



CENTRAL WATER & SEWERAGE AUTHORITY

WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA RICHMOND 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	22	15:00	55.4	13	11:00
	December	99.9	3	17:00	59.5	15	16:00
2016	January	100.0	17	18:00	55.4	24	14:00
	February	100.0	11	20:00	56.6	2	14:00
	March	100.0	31	4:00	39.0	9	14:00
	April	100.0	5	4:00	53.4	17	13:00
	May	100.0	2	3:00	47.7	8	12:00
	June	99.9	25	2:00	56.7	13	14:00
	July	99.9	31	7:00	60.4	22	15:00
	August	99.9	25	3:00	56.6	19	13:00
	September	99.9	1	18:00	59.6	30	11:00
	October	99.9	6	2:00	58.0	3	11:00
	November	99.9	7	1:00	60.6	4	10:00
	December	99.9	9	2:00	60.0	16	14:00
2017	January	99.9	16	1:00	50.2	25	15:00
	February	99.9	15	7:00	55.9	18	15:00
	March	99.9	14	23:00	55.7	17	13:00
	April	99.9	20	3:00	53.6	7	16:00
	May	99.9	6	7:00	55.9	8	15:00
	June	99.9	3	12:00	61.3	1	13:00
	July	99.9	20	21:00	58.6	4	14:00
	August	99.9	3	22:00	59.7	27	13:00
	September	99.9	7	19:00	57.5	1	15:00
	October	99.9	25	19:00	59.7	11	13:00
	November	99.9	3	23:00	50.6	22	15:00
	December	99.9	1	9:00	59.4	8	13:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	99.9	9	8:00	61.5	15	12:00
	February	100.0	16	6:00	52.2	28	14:00
	March	99.9	2	1:00	54.5	19	14:00
	April	99.9	7	3:00	59.0	18	14:00
	May	99.9	17	6:00	63.3	2	14:00
	June	99.9	9	5:00	63.3	9	13:00
	July	100.0	25	23:00	60.3	22	11:00
	August	100.0	30	3:00	61.8	9	12:00
	September	100.0	8	2:00	60.2	15	14:00
	October	100.0	4	7:00	60.5	3	15:00
	November	100.0	4	18:00	66.0	12	13:00
	December	99.9	3	5:00	69.9	2	14:00
Period		100.0	-	-	39.0	9-Mar-16	14:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			



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CLIMATE STATION DATA RICHMOND 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	1013.3	11	2:00	999.2	20	17:00
	December	1014.6	22	20:00	1001.9	15	15:00
2016	January	1020.0	6	11:00	1004.7	16	15:00
	February	1017.6	1	9:00	1001.7	21	16:00
	March	1011.0	23	10:00	1003.3	3	15:00
	April	1007.9	22	10:00	1000.4	26	16:00
	May	1010.4	17	10:00	1002.7	7	16:00
	June	1012.0	12	8:00	1003.8	5	16:00
	July	1010.0	2	23:00	1001.2	30	15:00
	August	1012.3	24	1:00	1000.0	29	10:00
	September	1008.8	6	10:00	998.8	28	15:00
	October	1006.4	10	9:00	998.0	25	15:00
	November	1007.9	4	23:00	997.1	1	15:00
	December	1008.6	10	9:00	1000.9	21	4:00
2017	January	1010.4	27	9:00	1002.3	10	16:00
	February	1011.2	10	9:00	1000.2	22	16:00
	March	1010.0	14	10:00	1001.3	27	16:00
	April	1009.8	1	9:00	1001.4	12	17:00
	May	1009.5	29	23:00	1001.2	11	16:00
	June	1009.3	10	10:00	1002.4	22	15:00
	July	1009.7	1	23:00	1002.1	27	15:00
	August	1011.2	3	23:00	998.7	18	16:00
	September	1008.4	2	23:00	998.0	18	15:00
	October	1009.2	17	11:00	998.0	9	16:00
	November	1007.6	5	9:00	998.6	18	14:00
	December	1009.2	15	10:00	1000.0	2	15:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	1010.1	5	10:00	1001.5	30	16:00
	February	1011.0	16	10:00	1002.5	28	15:00
	March	1009.8	14	9:00	999.6	4	15:00
	April	1010.0	15	23:00	1001.7	2	15:00
	May	1009.4	23	23:00	1003.0	26	16:00
	June	1010.4	13	23:00	1002.7	30	15:00
	July	1010.0	12	23:00	1002.9	22	16:00
	August	1009.8	17	21:00	1002.3	30	16:00
	September	1007.2	7	23:00	997.5	27	15:00
	October	1005.3	2	21:00	1000.2	2	16:00
	November	1028.0	22	2:00	998.6	6	15:00
	December	1008.8	2	10:00	1004.3	2	15:00
Period		1028.0	22-Nov-18	2:00	997.1	1-Nov-16	15:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			



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CLIMATE STATION DATA RICHMOND 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	1295.100	18	11:00	-2.700	23	21:00
	December	4575.600	22	12:00	-7.500	12	22:00
2016	January	2533.100	18	14:00	-3.500	16	19:00
	February	3559.800	12	13:00	-4.300	15	5:00
	March	6550.300	29	13:00	-4.300	19	6:00
	April	6538.500	29	15:00	-5.100	9	22:00
	May	6313.100	5	13:00	-3.500	10	19:00
	June	1287.200	9	12:00	-4.300	4	22:00
	July	1381.000	30	12:00	-5.900	5	22:00
	August	3046.900	29	15:00	-5.100	12	23:00
	September	1277.800	22	12:00	-4.300	19	20:00
	October	1215.500	9	12:00	-3.500	22	21:00
	November	1028.800	22	13:00	-4.300	15	5:00
	December	1155.600	25	12:00	-5.900	15	18:00
2017	January	1457.500	19	13:00	-3.500	12	19:00
	February	1329.800	28	11:00	-3.500	16	6:00
	March	1337.700	25	12:00	-5.100	7	5:00
	April	1375.500	20	13:00	-3.500	11	1:00
	May	1299.100	11	12:00	-5.100	7	0:00
	June	2033.500	17	19:00	-4.300	11	1:00
	July	1292.800	24	13:00	-3.500	27	20:00
	August	1281.700	22	12:00	-3.500	18	0:00
	September	1240.000	4	14:00	-4.300	14	21:00
	October	1173.000	31	12:00	-2.700	22	3:00
	November	1090.200	7	11:00	-7.500	20	22:00
	December	1108.400	28	11:00	-5.100	1	18:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	1190.300	21	12:00	-5.900	17	3:00
	February	1306.900	20	12:00	-5.900	25	3:00
	March	1317.200	11	13:00	-3.500	21	20:00
	April	1388.100	1	13:00	-4.300	11	0:00
	May	1302.200	8	11:00	-5.900	17	22:00
	June	1318.800	10	12:00	-4.300	4	20:00
	July	2291.900	25	19:00	-5.900	15	19:00
	August	1448.000	15	11:00	-4.300	3	3:00
	September	1552.000	6	12:00	-3.500	18	0:00
	October	1385.700	3	12:00	-1.200	2	0:00
	November	1299.800	12	11:00	-4.300	24	4:00
	December	1098.900	2	13:00	-1.200	1	18:00
Period		6550.300	29-Mar-16	13:00	-7.500	12-Dec-15	22:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			



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WATER RESOURCE MANAGEMENT UNIT

CLIMATE STATION DATA RICHMOND 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	37.7	11	8:00	22.9	21	5:00
	December	33.2	22	12:00	22.7	11	0:00
2016	January	31.0	5	15:00	21.9	12	7:00
	February	31.8	18	16:00	21.2	5	6:00
	March	35.9	31	12:00	21.6	12	7:00
	April	38.3	28	15:00	23.6	10	23:00
	May	35.6	5	13:00	22.6	2	6:00
	June	31.6	26	14:00	23.5	27	3:00
	July	31.4	1	12:00	23.8	8	5:00
	August	33.9	24	14:00	23.4	23	6:00
	September	32.9	22	11:00	22.9	17	22:00
	October	33.3	19	12:00	23.3	25	5:00
	November	32.3	4	11:00	21.2	29	6:00
	December	30.8	1	11:00	22.2	9	2:00
2017	January	30.3	23	13:00	21.2	14	2:00
	February	31.0	24	13:00	19.9	23	5:00
	March	30.8	28	12:00	21.5	18	7:00
	April	32.0	13	13:00	22.3	21	5:00
	May	32.2	13	12:00	23.3	6	3:00
	June	30.9	5	16:00	22.8	23	6:00
	July	32.5	23	13:00	23.4	21	2:00
	August	33.1	16	14:00	22.3	3	23:00
	September	33.4	6	16:00	22.7	4	6:00
	October	32.7	11	14:00	22.9	26	6:00
	November	32.4	18	14:00	22.7	2	2:00
	December	30.9	3	12:00	20.9	12	6:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2018	January	30.6	16	13:00	20.8	9	6:00
	February	30.4	28	14:00	20.5	28	4:00
	March	31.4	22	12:00	20.9	3	4:00
	April	30.9	29	11:00	21.9	7	3:00
	May	31.7	27	11:00	21.7	17	6:00
	June	31.7	5	12:00	22.6	9	6:00
	July	30.9	25	11:00	23.3	8	22:00
	August	32.0	30	13:00	22.7	24	7:00
	September	32.9	11	13:00	22.5	14	3:00
	October	32.7	3	13:00	22.9	2	6:00
	November	31.8	8	13:00	21.1	24	6:00
	December	28.5	1	13:00	22.5	2	6:00
Period		38.3	28-Apr-16	15:00	19.9	23-Feb-17	5:00
Relative Humidity (%)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			