

CALLSIGN: N5DX
 CONTEST: CQ-WW-CW
 CATEGORY-OPERATOR: SINGLE-OP
 CATEGORY-TRANSMITTER: ONE
 OPERATORS: N5DX

--> TO8M has an unknown country prefix.
 --> TO4GU has an unknown country prefix.
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----- Q S O R a t e S u m m a r y -----									
Hour	160	80	40	20	15	10	Rate	Total	Pct
0000	0	0	133	17	0	0	150	150	2.9
0100	0	11	103	17	0	0	131	281	5.4
0200	1	64	67	0	0	0	132	413	8.0
0300	0	105	36	0	0	0	141	554	10.7
0400	9	77	9	0	0	0	95	649	12.6
0500	11	73	20	0	0	0	104	753	14.6
0600	3	102	12	0	0	0	117	870	16.9
0700	5	0	166	0	0	0	171	1041	20.2
0800	1	9	133	0	0	0	143	1184	23.0
0900	1	9	102	0	0	0	112	1296	25.1
1000	0	2	64	0	0	0	66	1362	26.4
1100	0	0	48	30	1	0	79	1441	27.9
1200	0	0	0	118	53	0	171	1612	31.3
1300	0	0	0	1	185	0	186	1798	34.9
1400	0	0	0	0	133	32	165	1963	38.1
1500	0	0	0	0	13	64	77	2040	39.6
1600	0	0	0	2	119	24	145	2185	42.4
1700	0	0	0	116	50	2	168	2353	45.6
1800	0	0	0	202	0	0	202	2555	49.5
1900	0	0	11	95	8	3	117	2672	51.8
2000	0	0	139	0	6	3	148	2820	54.7
2100	0	0	138	4	8	0	150	2970	57.6
2200	0	0	69	15	5	0	89	3059	59.3
2300	0	55	3	20	0	0	78	3137	60.8
0000	0	9	10	52	0	0	71	3208	62.2
0100	2	71	6	5	0	0	84	3292	63.8
0200	0	63	7	0	0	0	70	3362	65.2
0300	8	24	11	0	0	0	43	3405	66.0
0400	0	11	82	0	0	0	93	3498	67.8
0500	17	5	15	0	0	0	37	3535	68.5
0600	11	21	60	0	0	0	92	3627	70.3
0700	2	1	65	0	0	0	68	3695	71.7

0800	1	5	43	0	0	0	49	3744	72.6
0900	2	5	40	5	0	0	52	3796	73.6
1000	1	5	20	0	0	0	26	3822	74.1
1100	0	2	8	58	0	0	68	3890	75.4
1200	0	0	1	61	80	0	142	4032	78.2
1300	0	0	0	0	170	0	170	4202	81.5
1400	0	0	0	3	122	0	125	4327	83.9
1500	0	0	0	0	74	3	77	4404	85.4
1600	0	0	0	65	24	0	89	4493	87.1
1700	0	0	0	151	1	0	152	4645	90.1
1800	0	0	0	115	3	1	119	4764	92.4
1900	0	0	4	59	8	3	74	4838	93.8
2000	0	0	61	0	8	0	69	4907	95.2
2100	0	0	100	5	0	0	105	5012	97.2
2200	0	0	50	22	0	0	72	5084	98.6
2300	0	2	39	31	0	0	72	5156	100.0

Total 75 731 1875 1270 1071 135 5157

Gross QSOs=5274 Dupes=117 Net QSOs=5157

Unique callsigns worked = 3492

The best 60 minute rate was 202/hour from 1757 to 1856
The best 30 minute rate was 218/hour from 1809 to 1838
The best 10 minute rate was 240/hour from 1813 to 1822

The best 1 minute rates were:

5 QSOs/minute 30 times.
4 QSOs/minute 222 times.
3 QSOs/minute 610 times.
2 QSOs/minute 766 times.
1 QSOs/minute 756 times.

There were 761 bandchanges and 363 (7.0%) probable 2nd radio QSOs.

	C o n t i n e n t						S u m m a r y		
	160	80	40	20	15	10	Total	Pct	
North America	28	75	77	54	36	20	290	5.6	
South America	4	8	18	38	20	24	112	2.2	
Europe	40	625	1630	1022	983	73	4373	84.8	
Asia	0	9	109	130	12	0	260	5.0	
Africa	2	10	22	12	15	16	77	1.5	
Oceania	1	2	17	12	4	0	36	0.7	
???	0	2	2	2	1	2	9	0.2	
Total	75	731	1875	1270	1071	135	5157		

Number of letters in callsigns
Letters # worked

3 47
4 1260

5	2303
6	1499
7	9
8	27
9	11
10	1

Country	C o u n t r y						Total	Pct
	160	80	40	20	15	10		
3B8	0	0	0	0	1	0	1	0.0
3B9	0	0	1	0	0	0	1	0.0
3V	0	0	0	0	0	1	1	0.0
4J	0	0	1	1	0	0	2	0.0
4L	0	0	1	0	1	0	2	0.0
4O	0	1	1	0	0	1	3	0.1
4X	0	1	2	2	2	0	7	0.1
5B	0	2	1	1	1	0	5	0.1
5R	0	0	1	0	0	1	2	0.0
5T	0	0	1	0	0	0	1	0.0
5W	0	0	1	0	0	0	1	0.0
6W	0	0	2	1	2	1	6	0.1
6Y	0	1	1	1	0	0	3	0.1
9A	2	10	26	16	13	5	72	1.4
9H	0	0	0	0	2	0	2	0.0
9J	0	0	0	0	0	1	1	0.0
9K	0	0	2	0	0	0	2	0.0
9M6	0	0	1	0	0	0	1	0.0
9X	0	0	0	0	1	0	1	0.0
9Y	0	0	1	1	0	1	3	0.1
A4	0	0	0	1	0	0	1	0.0
A6	0	0	0	1	0	0	1	0.0
A7	0	0	0	1	0	0	1	0.0
A9	0	0	1	0	0	0	1	0.0
BV	0	0	1	2	0	0	3	0.1
BY	0	0	2	2	0	0	4	0.1
C6	0	0	0	0	1	1	2	0.0
C9	0	1	1	1	1	1	5	0.1
CE	0	0	0	2	1	0	3	0.1
CE9	0	0	0	1	0	0	1	0.0
CM	1	3	3	3	4	2	16	0.3
CN	0	1	2	3	1	1	8	0.2
CT	0	2	4	2	2	1	11	0.2
CT3	1	2	2	2	2	2	11	0.2
CU	1	1	2	1	1	1	7	0.1
CX	0	0	1	2	1	1	5	0.1
D4	0	1	1	1	1	1	5	0.1
DL	7	98	292	200	177	6	780	15.1
DU	0	0	0	1	0	0	1	0.0
E7	1	3	4	8	3	0	19	0.4
EA	1	20	46	50	36	7	160	3.1
EA6	0	0	1	1	1	1	4	0.1
EA8	1	3	7	2	4	3	20	0.4
EA9	0	0	2	0	0	0	2	0.0

EI	1	4	7	6	4	0	22	0.4
EK	0	0	1	0	0	0	1	0.0
ER	0	2	2	2	1	0	7	0.1
ES	1	2	5	3	10	0	21	0.4
EU	0	12	21	13	10	0	56	1.1
F	1	18	66	36	40	2	163	3.2
FG	0	0	0	0	1	0	1	0.0
FM	0	0	0	0	1	0	1	0.0
FY	0	0	0	1	1	1	3	0.1
G	1	22	97	60	50	2	232	4.5
GD	1	0	1	2	1	1	6	0.1
GI	0	2	4	3	3	0	12	0.2
GJ	0	0	0	0	2	0	2	0.0
GM	1	4	13	12	7	0	37	0.7
*GM/s	0	0	1	1	0	0	2	0.0
GU	0	0	0	1	0	0	1	0.0
GW	0	0	4	4	1	0	9	0.2
HA	1	23	40	20	20	1	105	2.0
HB	2	7	16	11	11	1	48	0.9
HC	0	0	1	0	0	0	1	0.0
HI	1	1	1	0	1	2	6	0.1
HK	1	0	0	2	1	2	6	0.1
HL	0	0	1	1	0	0	2	0.0
HP	0	1	1	0	1	0	3	0.1
HR	0	0	0	1	0	0	1	0.0
HS	0	0	0	3	0	0	3	0.1
HZ	0	1	0	0	1	0	2	0.0
I	0	23	97	67	60	23	270	5.2
*IG9	0	1	0	0	0	0	1	0.0
IS	0	0	2	2	3	0	7	0.1
*IT9	0	2	6	3	5	1	17	0.3
J3	0	0	0	0	1	0	1	0.0
JA	0	1	62	77	1	0	141	2.7
JW	0	0	0	1	0	0	1	0.0
K	3	27	26	12	6	2	76	1.5
KH0	0	0	1	0	0	0	1	0.0
KH2	0	0	1	0	1	0	2	0.0
KH6	1	2	3	2	2	0	10	0.2
KL	0	0	0	1	0	0	1	0.0
KP2	1	0	2	2	2	1	8	0.2
KP4	1	2	4	6	1	2	16	0.3
LA	1	8	15	10	12	0	46	0.9
LU	0	1	1	6	3	6	17	0.3
LX	1	2	2	2	2	0	9	0.2
LY	1	16	20	13	14	0	64	1.2
LZ	1	10	39	14	16	3	83	1.6
OA	0	1	1	1	1	1	5	0.1
OE	0	5	20	8	9	2	44	0.9
OH	0	13	32	19	27	0	91	1.8
OH0	0	0	2	1	1	0	4	0.1
OK	2	35	81	51	62	4	235	4.6
OM	1	11	32	21	15	0	80	1.6
ON	1	8	28	16	15	0	68	1.3
OX	0	0	1	1	1	0	3	0.1

OY	0	0	0	1	0	0	1	0.0
OZ	1	4	13	9	8	0	35	0.7
P4	1	3	3	2	1	4	14	0.3
PA	3	13	57	44	31	1	149	2.9
PJ2	1	1	1	1	1	1	6	0.1
PJ4	1	1	2	2	2	2	10	0.2
PJ5	1	1	1	1	1	0	5	0.1
PJ7	0	0	0	1	1	0	2	0.0
PY	0	1	1	12	6	3	23	0.4
PZ	0	0	1	1	1	1	4	0.1
S5	1	16	40	22	23	3	105	2.0
SM	2	23	38	35	29	0	127	2.5
SP	1	40	90	53	59	2	245	4.8
SV	0	1	8	7	4	0	20	0.4
SV9	0	0	0	0	1	0	1	0.0
TA	0	1	1	2	1	0	5	0.1
*TA1	0	1	3	1	2	0	7	0.1
TF	0	1	2	1	2	0	6	0.1
TI	0	0	1	0	1	0	2	0.0
TK	0	2	2	2	1	1	8	0.2
UA	0	64	160	82	77	0	383	7.4
UA2	1	2	6	3	3	0	15	0.3
UA9	0	1	32	29	4	0	66	1.3
UN	0	2	1	4	0	0	7	0.1
UR	0	60	101	39	58	0	258	5.0
V2	1	0	2	1	0	1	5	0.1
V3	0	0	0	1	0	0	1	0.0
V4	1	0	1	1	1	1	5	0.1
V7	0	0	1	0	0	0	1	0.0
VE	12	33	25	17	7	2	96	1.9
VK	0	0	6	3	1	0	10	0.2
VP2E	0	0	0	0	1	0	1	0.0
VP2V	1	1	1	1	0	1	5	0.1
VP5	0	0	1	1	0	1	3	0.1
VP9	1	1	0	0	0	0	2	0.0
VR	0	0	0	1	0	0	1	0.0
VU	0	0	0	2	1	0	3	0.1
XE	1	1	3	1	1	1	8	0.2
YB	0	0	1	4	0	0	5	0.1
YL	1	9	7	8	9	0	34	0.7
YN	1	1	1	1	1	1	6	0.1
YO	0	13	34	15	27	1	90	1.7
YU	1	12	32	16	10	2	73	1.4
*Z6	0	0	0	1	1	0	2	0.0
YV	0	0	5	3	1	1	10	0.2
Z3	0	0	6	2	2	0	10	0.2
ZA	0	0	1	1	0	0	2	0.0
ZB	0	0	1	0	0	1	2	0.0
ZD8	0	0	1	1	1	1	4	0.1
ZF	2	2	2	1	2	2	11	0.2
ZL	0	0	2	2	0	0	4	0.1
ZP	0	0	0	1	0	0	1	0.0
ZS	0	1	1	1	1	3	7	0.1
???	0	2	2	2	1	2	9	0.2

 Total 75 731 1875 1270 1071 135 5157

----- M u l t i p l i e r S u m m a r y -----
 Mult 160 80 40 20 15 10 Total Pct

14	25	236	709	507	433	24	1934	37.5
15	14	225	551	340	352	45	1527	29.6
16	0	136	288	136	146	0	706	13.7
20	1	29	88	42	54	4	218	4.2
25	0	1	63	78	1	0	143	2.8
08	10	13	21	21	19	16	100	1.9
05	5	36	30	14	3	1	89	1.7
09	4	5	13	13	8	13	56	1.1
04	9	16	13	8	7	1	54	1.0
33	2	7	13	7	7	7	43	0.8
17	0	5	11	21	3	0	40	0.8
03	1	8	7	6	2	1	25	0.5
11	0	1	1	13	6	3	24	0.5
13	0	1	2	8	4	7	22	0.4
18	0	0	14	3	1	0	18	0.3
19	0	0	4	9	0	0	13	0.3
07	1	2	3	3	3	1	13	0.3
21	0	1	6	4	2	0	13	0.3
35	0	1	4	2	3	2	12	0.2
31	1	2	4	2	2	0	11	0.2
40	0	1	3	3	3	0	10	0.2
38	0	1	1	2	1	3	8	0.2
06	1	1	3	1	1	1	8	0.2
24	0	0	3	5	0	0	8	0.2
30	0	0	5	1	1	0	7	0.1
36	0	0	1	1	2	2	6	0.1
10	0	1	2	1	1	1	6	0.1
28	0	0	2	4	0	0	6	0.1
37	0	1	1	1	1	1	5	0.1
02	1	1	1	1	0	1	5	0.1
32	0	0	3	2	0	0	5	0.1
39	0	0	2	0	1	1	4	0.1
27	0	0	2	1	1	0	4	0.1
12	0	0	0	2	1	0	3	0.1
22	0	0	0	2	1	0	3	0.1
29	0	0	1	2	0	0	3	0.1
26	0	0	0	3	0	0	3	0.1
01	0	0	0	1	1	0	2	0.0

 Total 75 731 1875 1270 1071 135 5157

Multi-band QSOs

 1 bands 2473
 2 bands 591
 3 bands 262
 4 bands 121
 5 bands 38

