



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(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
2009	January	-			-		
	February	-			-		
	March	-			-		
	April	-			-		
	May	-			-		
	June	-			-		
	July	1397.7	19	13:30	-2.4	26	4:30
	August	1389	12	12:30	-2.6	14	20:30
	September	1283.9	12	11:30	-2.5	5	2:30
	October	1141.1	29	13:00	-2.5	25	20:00
	November	1108.1	3	12:00	-2.5	12	20:00
	December	1091.6	18	12:00	-2.8	1	4:00
2010	January	1121.3	27	13:00	-2.5	15	21:00
	February	1123.6	26	11:00	-2.6	24	21:00
	March	1301.6	9	13:00	-2.7	11	4:00
	April	1383.2	10	12:00	-2.4	14	21:00
	May	1313.6	13	11:51	-2.6	4	0:00
	June	1204.1	6	11:51	-3	7	3:51
	July	802	31	13:15	-2.2	1	5:15
	August	1203.9	3	13:15	-1.8	3	19:15
	September	1228.4	26	12:30	-2.7	8	5:30
	October	1242.4	15	11:30	-2.6	25	0:45
	November	1201.3	2	11:00	-2.8	6	21:00
	December	1093	15	10:45	-2.3	16	20:45
2011	January	1058.1	31	14:30	-3.1	30	19:30
	February	1267.4	22	11:00	-2.6	13	20:00
	March	1338.4	23	14:00	-2.4	28	3:00
	April	1387.1	9	11:00	-3	5	5:00
	May	1375.2	18	12:00	-2.7	27	23:00
	June	1252.3	17	12:00	-2.3	1	21:00
	July	1330.3	23	13:00	-2.9	16	21:00
	August	1322.4	31	12:00	-2.5	28	3:00
	September	1362.9	24	13:00	-2.5	8	4:00
	October	1207.5	3	12:30	-2.3	19	23:00
	November	1124	13	12:00	-2.2	13	19:00
	December	1091.3	3	12:00	-3.7	8	5:00

YEAR	MONTH		FIRST MAXIMUM			FIRST MINIMUM	
		VALUE	DATE	TIME	VALUE	DATE	TIME
2012	January	1154.4	26	13:30	-2.6	15	23:00
	February	1330.4	7	13:00	-2.9	5	2:00
	March	1385	14	13:30	-2.5	5	22:30
	April	1394.4	30	13:00	-2.7	9	20:00
	May	1421.4	31	13:00	-2.6	11	5:00
	June	1379	14	12:15	-2.5	8	23:00
	July	1340.4	15	12:00	-2.5	14	3:00
	August	1438.4	11	12:00	-3.1	23	3:00
	September	1332.1	19	13:00	-2.5	8	22:00
	October	1261	7	12:00	-2.9	13	2:00
	November	1142.8	28	12:00	-3.2	25	3:00
	December	1021.3	8	10:00	-3.1	19	3:00
2013	January	1159.6	28	12:00	-2.6	13	5:00
	February	1230.4	15	12:00	-3.2	11	0:00
	March	1347.3	25	13:00	-2.4	9	4:00
	April	1375	14	12:00	-2.7	14	23:00
	May	1366.3	7	12:00	-2.4	7	20:00
	June	1465.3	3	12:00	-2.6	25	5:00
	July	1332	17	13:00	-2.3	3	4:00
	August	1307	17	13:00	-2.7	4	3:00
	September	1304.2	25	12:00	-2.9	29	5:00
	October	1202.7	10	12:00	-2.9	8	22:00
	November	1238	5	13:00	-2.9	30	2:00
	December	1164.2	12	12:00	-2.5	10	22:00
2014	January	1124.2	29	13:00	-2.7	14	3:00
	February	1227.6	21	12:00	-2.8	24	22:00
	March	1404.9	27	12:00	-2.6	24	0:00
	April	1345.4	2	13:00	-2.8	10	4:00
	May	1340.8	4	12:00	-2.4	28	19:00
	June	1306.9	14	12:00	-2.9	7	1:00
	July	1272	14	12:00	-2.6	3	4:00
	August	1373.2	29	12:00	-3.5	27	19:00
	September	1352	14	12:00	-2.5	27	4:00
	October	1298.8	16	12:00	-2.7	7	1:00
	November	1227.4	7	12:00	-2.9	8	5:00
	December	1106.7	15	13:00	-2.6	23	3:00
2015	January	1067.8	30	13:00	-2.8	8	1:00
	February	1229.1	25	14:00	-3.4	17	22:00
	March	1362.6	16	12:00	-2.9	1	19:00
	April	1298.7	11	14:00	-2.8	25	3:00
	May	1226.9	8	13:00	-2.4	12	1:00
	June	1350.4	21	13:00	-2.4	11	1:00
	July	1333	19	12:00	-2.4	14	0:00
	August	1377.3	31	12:00	-2.8	9	19:00
	September	1301.3	28	13:00	-2.5	15	5:00
	October	453.9	1	9:00	453.9	1	9:00
	November	-			-		
	December	-			-		
Period		1465.3	3-Jun-13	12:00	-3.7	8-Dec-11	5:00
Solar Radiation (wm^2)				Water Day: Start 09:00 hrs			
Possible Data Flags				No Data Stored: -			