

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
 Thanks to: R.L. Snyder, Atmospheric Science, Davis, CA, 95616, U.S.A.
 Year: 2014
 Station Name: **Westburn Pk , Aberdeen**
 Station Number: 1
 Latitude: 57.153596
 Elevation (m): 33

Month	Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Daily Average	Long Term Average	% of Long Term Average
January	40.23	18.58	18.58	0.60	1.70	35.2%
February	112.97	76.08	94.66	2.72	2.70	100.6%
March	237.61	133.91	228.57	4.32	3.40	127.0%
April	266.55	97.57	326.14	3.25	5.00	65.0%
May	406.84	119.73	434.71	3.50	5.60	62.5%
June	375.40	88.29	534.16	2.94	6.00	49.0%
July	434.84	142.11	676.26	4.58	5.20	88.2%
August	332.69	103.31	779.57	3.33	4.70	70.9%
September	187.06	69.57	849.14	2.24	3.90	57.5%
October	99.09	38.30	887.44	1.24	3.10	39.8%
November	27.76	14.02	901.46	0.47	2.10	22.3%
December	0.00	0.00	901.46	0.00	1.50	0.0%
Totals	2521.04	901.46			1367.00	65.9%

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
 Thanks to: R.L. Snyder, Atmospheric Science, Davis, CA, 95616, U.S.A.
 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
1	1	1 Jan 14	1	1.0	0.3	0.3	0.3	0.33
1	2	2 Jan 14	2	1.3	1.2	1.53	1.53	0.77
1	3	3 Jan 14	3	1.0	0.1	1.64	1.64	0.55
1	4	4 Jan 14	4	1.1	0.5	2.18	2.18	0.55
1	5	5 Jan 14	5	1.2	0.7	2.88	2.88	0.58
1	6	6 Jan 14	6	1.2	0.5	3.37	3.37	0.56
1	7	7 Jan 14	7	1.8	2.5	5.85	5.85	0.84
1	8	8 Jan 14	8	1.4	1.3	7.14	7.14	0.89
1	9	9 Jan 14	9	1.2	0.4	7.55	7.55	0.84
1	10	10 Jan 14	10	1.4	0.9	8.49	8.49	0.85
1	11	11 Jan 14	11	1.3	0.7	9.15	9.15	0.83
1	12	12 Jan 14	12	1.3	0.4	9.57	9.57	0.80
1	13	13 Jan 14	13	1.5	1.1	10.72	10.72	0.82
1	14	14 Jan 14	14	1.4	0.7	11.44	11.44	0.82
1	15	15 Jan 14	15	0.8	0.0	11.44	11.44	0.76
1	16	16 Jan 14	16	1.6	1.2	12.62	12.62	0.79
1	17	17 Jan 14	17	1.5	0.7	13.29	13.29	0.78
1	18	18 Jan 14	18	1.2	0.0	13.29	13.29	0.74
1	19	19 Jan 14	19	0.7	1.8	15.09	15.09	0.79
1	20	20 Jan 14	20	1.9	1.7	16.78	16.78	0.84
1	21	21 Jan 14	21	1.5	0.4	17.18	17.18	0.82
1	22	22 Jan 14	22	1.1	0.0	17.18	17.18	0.78
1	23	23 Jan 14	23	1.9	1.2	18.36	18.36	0.80
1	24	24 Jan 14	24	1.5	0.2	18.58	18.58	0.77
1	25	25 Jan 14	25	1.5	0.0	18.58	18.58	0.74
1	26	26 Jan 14	26	1.1	0.0	18.58	18.58	0.71
1	27	27 Jan 14	27	1.4	0.0	18.58	18.58	0.69
1	28	28 Jan 14	28	1.3	0.0	18.58	18.58	0.66
1	29	29 Jan 14	29	1.0	0.0	18.58	18.58	0.64
1	30	30 Jan 14	30	1.0	0.0	18.58	18.58	0.62
1	31	31 Jan 14	31	1.2	0.0	18.58	18.58	0.60
Total				40.2	18.6			

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
 Thanks to: R.L. Snyder, Atmospheric Science, Davis, CA, 95616, U.S.A.
 Year: 2012
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
2	1	1 Feb 14	32	1.8	0.1	18.72	0.1	0.15
2	2	2 Feb 14	33	3.5	3.8	22.48	3.90	1.95
2	3	3 Feb 14	34	1.9	0.0	22.48	3.90	1.30
2	4	4 Feb 14	35	2.6	1.4	23.85	5.28	1.32
2	5	5 Feb 14	36	1.3	0.0	23.85	5.28	1.06
2	6	6 Feb 14	37	2.6	1.3	25.17	6.59	1.10
2	7	7 Feb 14	38	5.3	6.6	31.77	13.19	1.88
2	8	8 Feb 14	39	2.9	1.6	33.32	14.74	1.84
2	9	9 Feb 14	40	3.0	1.7	35.00	16.43	1.83
2	10	10 Feb 14	41	5.2	5.9	40.87	22.29	2.23
2	11	11 Feb 14	42	2.3	0.0	40.87	22.29	2.03
2	12	12 Feb 14	43	2.5	0.2	41.07	22.50	1.87
2	13	13 Feb 14	44	1.9	0.0	41.07	22.50	1.73
2	14	14 Feb 14	45	3.7	2.2	43.29	24.72	1.77
2	15	15 Feb 14	46	3.7	2.2	45.51	26.93	1.80
2	16	16 Feb 14	47	7.3	8.4	53.93	35.36	2.21
2	17	17 Feb 14	48	3.8	2.0	55.97	37.39	2.20
2	18	18 Feb 14	49	2.6	0.0	55.97	37.39	2.08
2	19	19 Feb 14	50	4.6	3.1	59.04	40.47	2.13
2	20	20 Feb 14	51	6.4	6.1	65.10	46.52	2.33
2	21	21 Feb 14	52	3.0	0.2	65.28	46.70	2.22
2	22	22 Feb 14	53	7.0	6.6	71.89	53.31	2.42
2	23	23 Feb 14	54	3.4	0.6	72.53	53.95	2.35
2	24	24 Feb 14	55	4.1	1.5	74.04	55.46	2.31
2	25	25 Feb 14	56	4.7	2.5	76.51	57.93	2.32
2	26	26 Feb 14	57	5.0	2.7	79.23	60.66	2.33
2	27	27 Feb 14	58	7.1	5.7	84.94	66.37	2.46
2	28	28 Feb 14	59	9.8	9.7	94.66	76.08	2.72

Total 113.0 76.1

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
 Thanks to: R.L. Snyder, Atmospheric Science, Davis, CA, 95616, U.S.A.
 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
3	1	1 Mar 14	60	8.1	6.9	101.51	6.85	6.85
3	2	2 Mar 14	61	8.3	7.0	108.51	13.85	6.93
3	3	3 Mar 14	62	4.8	1.8	110.29	15.63	5.21
3	4	4 Mar 14	63	5.5	2.5	112.81	18.15	4.54
3	5	5 Mar 14	64	3.5	0.0	112.81	18.15	3.63
3	6	6 Mar 14	65	3.7	0.0	112.81	18.15	3.02
3	7	7 Mar 14	66	11.0	9.7	122.53	27.88	3.98
3	8	8 Mar 14	67	4.4	0.6	123.14	28.48	3.56
3	9	9 Mar 14	68	6.7	3.6	126.69	32.03	3.56
3	10	10 Mar 14	69	9.6	7.3	133.97	39.31	3.93
3	11	11 Mar 14	70	11.2	9.1	143.07	48.41	4.40
3	12	12 Mar 14	71	12.1	10.1	153.17	58.51	4.88
3	13	13 Mar 14	72	2.8	0.0	153.17	58.51	4.50
3	14	14 Mar 14	73	3.7	0.0	153.17	58.51	4.18
3	15	15 Mar 14	74	3.2	0.0	153.17	58.51	3.90
3	16	16 Mar 14	75	13.5	11.0	164.12	69.46	4.34
3	17	17 Mar 14	76	6.0	1.5	165.66	71.00	4.18
3	18	18 Mar 14	77	6.0	1.4	167.10	72.44	4.02
3	19	19 Mar 14	78	12.0	8.5	175.64	80.98	4.26
3	20	20 Mar 14	79	5.5	0.7	176.32	81.66	4.08
3	21	21 Mar 14	80	12.1	8.3	184.63	89.98	4.28
3	22	22 Mar 14	81	12.3	8.3	192.98	98.32	4.47
3	23	23 Mar 14	82	12.2	8.1	201.05	106.40	4.63
3	24	24 Mar 14	83	14.4	10.4	211.47	116.81	4.87
3	25	25 Mar 14	84	2.1	0.0	211.47	116.81	4.67
3	26	26 Mar 14	85	14.2	9.8	221.30	126.64	4.87
3	27	27 Mar 14	86	5.9	0.3	221.62	126.96	4.70
3	28	28 Mar 14	87	7.7	2.3	223.90	129.24	4.62
3	29	29 Mar 14	88	2.4	0.0	223.90	129.24	4.46
3	30	30 Mar 14	89	2.4	0.0	223.90	129.24	4.31
3	31	31 Mar 14	90	10.2	4.7	228.57	133.91	4.32

Total 237.6 133.9

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 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Running Total	BSH Monthly Totals	BSH Monthly Average
4	1	1 Apr 14	91	3.7908	0	228.57	0.00	0.00
4	2	2 Apr 14	92	2.3	0.0	228.57	0.00	0.00
4	3	3 Apr 14	93	2.3	0.0	228.57	0.00	0.00
4	4	4 Apr 14	94	2.4	0.0	228.57	0.00	0.00
4	5	5 Apr 14	95	6.5	0.1	228.69	0.12	0.02
4	6	6 Apr 14	96	4.4	0.0	228.69	0.12	0.02
4	7	7 Apr 14	97	4.8	0.0	228.69	0.12	0.02
4	8	8 Apr 14	98	13.5	7.0	235.68	7.11	0.89
4	9	9 Apr 14	99	6.9	0.2	235.85	7.29	0.81
4	10	10 Apr 14	100	6.9	0.1	235.98	7.41	0.74
4	11	11 Apr 14	101	14.0	7.1	243.11	14.54	1.32
4	12	12 Apr 14	102	12.8	5.8	248.89	20.32	1.69
4	13	13 Apr 14	103	4.2	0.0	248.89	20.32	1.56
4	14	14 Apr 14	104	12.9	5.7	254.57	26.01	1.86
4	15	15 Apr 14	105	15.7	8.3	262.88	34.31	2.29
4	16	16 Apr 14	106	5.1	0.0	262.88	34.31	2.14
4	17	17 Apr 14	107	17.1	9.4	272.26	43.69	2.57
4	18	18 Apr 14	108	19.9	12.0	284.21	55.65	3.09
4	19	19 Apr 14	109	13.5	5.7	289.95	61.38	3.23
4	20	20 Apr 14	110	20.6	12.4	302.34	73.77	3.69
4	21	21 Apr 14	111	19.1	10.8	313.18	84.61	4.03
4	22	22 Apr 14	112	4.6	0.0	313.18	84.61	3.85
4	23	23 Apr 14	113	4.9	0.0	313.18	84.61	3.68
4	24	24 Apr 14	114	10.2	2.2	315.36	86.79	3.62
4	25	25 Apr 14	115	2.1	0.0	315.36	86.79	3.47
4	26	26 Apr 14	116	4.4	0.0	315.36	86.79	3.34
4	27	27 Apr 14	117	4.5	0.0	315.36	86.79	3.21
4	28	28 Apr 14	118	20.0	10.8	326.14	97.57	3.48
4	29	29 Apr 14	119	4.4	0.0	326.14	97.57	3.36
4	30	30 Apr 14	120	2.7	0.0	326.14	97.57	3.25

Total 266.5 97.6

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 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
5	1	1 May 14	121	10.0	1.4	327.56	1.43	1.43
5	2	2 May 14	122	16.1	6.9	334.46	8.32	4.16
5	3	3 May 14	123	15.5	6.3	340.73	14.60	4.87
5	4	4 May 14	124	10.7	1.9	342.59	16.45	4.11
5	5	5 May 14	125	9.7	0.9	343.49	17.35	3.47
5	6	6 May 14	126	9.3	0.5	343.97	17.84	2.97
5	7	7 May 14	127	7.1	0.0	343.97	17.84	2.55
5	8	8 May 14	128	8.6	0.0	343.97	17.84	2.23
5	9	9 May 14	129	7.8	0.0	343.97	17.84	1.98
5	10	10 May 14	130	7.6	0.0	343.97	17.84	1.78
5	11	11 May 14	131	4.9	0.0	343.97	17.84	1.62
5	12	12 May 14	132	19.8	9.4	353.37	27.23	2.27
5	13	13 May 14	133	11.7	2.2	355.57	29.43	2.26
5	14	14 May 14	134	23.4	12.4	367.95	41.82	2.99
5	15	15 May 14	135	15.8	5.7	373.63	47.49	3.17
5	16	16 May 14	136	11.1	1.5	375.13	48.99	3.06
5	17	17 May 14	137	6.9	0.0	375.13	48.99	2.88
5	18	18 May 14	138	13.0	3.1	378.19	52.05	2.89
5	19	19 May 14	139	15.1	4.8	383.02	56.88	2.99
5	20	20 May 14	140	6.8	0.0	383.02	56.88	2.84
5	21	21 May 14	141	13.3	3.2	386.19	60.06	2.86
5	22	22 May 14	142	3.6	0.0	386.19	60.06	2.73
5	23	23 May 14	143	10.8	0.9	387.10	60.96	2.65
5	24	24 May 14	144	7.9	0.0	387.10	60.96	2.54
5	25	25 May 14	145	3.6	0.0	387.10	60.96	2.44
5	26	26 May 14	146	22.4	10.8	397.91	71.78	2.76
5	27	27 May 14	147	12.9	2.6	400.51	74.37	2.75
5	28	28 May 14	148	8.4	0.0	400.51	74.37	2.66
5	29	29 May 14	149	23.3	11.4	411.93	85.80	2.96
5	30	30 May 14	150	25.0	12.8	424.78	98.64	3.29
5	31	31 May 14	151	21.6	9.9	434.71	108.57	3.50
6	1	1 Jun 14	152	23.1	11.2	445.87	119.73	3.74

Total 406.8 119.7

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 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
6	1	1 Jun 14	152	23.1	11.16	457.03	11.16	11.16
6	2	2 Jun 14	153	13.5	2.9	459.96	14.09	7.04
6	3	3 Jun 14	154	17.8	6.5	466.50	20.63	6.88
6	4	4 Jun 14	155	7.2	0.0	466.50	20.63	5.16
6	5	5 Jun 14	156	2.9	0.0	466.50	20.63	4.13
6	6	6 Jun 14	157	24.4	12.1	478.61	32.74	5.46
6	7	7 Jun 14	158	14.7	3.9	482.47	36.60	5.23
6	8	8 Jun 14	159	23.4	11.2	493.71	47.84	5.98
6	9	9 Jun 14	160	24.9	12.5	506.22	60.35	6.71
6	10	10 Jun 14	161	13.8	3.0	509.23	63.36	6.34
6	11	11 Jun 14	162	6.2	0.0	509.23	63.36	5.76
6	12	12 Jun 14	163	12.1	1.6	510.80	64.93	5.41
6	13	13 Jun 14	164	6.9	0.0	510.80	64.93	4.99
6	14	14 Jun 14	165	9.3	0.0	510.80	64.93	4.64
6	15	15 Jun 14	166	5.0	0.0	510.80	64.93	4.33
6	16	16 Jun 14	167	22.4	10.3	521.06	75.19	4.70
6	17	17 Jun 14	168	9.0	0.0	521.06	75.19	4.42
6	18	18 Jun 14	169	22.8	10.6	531.62	85.75	4.76
6	19	19 Jun 14	170	11.4	0.9	532.52	86.65	4.56
6	20	20 Jun 14	171	10.0	0.0	532.52	86.65	4.33
6	21	21 Jun 14	172	10.8	0.4	532.93	87.06	4.15
6	22	22 Jun 14	173	7.3	0.0	532.93	87.06	3.96
6	23	23 Jun 14	174	7.4	0.0	532.93	87.06	3.79
6	24	24 Jun 14	175	9.5	0.0	532.93	87.06	3.63
6	25	25 Jun 14	176	10.2	0.0	532.93	87.06	3.48
6	26	26 Jun 14	177	11.8	1.2	534.16	88.29	3.40
6	27	27 Jun 14	178	7.6	0.0	534.16	88.29	3.27
6	28	28 Jun 14	179	9.9	0.0	534.16	88.29	3.15
6	29	29 Jun 14	180	9.7	0.0	534.16	88.29	3.04
6	30	30 Jun 14	181	10.0	0.0	534.16	88.29	2.94

Total 375.4 88.3

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 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
7	1	1 Jul 14	182	19.9	8.2	542.34	8.19	8.19
7	2	2 Jul 14	183	8.0	0.0	542.34	8.19	4.09
7	3	3 Jul 14	184	21.1	9.3	551.59	17.44	5.81
7	4	4 Jul 14	185	6.1	0.0	551.59	17.44	4.36
7	5	5 Jul 14	186	6.9	0.0	551.59	17.44	3.49
7	6	6 Jul 14	187	18.6	7.2	558.82	24.66	4.11
7	7	7 Jul 14	188	19.2	7.8	566.57	32.42	4.63
7	8	8 Jul 14	189	16.8	5.7	572.32	38.16	4.77
7	9	9 Jul 14	190	20.9	9.2	581.57	47.41	5.27
7	10	10 Jul 14	191	16.9	5.9	587.45	53.29	5.33
7	11	11 Jul 14	192	24.2	12.2	599.65	65.49	5.95
7	12	12 Jul 14	193	14.3	3.8	603.41	69.25	5.77
7	13	13 Jul 14	194	5.5	0.0	603.41	69.25	5.33
7	14	14 Jul 14	195	9.7	0.0	603.41	69.25	4.95
7	15	15 Jul 14	196	11.5	1.4	604.85	70.69	4.71
7	16	16 Jul 14	197	6.4	0.0	604.85	70.69	4.42
7	17	17 Jul 14	198	11.9	1.8	606.67	72.52	4.27
7	18	18 Jul 14	199	12.9	2.7	609.37	75.21	4.18
7	19	19 Jul 14	200	3.5	0.0	609.37	75.21	3.96
7	20	20 Jul 14	201	5.5	0.0	609.37	75.21	3.76
7	21	21 Jul 14	202	14.7	4.4	613.77	79.61	3.79
7	22	22 Jul 14	203	22.4	11.2	624.94	90.79	4.13
7	23	23 Jul 14	204	15.2	5.0	629.95	95.79	4.16
7	24	24 Jul 14	205	22.9	11.8	641.70	107.54	4.48
7	25	25 Jul 14	206	22.4	11.4	653.09	118.93	4.76
7	26	26 Jul 14	207	18.4	8.0	661.06	126.90	4.88
7	27	27 Jul 14	208	15.8	5.7	666.74	132.59	4.91
7	28	28 Jul 14	209	20.1	9.5	676.26	142.11	5.08
7	29	29 Jul 14	210	7.7	0.0	676.26	142.11	4.90
7	30	30 Jul 14	211	8.8	0.0	676.26	142.11	4.74
7	31	31 Jul 14	212	6.7	0.0	676.26	142.11	4.58

Total 434.8 142.1

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
 Thanks to: R.L. Snyder, Atmospheric Science, Davis, CA, 95616, U.S.A.
 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
8	1	1 Aug 14	213	10.0	0.9	677.12	0.85	0.85
8	2	2 Aug 14	214	5.5	0.0	677.12	0.9	0.43
8	3	3 Aug 14	215	16.8	7.1	684.20	7.94	2.65
8	4	4 Aug 14	216	12.5	3.3	687.46	11.19	2.80
8	5	5 Aug 14	217	19.3	9.5	696.91	20.65	4.13
8	6	6 Aug 14	218	3.4	0.0	696.91	20.65	3.44
8	7	7 Aug 14	219	18.8	9.2	706.12	29.86	4.27
8	8	8 Aug 14	220	17.3	7.9	714.02	37.76	4.72
8	9	9 Aug 14	221	6.4	0.0	714.02	37.76	4.20
8	10	10 Aug 14	222	7.2	0.0	714.02	37.76	3.78
8	11	11 Aug 14	223	13.5	4.7	718.77	42.50	3.86
8	12	12 Aug 14	224	6.6	0.0	718.77	42.50	3.54
8	13	13 Aug 14	225	5.8	0.0	718.77	42.50	3.27
8	14	14 Aug 14	226	6.7	0.0	718.77	42.50	3.04
8	15	15 Aug 14	227	8.5	0.4	719.17	42.90	2.86
8	16	16 Aug 14	228	12.0	3.8	722.97	46.71	2.92
8	17	17 Aug 14	229	9.5	1.5	724.49	48.23	2.84
8	18	18 Aug 14	230	12.1	4.0	728.54	52.27	2.90
8	19	19 Aug 14	231	14.2	6.1	734.61	58.34	3.07
8	20	20 Aug 14	232	7.8	0.2	734.77	58.51	2.93
8	21	21 Aug 14	233	6.2	0.0	734.77	58.51	2.79
8	22	22 Aug 14	234	11.6	3.9	738.72	62.46	2.84
8	23	23 Aug 14	235	14.1	6.5	745.17	68.91	3.00
8	24	24 Aug 14	236	9.0	1.6	746.81	70.54	2.94
8	25	25 Aug 14	237	17.5	9.9	756.75	80.49	3.22
8	26	26 Aug 14	238	18.8	11.4	768.16	91.89	3.53
8	27	27 Aug 14	239	17.4	10.1	778.26	102.00	3.78
8	28	28 Aug 14	240	2.5	0.0	778.26	102.00	3.64
8	29	29 Aug 14	241	7.0	0.1	778.35	102.08	3.52
8	30	30 Aug 14	242	6.6	0.0	778.35	102.08	3.40
8	31	31 Aug 14	243	8.0	1.2	779.57	103.31	3.33

Total 332.7 102.5

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
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 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
9	1	1 Sep 14	244	8.3	1.6	781.21	1.64	1.64
9	2	2 Sep 14	245	16.1	9.7	790.88	11.3	5.66
9	3	3 Sep 14	246	6.8	0.3	791.20	11.63	3.88
9	4	4 Sep 14	247	2.5	0.0	791.20	11.63	2.91
9	5	5 Sep 14	248	1.8	0.0	791.20	11.63	2.33
9	6	6 Sep 14	249	4.2	0.0	791.20	11.63	1.94
9	7	7 Sep 14	250	3.9	0.0	791.20	11.63	1.66
9	8	8 Sep 14	251	5.9	0.0	791.20	11.63	1.45
9	9	9 Sep 14	252	5.5	0.0	791.20	11.63	1.29
9	10	10 Sep 14	253	14.9	9.7	800.86	21.29	2.13
9	11	11 Sep 14	254	9.7	4.2	805.06	25.49	2.32
9	12	12 Sep 14	255	11.9	6.8	811.84	32.27	2.69
9	13	13 Sep 14	256	3.1	0.0	811.84	32.27	2.48
9	14	14 Sep 14	257	5.6	0.1	811.89	32.32	2.31
9	15	15 Sep 14	258	0.6	0.0	811.89	32.32	2.15
9	16	16 Sep 14	259	4.3	0.0	811.89	32.32	2.02
9	17	17 Sep 14	260	1.4	0.0	811.89	32.32	1.90
9	18	18 Sep 14	261	1.9	0.0	811.89	32.32	1.80
9	19	19 Sep 14	262	2.6	0.0	811.89	32.32	1.70
9	20	20 Sep 14	263	8.6	4.2	816.09	36.52	1.83
9	21	21 Sep 14	264	4.2	0.0	816.09	36.52	1.74
9	22	22 Sep 14	265	8.4	4.1	820.24	40.67	1.85
9	23	23 Sep 14	266	6.8	2.4	822.65	43.08	1.87
9	24	24 Sep 14	267	8.2	4.2	826.86	47.29	1.97
9	25	25 Sep 14	268	4.4	0.0	826.86	47.29	1.89
9	26	26 Sep 14	269	8.9	5.4	832.30	52.73	2.03
9	27	27 Sep 14	270	8.1	4.5	836.85	57.28	2.12
9	28	28 Sep 14	271	4.9	0.6	837.43	57.86	2.07
9	29	29 Sep 14	272	8.0	4.7	842.14	62.57	2.16
9	30	30 Sep 14	273	8.8	6.0	848.12	68.55	2.29
10	1	1 Oct 14	274	5.0	1.0	849.14	69.57	2.24

Total 187.1 67.9

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
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 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
10	1	1 Oct 14	274	5.0	1.0	850.16	1.02	1.02
10	2	2 Oct 14	275	6.2	2.8	852.93	3.79	1.89
10	3	3 Oct 14	276	1.7	0.0	852.93	3.79	1.26
10	4	4 Oct 14	277	2.2	0.0	852.93	3.79	0.95
10	5	5 Oct 14	278	4.4	0.7	853.65	4.51	0.90
10	6	6 Oct 14	279	0.7	0.0	853.65	4.51	0.75
10	7	7 Oct 14	280	1.7	0.0	853.65	4.51	0.64
10	8	8 Oct 14	281	10.2	9.5	863.18	14.04	1.76
10	9	9 Oct 14	282	2.4	0.0	863.18	14.04	1.56
10	10	10 Oct 14	283	5.5	3.0	866.15	17.01	1.70
10	11	11 Oct 14	284	5.3	2.8	868.99	19.85	1.80
10	12	12 Oct 14	285	4.4	1.6	870.57	21.43	1.79
10	13	13 Oct 14	286	3.6	0.5	871.09	21.95	1.69
10	14	14 Oct 14	287	3.0	0.0	871.09	21.95	1.57
10	15	15 Oct 14	288	5.1	3.1	874.15	25.01	1.67
10	16	16 Oct 14	289	1.6	0.0	874.15	25.01	1.56
10	17	17 Oct 14	290	1.0	0.0	874.15	25.01	1.47
10	18	18 Oct 14	291	5.1	3.6	877.78	28.64	1.59
10	19	19 Oct 14	292	3.9	1.7	879.46	30.31	1.60
10	20	20 Oct 14	293	3.5	1.3	880.71	31.56	1.58
10	21	21 Oct 14	294	3.4	1.2	881.89	32.74	1.56
10	22	22 Oct 14	295	1.3	0.0	881.89	32.74	1.49
10	23	23 Oct 14	296	1.7	0.0	881.89	32.74	1.42
10	24	24 Oct 14	297	2.9	0.7	882.54	33.40	1.39
10	25	25 Oct 14	298	2.8	0.6	883.10	33.96	1.36
10	26	26 Oct 14	299	1.9	0.0	883.10	33.96	1.31
10	27	27 Oct 14	300	1.0	0.0	883.10	33.96	1.26
10	28	28 Oct 14	301	1.2	0.0	883.10	33.96	1.21
10	29	29 Oct 14	302	4.5	4.3	887.44	38.30	1.32
10	30	30 Oct 14	303	0.8	0.0	887.44	38.30	1.28
10	31	31 Oct 14	304	1.0	0.0	887.44	38.30	1.24

Total 99.1 38.3

Wton - converts Rs (W m-2d-1) to number of sunshine hours n
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 Year: 2014
 Station Name: **Morven , Inverurie**
 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
11	1	1 Nov 14	305	2.7	1.3	888.70	1.26	1.26
11	2	2 Nov 14	306	3.0	1.9	890.60	3.16	1.58
11	3	3 Nov 14	307	2.0	0.0	890.60	3.16	1.05
11	4	4 Nov 14	308	1.5	0.0	890.60	3.16	0.79
11	5	5 Nov 14	309	2.3	0.9	891.51	4.07	0.81
11	6	6 Nov 14	310	0.7	0.0	891.51	4.07	0.68
11	7	7 Nov 14	311	0.7	0.0	891.51	4.07	0.58
11	8	8 Nov 14	312	2.6	1.9	893.46	6.02	0.75
11	9	9 Nov 14	313	4.3	6.0	899.46	12.03	1.34
11	10	10 Nov 14	314	2.5	2.0	901.46	14.02	1.40
11	11	11 Nov 14	315	1.2	0.0	901.46	14.02	1.27
11	12	12 Nov 14	316	0.5	0.0	901.46	14.02	1.17
11	13	13 Nov 14	317	1.1	0.0	901.46	14.02	1.08
11	14	14 Nov 14	318	0.6	0.0	901.46	14.02	1.00
11	15	15 Nov 14	319	1.3	0.0	901.46	14.02	0.93
11	16	16 Nov 14	320	0.9	0.0	901.46	14.02	0.88
11	17	17 Nov 14	321	0.0	0.0	901.46	14.02	0.82
11	18	18 Nov 14	322	0.0	0.0	901.46	14.02	0.78
11	19	19 Nov 14	323	0.0	0.0	901.46	14.02	0.74
11	20	20 Nov 14	324	0.0	0.0	901.46	14.02	0.70
11	21	21 Nov 14	325	0.0	0.0	901.46	14.02	0.67
11	22	22 Nov 14	326	0.0	0.0	901.46	14.02	0.64
11	23	23 Nov 14	327	0.0	0.0	901.46	14.02	0.61
11	24	24 Nov 14	328	0.0	0.0	901.46	14.02	0.58
11	25	25 Nov 14	329	0.0	0.0	901.46	14.02	0.56
11	26	26 Nov 14	330	0.0	0.0	901.46	14.02	0.54
11	27	27 Nov 14	331	0.0	0.0	901.46	14.02	0.52
11	28	28 Nov 14	332	0.0	0.0	901.46	14.02	0.50
11	29	29 Nov 14	333	0.0	0.0	901.46	14.02	0.48
11	30	30 Nov 14	334	0.0	0.0	901.46	14.02	0.47

Total 27.8 14.0

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 Year: 2014
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 Station Number: 1
 Latitude: 57.2903
 Elevation (m): 73

Month	Day	Date	Day of the Year	Total Mean Mega Joules per Square Metre per Hour	Bright Sunshine Hours (BSH) Equivalent	BSH Yearly Running Total	BSH Monthly Running Total	BSH Daily Average
12	1	1 Dec 14	335	0.0	0.0	901.46	0.00	0.00
12	2	2 Dec 14	336	0.0	0.0	901.46	0.00	0.00
12	3	3 Dec 14	337	0.0	0.0	901.46	0.00	0.00
12	4	4 Dec 14	338	0.0	0.0	901.46	0.00	0.00
12	5	5 Dec 14	339	0.0	0.0	901.46	0.00	0.00
12	6	6 Dec 14	340	0.0	0.0	901.46	0.00	0.00
12	7	7 Dec 14	341	0.0	0.0	901.46	0.00	0.00
12	8	8 Dec 14	342	0.0	0.0	901.46	0.00	0.00
12	9	9 Dec 14	343	0.0	0.0	901.46	0.00	0.00
12	10	10 Dec 14	344	0.0	0.0	901.46	0.00	0.00
12	11	11 Dec 14	345	0.0	0.0	901.46	0.00	0.00
12	12	12 Dec 14	346	0.0	0.0	901.46	0.00	0.00
12	13	13 Dec 14	347	0.0	0.0	901.46	0.00	0.00
12	14	14 Dec 14	348	0.0	0.0	901.46	0.00	0.00
12	15	15 Dec 14	349	0.0	0.0	901.46	0.00	0.00
12	16	16 Dec 14	350	0.0	0.0	901.46	0.00	0.00
12	17	17 Dec 14	351	0.0	0.0	901.46	0.00	0.00
12	18	18 Dec 14	352	0.0	0.0	901.46	0.00	0.00
12	19	19 Dec 14	353	0.0	0.0	901.46	0.00	0.00
12	20	20 Dec 14	354	0.0	0.0	901.46	0.00	0.00
12	21	21 Dec 14	355	0.0	0.0	901.46	0.00	0.00
12	22	22 Dec 14	356	0.0	0.0	901.46	0.00	0.00
12	23	23 Dec 14	357	0.0	0.0	901.46	0.00	0.00
12	24	24 Dec 14	358	0.0	0.0	901.46	0.00	0.00
12	25	25 Dec 14	359	0.0	0.0	901.46	0.00	0.00
12	26	26 Dec 14	360	0.0	0.0	901.46	0.00	0.00
12	27	27 Dec 14	361	0.0	0.0	901.46	0.00	0.00
12	28	28 Dec 14	362	0.0	0.0	901.46	0.00	0.00
12	29	29 Dec 14	363	0.0	0.0	901.46	0.00	0.00
12	30	30 Dec 14	364	0.0	0.0	901.46	0.00	0.00
12	31	31 Dec 14	365	0.0	0.0	901.46	0.00	0.00
0	0	30 Dec 99	0	0.0	0.0	901.46	0.00	0.00

Total 0.0 0.0