

Figure 2B. Experimental Derived Quality Factor

Scaled N. Hemisphere Seasonal Quality Factor derived from Fig 2A

MAY (Ave. 0.280)		JUNE (Ave. 2.64)		JULY (Ave. 2.45)		AUGUST (Ave. 0.562)	
1	NOT EVALUATED	1	0.32	1	1.38	1	1.23
2	NOT EVALUATED	2	0.47	2	1.88	2	1.16
3	0.02	3	0.30	3	3.85	3	0.57
4	NOT EVALUATED	4	1.21	4	4.22	4	0.30
5	NOT EVALUATED	5	1.01	5	3.28	5	1.73
6	NOT EVALUATED	6	2.84	6	5.26	6	1.09
7	NOT EVALUATED	7	2.22	7	10.00	7	0.49
8	NOT EVALUATED	8	0.47	8	3.75	8	1.33
9	NOT EVALUATED	9	0.64	9	2.12	9	2.10
10	0.22	10	1.80	10	2.52	10	1.28
11	0.00	11	3.26	11	0.74	11	0.64
12	0.02	12	2.54	12	1.31	12	1.43
13	0.00	13	3.85	13	2.49	13	2.81
14	0.00	14	0.99	14	1.75	14	0.32
15	0.27	15	0.77	15	1.19	15	0.22
16	0.00	16	2.15	16	0.32	16	0.00
17	0.05	17	2.20	17	2.30	17	0.12
18	0.15	18	0.94	18	2.20	18	0.00
19	0.05	19	7.36	19	2.42	19	0.10
20	0.44	20	1.70	20	1.16	20	0.00
21	0.07	21	1.83	21	4.32	21	0.10
22	0.17	22	6.40	22	2.94	22	0.02
23	0.05	23	2.49	23	4.20	23	0.00
24	0.22	24	1.41	24	0.52	24	0.20
25	0.96	25	7.51	25	1.09	25	0.00
26	0.49	26	5.83	26	1.06	26	0.02
27	0.35	27	5.85	27	1.21	27	0.05
28	1.93	28	7.46	28	1.98	28	0.00
29	0.69	29	1.38	29	4.10	29	NOT EVALUATED
30	0.44	30	2.05	30	0.17	30	0.02
31	2.07			31	0.07	31	0.05

If the very best date of all records as shown in [Figure 2A](#) represents 405 data points and that particular value were given a Quality Factor of 10.00 with all dates scaled against that reference point, then the above values would be reflected for each date and are shown as the experimental 'Quality Factor" of 0.00 - 10.00. Values > 2.75 are highlighted.

At this time it is believed that some form of Quality Factor must be applied to any overall evaluation as openings near the seasonal limits are much less likely to have the duration or "quality" to produce a large number of contacts when compared to the best days of any given transatlantic Es season. These values overwhelmingly represent 3+ Es hops.

The values shown above are for general interest and are included for informational value within the most recently *released* versions of the Es_Predict utility starting with rev. 3.00.

** Please see the notes regarding the special Perseids peak dates of 12 and 13 August.

This compilation represents: 7,336 6M QSOs and heard data points for a total of: 658 days of actual observed 50 MHz transatlantic Es over the entire period of: 35 years and was last updated on 31 August 2017.

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Click on Figure 2A to view the source data