:00	-4.200	28	6:00
	March	1301.100	9	12:00	-5.400	13	0:00
	April	1360.600	15	12:00	-5.100	17	21:00
	May	1295.200	2	13:00	-4.900	3	20:00
	June	1228.200	5	12:00	-4.700	4	21:00
	July	1411.900	13	11:00	-3.300	19	19:00
	August	1328.800	11	11:00	-3.900	23	19:00
	September	1238.100	21	13:00	-5.500	21	20:00
	October	1257.300	4	12:00	-4.500	8	22:00
	November	1138.100	19	12:00	-5.500	8	22:00
	December	1155.600	7	12:00	-4.700	3	1:00
2020	January	1186.500	22	12:00	-5.700	27	22:00
	February	1233.600	18	12:00	-3.900	27	20:00
	March	1428.400	27	12:00	-4.600	29	4:00
	April	1356.400	25	12:00	-6.600	23	1:00
	May	1340.200	4	12:00	-5.700	24	20:00
Period		1513.700	12-Sep-17	13:00	-7.600	30-Oct-18	1:00
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 DALAWAY 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
2016	June	30.0	26	13:00	22.8	27	2:00
	July	29.4	18	13:00	21.6	18	5:00
	August	30.9	24	13:00	21.2	23	5:00
	September	32.5	15	14:00	21.8	21	4:00
	October	31.6	17	15:00	21.7	27	0:00
	November	30.0	7	13:00	20.3	29	6:00
	December	29.0	2	14:00	21.2	1	5:00
2017	January	28.7	20	13:00	18.5	14	5:00
	February	29.2	23	13:00	17.9	23	5:00
	March	29.2	29	12:00	20.2	18	6:00
	April	29.9	15	14:00	21.4	21	5:00
	May	34.0	16	16:00	23.1	8	4:00
	June	30.5	27	12:00	22.7	23	4:00
	July	31.7	26	13:00	23.3	20	19:00
	August	32.0	23	14:00	22.3	3	23:00
	September	32.5	17	14:00	20.7	4	5:00
	October	32.7	13	12:00	23.3	23	22:00
	November	31.9	25	13:00	22.8	22	6:00
	December	30.5	2	15:00	20.5	12	7:00

Year	Month		First Maximum			First Minimum	
		Value	Date	Time	Value	Date	Time
2018	January	29.8	16	15:00	22.2	1	6:00
	February	29.2	28	12:00	19.8	28	5:00
	March	30.2	1	13:00	21.3	4	4:00
	April	29.9	30	14:00	22.4	14	2:00
	May	29.8	1	12:00	22.6	18	6:00
	June	29.6	4	14:00	23.1	9	3:00
	July	31.0	25	14:00	22.9	1	17:00
	August	31.1	10	12:00	22.4	15	4:00
	September	31.4	2	16:00	24.8	2	3:00
	October	32.0	13	14:00	21.4	27	6:00
	November	31.1	12	14:00	22.5	28	5:00
	December	29.1	10	23:00	21.1	31	13:00
2019	January	30.7	11	13:00	22.2	1	15:00
	February	29.6	11	16:00	24.4	11	23:00
	March	30.4	11	13:00	23.6	11	5:00
	April	29.6	10	15:00	25.9	11	4:00
	May	31.6	10	15:00	25.0	10	5:00
	June	31.5	10	14:00	25.4	10	0:00
	July	27.8	10	12:00	25.5	10	1:00
	August	32.6	20	13:00	23.1	6	23:00
	September	34.6	13	13:00	22.3	14	6:00
	October	32.6	30	12:00	23.2	21	5:00
	November	31.8	18	14:00	21.6	18	6:00
	December	30.8	29	15:00	22.2	30	5:00
2020	January	30.7	28	15:00	19.5	26	22:00
	February	29.9	1	12:00	21.2	22	7:00
	March	29.6	18	11:00	20.3	16	6:00
	April	30.3	11	13:00	22.4	27	4:00
	May	30.5	28	12:00	22.8	10	5:00
Period		34.6	13-Sep-19	13:00	17.9	23-Feb-17	5:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			