# Spokane DX Association <br> K7SDX - Spokane, Washington PO Box 28882 - zip 99228 

SDXA - 05 july 2012
the june 2012 meeting was called to order by our president WA1PMA, Wayne, at 19:00 local.
secretary's report by WA0WWW, the june minutes (thanks K7AWB) are on our site:
http://www.sdxa.org/?cat=10
treasurer's report by K7GS, Gary; income was $\$ 40$ dues - expenses were $\$ 145$ for the FD porta potty and NCDXF yearly donation. the CD was cashed in also, for use with the convention next year.

VP's report by $W$ X7B, the next meeting will be in sept and will be back here. (you not on my good side Chris, w)

* August meeting is cancelled due to the Annual Summer picnic


## old business:

- Field Day is in the books. we earned 370 bonus points and had 310 QSOs with 12 operators. the entire time we were up, we had at least 1 (usually much more), so great participation. the goals for the year were met, with the exception of the lightning and some wind sunday morning.
- 03-05 August is the Portland DX Convention. So far 9 SDXA members and their wives have signed up. (see below for more)
- 26 august, sunday, $11 a m$ to $3 p m$ : the summer picnic will be at south end of Franklin Park (N. Division and Queen - near Northtown Mall). this was the only city park opening left all year and we did get our permit.


## new business:

- Bob, N7AU, let us know about an annual pig roost on 21july in Springdale at the home of K7KUH, Ray (5149 ROSEHILL ROAD SPRINGDALE, WA). something will be sent out on our google group. (sounds like a great time and good food.)


## announcements:

- the announcement is out for the56th annual Pacific Northwest DX Convention sponsored by the Willamette Valley DX Club, from August 3-5, 2012 at the Monarch Hotel and Conference Center, Clackamas, OR. $\$ 75$ for the whole thing, which is lower than this convention the past few years and we may need to think about what to do about ours 'next year'. Questions? Contact Al Rovner, K7AR at k7ar@arrl.net. more information is available at www.wvdxc.org.


## DX and contesting:

- the basic list of the DXpeditions in the top 100 wanted sdxa_minutes_2012_07web

| rank | Call | $\begin{aligned} & \text { DXCC } \\ & \text { Entity } \end{aligned}$ | $\frac{\text { Start }}{\text { Date }}$ | End <br> Date | $\overline{Q S L}$ via | Info |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 14 | VK0 <br> ZL9HR | Heard I <br> Auckland Campbell Is | $\begin{gathered} 2014 \\ \text { Jan01 } \\ \text { Nov17 } \end{gathered}$ | $\begin{gathered} 2014 \\ \text { Jan31 } \\ \text { Nov30 } \end{gathered}$ | TBA | By KK6EK DJ9ZB AD6E DJ5IW W3WL AA7XT NP4IW N4GRN N6PSE WOGJ as TBA; specific dates TBA; plans call for early in 2014 <br> By VK2IR VK3YP + team fm Campbell I (OC-037 |
| 41 48 | $\begin{aligned} & \frac{\mathrm{T} 6 \mathrm{JP}}{} \\ & \mathrm{TT} 8 \mathrm{PK} \end{aligned}$ | Afghanistan <br> Chad | $\begin{aligned} & \text { Feb22 } \\ & \text { Jun12 } \end{aligned}$ | Jul31 <br> Aug06 | LotW <br> F4EGS | By OZ2JBC; 80-10m, but mainly $20-10 \mathrm{~m}$; RTTY PSK SSB; 100w; QSL also via eQSL, other details on Web page <br> By F4EGS fm Ndjamena; HF; QSL OK via REF Buro or direct |
| 49 49 | D64K D64K | Comoros | Aug08 <br> Aug01 | $\begin{aligned} & \text { Aug20 } \\ & \text { Aug31 } \end{aligned}$ | $\begin{aligned} & \text { IV3DSH } \\ & \text { IV3DSH } \end{aligned}$ | By team fm Ngazidja I; HF <br> By IW3SQY IV3DSH IZ4AKS IZ8GCE IT9YVO C31CT SP3DOI <br> fm AF-007; $160-6 \mathrm{~m}$, possibly including 60 m ; all modes; exact dates TBA |
| 53 56 | $\begin{aligned} & \underline{\mathrm{NH} 8 \mathrm{~S}} \\ & 3 \mathrm{D} 2 \mathrm{C} \end{aligned}$ | Swain's Island <br> Conway Reef | $\begin{aligned} & \text { Sep04 } \\ & \text { Sep25 } \end{aligned}$ | Sep18 <br> Oct06 | AA4NN <br> YT1AD | By AA4NN DJ7JC DL3DXX I8NHJ K5AB K6MM K6TD K9CT KH7Y N2TU N6HC NA6M ND2T NI6T SM5AQD W4BUW W6KK W8GEX WB4JTT WB9Z <br> By YT1AD K3LP UA4HOX N6PSE PY5EG RW4NW WD5COV EA1IR AA4NN AH6HY AD6E I2VGW and K6SRZ; 160-10m, incl $60 \mathrm{~m}(5.4035 \mathrm{MHz})$; CW SSB RTTY SSTV PSK31; QSL' OK via Buro or direct |
| 59 | H40FN | Temotu | Dec22 | $\begin{gathered} 2013 \\ \text { Jan07 } \end{gathered}$ | HA8DD | By ops |
| 62 | 1A0C | SMO Malta | Jul01 | Jul04 | 1A0Z | By 1A0X 1 AOZ EA2RY EA5RM EA7AJR EA7KW F5CWU IN3ZNR IT9YVO IZ8IYX PB2T SP3DOI fm Santa Maria del Priorato; $\mathrm{HF}+6 \mathrm{~m}$ |
| 101 104 | $\begin{aligned} & \underline{\text { TX5 }} \\ & \underline{7 P 8 D} \end{aligned}$ | Clipperton I <br> Lesotho | $\begin{gathered} 2013 \\ \text { Mar01 } \\ \text { Nov23 } \end{gathered}$ | $\begin{gathered} 2013 \\ \text { Mar10 } \\ \text { Dec03 } \end{gathered}$ | $\begin{aligned} & \text { TBA } \\ & \text { ZS2DL } \end{aligned}$ | By KK6EK + international team as TBD; all bands; all modes <br> By ZS2DL V51YJ LZ1UQ DJ3CQ ZS1TT K5LBU DL2MDU ZS2DK ZS6RJ; 80-10m; CW RTTY, some SSB |
| 107 | V84SMD | Brunei | Nov10 | Nov22 | LotW | By F1HRE F5EOT F6BIV I2VGW I8YGZ IK2LTR IZ2GNQ IZ8CCW ON7RN UZ2HKC V85AVE V85AX V85TX YB3MM fm OC-088; $160-10 \mathrm{~m} ; \mathrm{CW}$ SSB RTTY; $4-5$ stations, 24 hrs/day; QSL also OK via OQRS and IK2VUC, Buro or direct |
| 119 | TY2BP | Benin | Jun28 | Jul31 | IK1IQD | By LAOHF fm Cotonou; 201510 m ; operation to last between 30 and 45 days |

- see below for a listing of more DX coming up
- contests coming up:

| July 2012 |  |
| :---: | :---: |
| + RAC Canada Day Contest | 0000Z-2359Z, Jul 1 |
| + IARU HF World Championship \#10 | 1200Z, Jul 14 to 1200Z, Jul 15 |
| $\pm$ North American QSO Party, RTTY | 1800Z, Jul 21 to 0600Z, Jul 22 |
| August 2012 |  |
| + North American QSO Party, CW | 1800Z, Aug 4 to 0600Z, Aug 5 |
| + WAE DX Contest, CW | 0000Z, Aug 11 to 2359Z, Aug 12 |
| + SARTG WW RTTY Contest | 0000Z, Aug 18 to 1600Z, Aug 19 |
| + North American QSO Party, SSB | 1800Z, Aug 18 to 0600Z, Aug 19 |
| September 2012 |  |
| + Washington State Salmon Run | $1600 Z$, Sep 15 to 0700Z, Sep 16 and 1600Z-2400Z, Sep 16 |
| + CQ Worldwide DX Contest, RTTY | 0000z, Sep 29 to 2400Z, Sep 30 |

the program: \#1 - WA1PMA went over the new DXCC application on line., now as the cards come in you can put them out there and not wait till the end and do them all. pretty cool, and actually much faster turnaround at the league now.
\#2 - a 8mm film re-do for a DXPedition in the early 70s to Wallis Island, tube rigs, wire antennas, paper logs and pigs. some things have changed.

## next month:

next month's meeting will be the picnic, see above.

- program is: good food and fellowship.
- respectfully submitted by wa@www jay w
sdxa_minutes_2012_07web

| guests at the meeting: __1 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| call name: |  |  |  |  |  |  |  |
| KB7JPX Diane |  |  |  |  |  |  |  |
| xyl-W7VI Lea |  | xyl-w6aea |  | KB7JPX ${ }_{\text {- 44-arrl, } 34 \mathrm{dxcc})}$ Diane |  |  |  |
| regular members pr |  | 12__; (total 53 members - 44-arrl, 34 dxcc$)$ |  |  |  |  |  |
| call | name |  |  |  |  |  | ' x ' if present |
| AA7RT | Mary | Qualtieri |  |  |  |  | N7AU | Robert | Lee | XX |
| AC7GP | Bob | Meenach |  | N7CXI | Jim | Barber |  |
| AC7MV | David | Snyder | xx | N7GTW | Vern | Anderson |  |
| AD7XG | Gary | Bytnar |  | N7KR | Mike | Stephens |  |
| AE7GT | Marybeth | Snyder | XX | NE7F | Barnet | Jim | HLM |
| AE7KI/VK2APG | Gerry | Rosam |  | W0CG | Geoff | Howard |  |
| AL7LB | Gimmie | Morgan |  | W3AS | Doug | Brede |  |
| JA3CZY | Elvin | Miura | HLM | W6AEA | George | Tuncil |  |
| K7AWB | Steve | Sala | web | W7BHP | Dick | Snell |  |
| K7EFX | Brackemyre | John |  | W7GSV | Robert | Rosie |  |
| K7EIQ | Merle | Trenary |  | W7MEM | Mark | McMillian |  |
| K7EKM | Kirk | Mohror | pp | W7PEG | Peggy | Sala |  |
| K7GS | Gary | Swartout | treas xx | W7YEM | Warren | Triebwasser |  |
| K7HPT | Mark | Van Winkle |  | W7VI | Stephen | Rogers |  |
| K7HRT | Patrick | O'Dea |  | WA0WWW | jay w | holcomb | sec xx |
| K7KB | John | Gager |  | WA1PMA | Wayne | Millican | prez xx |
| K70X | Gary | Elliott | XX | W7AL | Allen | Hiatt |  |
| K7TQ | Randy | Foltz | xx | W7TJ | Randy | Crews |  |
| KB7HDX | Mark | Tharp | sec. mngr | WA7LT | LeMar | Ray | xx |
| KD7GHZ | Michael | Carey |  | WS7I | Jay | Townsend |  |
| KD7KCW | Dennis | Henrichs |  | WU7X | Dale | Avery |  |
| KD70CT | Loren | Kirsch |  | WV7Y | Betsy | Townsend |  |
| KE7KPO | Carl | Maki |  | WW7CA | Cynthia | Frees |  |
| KI7DG | Chuck | Williams |  | WW7DD | Jim | Frees |  |
| KL9A | Chris | Hurlbut |  | WX7B | Chris | Pritchard | vp $x$ x |
| N2HS | Lynn | Minor |  | WX7P | Wilse | Morgan |  |
| N5AR | Dan | Hearn | xx |  |  |  |  |

other contest calendar http://www.hornucopia.com/contestcal/index.html
Pacific NW Challenge Trophy contests_(updated for 2011-2012 dates):

| CQ Worldwide DX Contest, RTTY | \#1 - done | 0000Z, Sep 24 to 2400Z, Sep 25 |
| :---: | :---: | :---: |
| CQ Worldwide DX Contest, SSB | \#2 - done | 0000Z, Oct 29 to 2400Z, Oct 30 |
| CQ Worldwide DX Contest, CW | \#3 - done | 0000Z, Nov 26 to 2400Z, Nov 27 |
| ARRL RTTY Roundup | \#4 - done | 1800Z, Jan 7 to 2400Z, Jan 8 |
| CQ WW RTTY WPX Contest | \#5 - done | 0000Z, Feb 11 to 2400Z, Feb 12 |
| ARRL Inter. DX Contest, CW | \#6 - done | 0000Z, Feb 18 to 2400Z, Feb 19 |
| ARRL Inter. DX Contest, SSB | \#7 - done | 0000Z, Mar 3 to 2400Z, Mar 4 |
| CQ WW WPX Contest, SSB | \#8 - done | 0000Z, Mar 24 to 2400Z, Mar 25 |
| CQ WW WPX Contest, | \#9 - done | 0000Z, May 26 to 2400Z, May 27 |
| $\pm$ IARU HF World Championship | \#10 | 1200Z, Jul 14 to 1200Z, Jul 15 |

1. NW DX challenge trophy contests, above: please send your claimed scores to wa0www@hotmail.com
2. for all CQ contests send your claimed score to: W3AS; doug.brede@gmail.com
3. to help keep the super check partial files complete consider to cc k5zd@contesting.com when you submit your Cabrillo logs.

## other DX coming up: http://www.ng3k.com/Misc/adxoc.html

for most wanted: http://www.clublog.org/mostwanted.php

| P4 | Aruba | Jun16 | Jul02 | ON4QX | By ON4QX as P4/ON4QX |
| :---: | :---: | :---: | :---: | :---: | :---: |
| VP2V | Br Virgin Is | Jun21 | Jul02 | W9DR Direct | By W9DR as VP2V/W9DR fm NA-023 (FK78tr); 6m, 50.115.6 Mhz CW and 50.115 Mhz SSB |
| KH8PPG | American Samoa | Jun27 | Jul03 | N7RO | By N3QQ N7RO fm Pago Pago; also possibly KH8RRC; focus on 40-10m; spare time operation; EU QSL via UA9OBA |
| KHOXG | Mariana Is | Jun28 | Jul03 | JL1RXW | By JL1RXW fm Tinian I; HF; SSB |
| VP2M | Monserrat | Jun29 | Jul03 | See Info | By G3USR as VP2MSR and M0AEP as VP2MDD fm NA-103 (WLOTA 1475, FK86vr); 20-10m + 6m; SSB; QSL VP2MSR via G3USR, direct and QSL VP2MDD via MOAEP, RSGB Buro or direct |
| TK | Corsica | Jul01 | Jul06 | ON8VP Buro | By ON8VP as TK/ON8VP fm EU-014 (DIFM TK-001, MIA MCO001, WLOTA 1390) |
| YE0M | Indonesia | Jul06 | Jul09 | YB1GJS | By ORARI DXpedition \& Contest Team fm Kaliage Besar I (OC177); 160-6m; CW SSB RTTY |
| El | Ireland | Jul14 | Jul15 | WJ2O | By WJ2O as EI/WJ2O/m during IARU Contest, mixed mode; QRV Jul $8-19 \mathrm{fm} \mathrm{El}$ and GI |
| 9Y4HQ | Trinidad \& Tobago | Jul14 | Jul15 | DF2RG | By Trinidad and Tobago Amateur Radio Society; HQ station for IARU Contest |
| FP | St Pierre \& Miquelon | Jul09 | Jul17 | LotW | By KV1J as FP/KV1J fm NA-032 (DIFO FP-002, WLOTA 1417, GN17); 160-6m; SSB CW RTTY PSK31; QRV for IARU HF Contest; QSL also OK via KV1J direct or eQSL |
| MU | Guernsey | Jul16 | Jul20 | OT9Z Buro | By ON9Z ON3JA ON3NT as MU/OT9Z |
| TK | Corsica | Jul07 | Jul21 | LotW | By F8BBL as TK12IOTA fm Olmeto beach; 80-10m; mainly CW; also Jul 14 as TK12IOTA/p fm Lavelli I (EU-164, TK-011, JN41oi) and Jul 18 fm Sanguinaires I (EU-104, TK-002, JN41hv) |
| E51 | South Cook Is | Jul07 | Jul21 | N6NB | By N6NB as E51YNB and W6TAI as E51TAI fm Aitutaki; QRV for IARU HF Contest |
| EA6 | Balearic Is | Jul16 | Jul27 | IW2NEF Buro | By IW2NEF as EA6/IW2NEF fm EU-004 (DIE E-021, MIA MB-004, WLOTA 1902, JM19); HF + 6 2m |
| MJ | Jersey | Jul20 | Jul27 | OT9Z Buro | By ON8ZZ ON3JA ON3NT as MJ/OT9Z |
| KH0 | Mariana Is | Jul26 | Jul29 | See Info | By WE8A as WE8A/KH0; 80-6m, focus on WARC; SSB CW; QSL direct Only to JA QSL address at qrz.com |
| FP | St Pierre \& Miquelon | Jul20 | Jul31 | HB9EOU | By VE3DZ as FP/VE3DZ and VA2WDQ as FP/VA2WDQ fm Miquelon I (NA-032); QRV for RSGB IOTA Contest using TO2U |
| V47JA | St Kitts \& Nevis | Jul12 | Aug02 | LotW | By W5JON fm Calypso Bay, St Kitts (NA-104, FK87pg); 80-6m, incl 60m; SSB; QSL also OK via W5JON; QRV for RSGB IOTA Contest; also W5HAM using V47HAM at times |
| CY9M | St Paul I | Jul26 | Aug02 | LotW | By AB5EB N2WB EA2TA EA3NT IZ7ATN MMONDX SM0MDG SV2KBS VA3FM VE3EN; $160-2 \mathrm{~m}$, especially 160 m and 6 m , propagation permitting; all modes; QSL also OK via MOURX |
| TO2D | St Barthelemy | Jul20 | Aug04 | HB9EOU | By HB9EOU HB9CVC; 40-6m; SSB |
| VP2MDD | Montserrat | Jun07 | Aug06 | MOAEP | By MOAEP fm NA-103 (GK86vr); focus on 1210 6m; SSB CW; QSL OK via RSGB Buro or direct: 11 Ferriby Road, Barton upon Humber, North Lincolnshire, DN18 5LE, UK |
| ZA1TC | Albania | Aug01 | Aug07 | See Info | By TA1HZ fm Durres; QRV for European HF Championship; QSL OK via TCSWAT, POB 73 Karakoy, 34421 Istanbul, Turkey or via TA QSL Buro |
| T15 | Costa Rica | Aug01 | Aug08 | NOTW | By N6OPR NOTW as TI5/K6MQ; QRV for 10-10 Summer QSO Party |
| SV5 | Dodecanese | Aug04 | Aug11 | LotW | By I2RNJ as SV5/I2RNJ and IK2IHY as SV5/IK2IHY fm Rhodes; 100w; SSB; multiband dipole; holiday style operation; QSL also OK via ARI Buro |
| JW | Svalbard | Aug10 | Aug12 | Home Call | By LA6VJA as JW6VJA and LA6TMA as JW6TMA fm Longyearbyen (EU-026, WLOTA 0125); CW SSB + digital |
| V31 | Belize | Aug16 | Aug20 | AF6WU | By AF6WU as V31WU and AF6KJ as V31DV fm Caye Caulker (NA-105); HF |
| FP | St Pierre \& Miquelon | Aug10 | Aug20 | VE2XB | By VE2XB as FP/VE2XB fm NA-032; 160-6m; SSB CW; 500w; QSL OK via Buro or direct |

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| VQ9XP | Chagos | Aug09 | Aug25 | W4XP | By W4XP fm Diego Garcia; focus on 6m w/ some HF; spare time operation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| E51AND | South Cook Is | Jul02 | Aug25 | AB7FS | By AB7FS fm Rarotonga I (OC-013); straight key CW around 14.050 MHz |
| SV9 | Crete | Aug27 | Sep03 | ON6DSL | By ON6DSL as SV9/ON6DSL/p fm EU-015; SSB; 5w; dipolel QSL OK via ON Buro or direct |
| 5H3ME | Tanzania | Aug14 | Sep03 | DL4ME | By DL4ME; 80-6m; focus on CW, some digital; holiday style operation |
| FR | Reunion | Sep02 | Sep10 | DF8AN | By DF8AN as FR/DF8AN; mainly CW |
| JW8DW | Svalbard | Sep12 | Sep19 | LA8DW | By LA8DW LA9HH fm Spitsbergen I (EU-026, WLOTA 0125); QRV for SAC CW Contest (Sep 15-16) |
| ZK2GJ | Niue | Sep07 | Sep21 | W7GJ | By W7GJ; 62 m ; EME |
| KH6 | Hawaii | Sep22 | Oct06 | VK2IR | By VK2IR as KH6/VK2IR and VK2NN as KH6/VK2NN; 40-10m; holiday style operation |
| P29VCX | Papua New Guinea | Oct20 | Oct24 |  | By G3KHZ SM6CVX DL6KVA HB9BXE K5WQG fm Emirau I (OC103) |
| T30PY | West Kiribati | Oct16 | Oct25 | OQRS | By PT2OP PY1KN PY2PT PY2XB PY2WAS PY3MM PY4BZ PY7XC PY7ZY; 160-6m; CW SSB RTTY; T30SIX on 6m; QSL also OK via PY2PT, Buro or direct |
| P29NI | Papua New Guinea | Oct27 | Oct31 |  | By G3KHZ SM6CVX DL6KVA HB9BXE K5WQG fm Simberi I (OC099) |
| P29 | Papua New Guinea | Nov02 | Nov04 |  | By G3KHZ SM6CVX DL6KVA HB9BXE K5WQG as TBD fm Lihir I (OC-069) |
| P29VCX | Papua New Guinea | Nov06 | Nov09 |  | By SM6CVX fm Buka I (OC-135) |
| P29VCX | Papua New Guinea | Nov09 | Nov12 |  | By SM6CVX fm Manu I (OC-025) |
| ZK2 | Niue | Sep08 | Nov15 | ZL1RS Direct | By ZL1RS as TBD; 62 m |
| E51E | South Cook Is | Dec10 | 2013 Jan05 | EB7DX | By 5B4AIF fm Aitutaki I (OC-083, BH01cd); SSB RTTY, perhaps CW; 400w |
| PJ7 | Sint Maarten | $\begin{gathered} 2013 \\ \text { Mar15 } \end{gathered}$ | $\begin{gathered} 2013 \\ \text { Mar23 } \end{gathered}$ | NOTG | By NOTG as PJ7/N0TG, AA4VK and N1SNB likewise |

FD Score Summary Sheet

```
    Start Date : 2012-06-23
    CallSign Used : K7SDX
        Operator(s) : K7SDX
Operator Category : MULTI-OP
            Band : ALL
            Power : LOW
                Mode : MIXED
Default Exchange : 2A EWA
            Gridsquare : DN17di
                Name : SDXA
            Address : PO Box 28882
City/State/Zip : Spokane WA 99239
                Country : USA
    ARRL Section : EWA
            Club/Team : Spokane DX Association
            Software : N1MM Logger V12.4.2
\begin{tabular}{rlrr} 
Band & Mode & QSOs & \multicolumn{1}{c}{ Pts } \\
3.5 & LSB & 26 & 26 \\
7 & CW & 26 & 52 \\
7 & LSB & 127 & 126 \\
14 & USB & 112 & 111 \\
21 & CW & 5 & 10 \\
21 & USB & 14 & 14 \\
Total & Both & 310 & 339
\end{tabular}
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Score : 678

Rig : IC-761 x2
Antennas : 40/80 fan dipole, Gap Titan, and TET 3 el. tribander Soapbox : the goal was to have folks come out and enjoy the weekend in the field, with some operating for all those that wanted to, that was accomplished. rain and lightning was a challenge sunday morning, but we worked around that.

I have observed all competition rules as well as all regulations established for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the Contest Committee.

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Date : 2012-06-24 Signature :
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| Date | Hour | Total | CW 21 | CW 7 | LSB 3_5 | LSB 7 | USB 14 | USB | Running Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2012-06-23 | 19 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 2012-06-23 | 20 | 32 | 0 | 0 | 0 | 22 | 10 | 0 | 33 |
| 2012-06-23 | 21 | 32 | 0 | 0 | 0 | 23 | 9 | 0 | 65 |
| 2012-06-23 | 22 | 28 | 0 | 0 | 0 | 6 | 8 | 14 | 93 |
| 2012-06-23 | 23 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 95 |
| 2012-06-24 | 0 | 12 | 3 | 5 | 0 | 0 | 4 | 0 | 107 |
| 2012-06-24 | 1 | 23 | 0 | 1 | 0 | 8 | 14 | 0 | 130 |
| 2012-06-24 | 2 | 13 | 0 | 0 | 0 | 4 | 9 | 0 | 143 |
| 2012-06-24 | 3 | 30 | 0 | 13 | 0 | 3 | 14 | 0 | 173 |
| 2012-06-24 | 4 | 10 | 0 | 0 | 0 | 5 | 5 | 0 | 183 |
| 2012-06-24 | 5 | 25 | 0 | 0 | 0 | 8 | 17 | 0 | 208 |
| 2012-06-24 | 6 | 22 | 0 | 0 | 0 | 10 | 12 | 0 | 230 |
| 2012-06-24 | 7 | 14 | 0 | 0 | 0 | 11 | 3 | 0 | 244 |
| 2012-06-24 | 8 | 11 | 0 | 0 | 1 | 9 | 1 | 0 | 255 |
| 2012-06-24 | 9 | 23 | 0 | 0 | 22 | 0 | 1 | 0 | 278 |
| 2012-06-24 | 10 | 20 | 0 | 0 | 3 | 16 | 1 | 0 | 298 |
| 2012-06-24 | 11 | 9 | 0 | 4 | 0 | 2 | 3 | 0 | 307 |
| 2012-06-24 | 12 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 310 |
| Total | All Hours | 310 | 5 | 26 | 26 | 127 | 112 | 14 | 0 |


| Sect | Total | CW 21 | CW 7 | LSB 3_5 | LSB 7 | USB 14 | USB 21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3AN | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| AB | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| AK | 2 | 0 | 1 | 0 | 0 | 1 | 0 |
| AL | 6 | 1 | 1 | 0 | 2 | 1 | 1 |
| AR | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| AZ | 12 | 2 | 1 | 1 | 2 | 6 | 0 |
| BC | 6 | 0 | 0 | 2 | 4 | 0 | 0 |
| CO | 7 | 0 | 0 | 0 | 1 | 2 | 4 |
| EB | 5 | 0 | 0 | 0 | 5 | 0 | 0 |
| EMA | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| EPA | 2 | 0 | 1 | 0 | 0 | 1 | 0 |
| EWA | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| GA | 7 | 0 | 0 | 1 | 3 | 3 | 0 |
| IA | 5 | 0 | 0 | 0 | 1 | 4 | 0 |
| ID | 7 | 0 | 0 | 0 | 7 | 0 | 0 |
| IL | 10 | 0 | 3 | 2 | 4 | 1 | 0 |
| IN | 5 | 0 | 0 | 2 | 2 | 1 | 0 |
| KS | 6 | 0 | 2 | 0 | 0 | 4 | 0 |
| KY | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| LA | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| LAX | 7 | 0 | 0 | 0 | 2 | 5 | 0 |
| MAR | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| MDC | 6 | 0 | 1 | 2 | 2 | 1 | 0 |
| MI | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| MN | 11 | 0 | 2 | 0 | 3 | 6 | 0 |
| MO | 7 | 0 | 2 | 0 | 1 | 4 | 0 |
| MS | 6 | 1 | 1 | 0 | 2 | 2 | 0 |
| MT | 6 | 0 | 0 | 0 | 6 | 0 | 0 |
| NC | 7 | 0 | 0 | 0 | 1 | 6 | 0 |
| NE | 3 | 0 | 0 | 0 | 1 | 2 | 0 |
| NFL | 6 | 0 | 1 | 0 | 1 | 2 | 2 |
| NH | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| NM | 7 | 0 | 2 | 0 | 1 | 4 | 0 |
| NNJ | 3 | 0 | 1 | 0 | 0 | 2 | 0 |
| NTX | 5 | 0 | 1 | 0 | 1 | 3 | 0 |
| NV | 4 | 0 | 0 | 1 | 1 | 2 | 0 |
| NWT | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| OH | 6 | 0 | 1 | 1 | 3 | 1 | 0 |
| OK | 2 | 0 | 0 | 2 | 0 | 0 | 0 |
| ON | 2 | 0 | 0 | 1 | 1 | 0 | 0 |
| OR | 21 | 0 | 0 | 2 | 19 | 0 | 0 |
| ORG | 7 | 0 | 1 | 0 | 1 | 5 | 0 |
| PAC | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| RI | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| SB | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| SC | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| SCV | 9 | 0 | 0 | 2 | 4 | 3 | 0 |
| SDG | 8 | 0 | 0 | 0 | 1 | 7 | 0 |
| SF | 3 | 0 | 0 | 0 | 2 | 1 | 0 |
| SFL | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| SJV | 8 | 0 | 0 | 1 | 3 | 4 | 0 |
| SK | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| SNJ | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| STX | 7 | 0 | 0 | 0 | 2 | 5 | 0 |
| SV | 8 | 0 | 0 | 0 | 8 | 0 | 0 |
| TN | 4 | 0 | 0 | 1 | 2 | 1 | 0 |
| UT | 10 | 1 | 1 | 0 | 5 | 2 | 1 |
| VA | 2 | 0 | 0 | 0 | 2 | 0 | 0 |
| WCF | 4 | 0 | 0 | 0 | 0 | 1 | 3 |
| WI | 6 | 0 | 0 | 2 | 1 | 3 | 0 |
| WMA | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| WPA | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| WTX | 3 | 0 | 0 | 0 | 1 | 2 | 0 |
| WV | 3 | 0 | 1 | 0 | 0 | 2 | 0 |
| WWA | 7 | 0 | 0 | 1 | 6 | 0 | 0 |
| WY | 4 | 0 | 1 | 1 | 1 | 1 | 0 |
| Total | 310 | 5 | 26 | 26 | 127 | 112 | 14 |

```
operators and all that came:
AD7XG Gary Bytnar
AE7GT Mary Beth Snyder
    AC7MV David Snyder
                Jesse
                Connor
                Zoey
K7EKM Kirk Mohror
    Lynette
K7KB John Gager
KB7HDX Mark Tharp (MJT)
    K7CEX James Pace
    K7HSQ Phil Pace
KF7QED Jonathan Fazio
KF7QEE Adriana Fazio
        Elijah
        Gabriel
        Jillian
        Alea
        Enoch
        Christina
        Mary
N7CKJ Randy Jones
                Diane Jones
                senior HAM (ACY?)
WA0WWW jay holcomb
WA1PMA Wayne Millican
    WA1VWA Donna
WV7Y Betsy Townsend
    WS7I Jay Townsend
WW7CA Cynthia Frees
    WW7DD Jim Frees
WX7P Wilse Morgan
    AL7LP Gimmie Morgan
AE7KI Gerry Rosam
    xyl Gerry's wife
N2HS Lynn Minor
    KC7VWI Becky Minor
        Becky's dad
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