

Total Contacts = 588
Total Points = 0

Operating Period: 2020/12/17 13:42 - 2020/12/20 19:56

Total Contacts by Band and Mode:

Band CW Phone Dig Total %

160 0 0 1 1 0
80 0 0 8 8 1
40 0 37 128 165 28
20 0 96 318 414 70

Total 0 133 455 588 100

Total Contacts by State \ Prov:

State Total %

229 39 IN 8 1 OR 3 1
FL 38 6 KS 8 1 WV 3 1
TX 29 5 GA 7 1 ME 2 0
PA 18 3 LA 7 1 MT 2 0
TN 17 3 NC 7 1 ND 2 0
AR 16 3 VA 7 1 NH 2 0
AL 15 3 AZ 6 1 ON 2 0
CA 15 3 KY 5 1 BC 1 0
OH 15 3 NY 5 1 CT 1 0
WI 14 2 MS 4 1 MD 1 0
MO 13 2 NE 4 1 NB 1 0
WA 11 2 OK 4 1 NM 1 0
IL 10 2 UT 4 1 QC 1 0
MN 10 2 ID 3 1 SC 1 0
CO 9 2 MA 3 1 WY 1 0
MI 9 2 NJ 3 1
IA 8 1 NV 3 1
Total = 48

Total Contacts by Country:

Country Total %

USA 361 61	Hungary 4 1	Denmark 1 0
Federal Republic of	Slovak Republic 3 1	Ecuador 1 0
Germany 43 7	Slovenia 3 1	Guadeloupe 1 0
France 19 3	Argentina 2 0	Japan 1 0
Netherlands 18 3	Australia 2 0	Kuwait 1 0
England 17 3	Bulgaria 2 0	Lithuania 1 0
Italy 16 3	Canary Is. 2 0	Luxembourg 1 0
European Russia 15 3	Croatia 2 0	Portugal 1 0
Spain 14 2	Czech Republic 2 0	Puerto Rico 1 0
Poland 13 2	Greece 2 0	Romania 1 0
Belgium 9 2	Sweden 2 0	Switzerland 1 0
Canada 8 1	Belarus 1 0	Trinidad & Tobago 1 0
Ukraine 8 1	Brazil 1 0	Wales 1 0
Cuba 5 1	Colombia 1 0	

Total = 40

Total DX Miles (QSOs in USA not counted) = 1,043,628

Average miles per DX QSO = 4,597

Average bearing to the entities worked in each continent.
QSOs in USA not counted.

AF = 74
AS = 179
EU = 42
NA = 93
OC = 277
SA = 148

Total Contacts by Continent:

Continent Total %

NA 376 64
EU 200 34
SA 6 1
AF 2 0
AS 2 0
OC 2 0

Total = 6

Total Contacts by CQ Zone:

CQ Zone Total %

04 206 35	30 2 0
14 125 21	33 2 0
05 116 20	10 1 0
03 47 8	11 1 0
15 44 7	19 1 0
16 23 4	21 1 0
08 7 1	25 1 0
20 5 1	27 1 0
09 2 0	28 1 0
13 2 0	

Total = 19

Total Contacts by County:

County Total %

FL Palm Beach 5 1	OH Montgomery 3 1	CO Larimer 2 0	0
FL Pasco 5 1	1	FL Alachua 2 0	PA Luzerne 2 0
CA Los Angeles 4 1	PA Bucks 3 1	FL Lake 2 0	PA
FL Brevard 4 1	PA Lehigh 3 1	FL Saint Lucie 2 0	Northampton 2 0
MN Hennepin 4 1	TN Williamson 3 1	GA Muscogee 2 0	PA
TX Collin 4 1	TX Dallas 3 1	IL Peoria 2 0	Northumberland 2 0
WA Snohomish 4 1	TX Denton 3 1	IN Hamilton 2 0	TN Hamilton 2 0
AL Madison 3 1	WA King 3 1	0	0
AR Pulaski 3 1	AL Shelby 2 0	KY Calloway 2 0	TN Henderson 2 0
CA Orange 3 1	AR Benton 2 0	LA East Baton Rouge 2 0	TX Johnson 2 0
FL Hillsborough 3 1	AR Craighead 2 0	MI Oakland 2 0	TX
IA Polk 3 1	0	MI Washtenaw 2 0	Montgomery 2 0
IL McLean 3 1	AZ Pima 2 0	MN Dakota 2 0	TX Tarrant 2 0
MO Saint Charles 3 1	CA Contra Costa 2 0	MO Greene 2 0	WI La Crosse 2 0
NV Clark 3 1	CA San Diego 2 0	ND Cass 2 0	0
OH Franklin 3 1	0	OH Wayne 2 0	WI Marinette 2 0
	CA Solano 2 0	OK Tulsa 2 0	0
	CO La Plata 2 0	PA Allegheny 2 0	WI Waukesha 2 0

WV Wood 2 0	0	KS Pawnee 1 0	MO Camden 1 0
AL Baldwin 1 0	FL Indian River	KS Reno 1 0	MO Cape
AL Cullman 1 0	1 0	KS Republic 1 0	Girardeau 1 0
AL Houston 1 0	FL Lee 1 0	KS Sedgwick 1	MO Clay 1 0
AL Jefferson 1 0	FL Lehigh 1 0	0	MO Cole 1 0
AL Lauderdale	FL Manatee 1 0	KS Wabaunsee	MO Jackson 1 0
1 0	FL Marion 1 0	1 0	MO Jefferson 1
AL Lawrence 1	FL Pinellas 1 0	KS Wyandotte	0
0	FL Polk 1 0	1 0	MO Perry 1 0
AL Lee 1 0	FL Santa Rosa 1	KY Clay 1 0	MS Attala 1 0
AL Mobile 1 0	0	KY Henderson	MS Jackson 1 0
AL Morgan 1 0	FL Sarasota 1 0	1 0	MS Lamar 1 0
AL Talladega 1	FL Seminole 1	KY Woodford 1	MS Pearl River
0	0	0	1 0
AR Arkansas 1	FL Walton 1 0	LA Bossier 1 0	MT Gallatin 1 0
0	GA Gwinnett 1	LA Caddo 1 0	MT Lincoln 1 0
AR Columbia 1	0	LA Calcasieu 1	NC Caldwell 1 0
0	GA Pickens 1 0	0	NC Gates 1 0
AR Grant 1 0	GA Polk 1 0	LA Morehouse	NC Lee 1 0
AR Hempstead	GA Toombs 1 0	1 0	NC
1 0	IA Guthrie 1 0	LA Orleans 1 0	Mecklenburg 1
AR	IA Johnson 1 0	MA Barnstable	0
Independence	IA Linn 1 0	1 0	NC
1 0	IA Story 1 0	MA Bristol 1 0	Montgomery 1
AR Izard 1 0	IA Webster 1 0	MA Middlesex	0
AR Pope 1 0	ID Jefferson 1 0	1 0	NC Person 1 0
AZ Apache 1 0	ID Twin Falls 1	MD Howard 1 0	NC Rowan 1 0
AZ Maricopa 1	0	ME	NE Adams 1 0
0	ID Valley 1 0	Androscoggin 1	NE Douglas 1 0
AZ Mohave 1 0	IL DuPage 1 0	0	NE Lancaster 1
AZ Yavapai 1 0	IL Franklin 1 0	ME Penobscot	0
CA Santa Clara	IL Henry 1 0	1 0	NE Sarpy 1 0
1 0	IL Saint Clair 1	MI Bay 1 0	NH Cheshire 1
CA Sonoma 1 0	0	MI Calhoun 1 0	0
CO Adams 1 0	IL Williamson 1	MI Livingston 1	NH
CO El Paso 1 0	0	0	Hillsborough 1
CO Jefferson 1	IN Allen 1 0	MI Saint Clair 1	0
0	IN Grant 1 0	0	NJ Cape May 1
CO Mesa 1 0	IN Hendricks 1	MI Wayne 1 0	0
CO Pueblo 1 0	0	MN Anoka 1 0	NJ Mercer 1 0
CT Fairfield 1 0	IN Lake 1 0	MN Crow Wing	NJ Warren 1 0
FL Broward 1 0	IN Madison 1 0	1 0	NM Valencia 1
FL Charlotte 1	IN Steuben 1 0	MN Ramsey 1 0	0
0	KS Greenwood	MN Sherburne	NY Erie 1 0
FL Duval 1 0	1 0	1 0	NY Genesee 1 0
FL Escambia 1	KS Jackson 1 0	MO Boone 1 0	NY Monroe 1 0

NY Ontario 1 0	Montgomery 1	TX Jack 1 0	1 0
NY Warren 1 0	0	TX Polk 1 0	WA Chelan 1 0
OH Butler 1 0	PA	TX Smith 1 0	WA Clark 1 0
OH Hamilton 1	Westmoreland	TX Van Zandt 1	WA Jefferson 1
0	1 0	0	0
OH Lake 1 0	SC Horry 1 0	TX Williamson	WA Mason 1 0
OH Ross 1 0	TN Carter 1 0	1 0	WI Chippewa 1
OH Summit 1 0	TN Cheatham 1	TX Zapata 1 0	0
OH Trumbull 1	0	UT Box Elder 1	WI Dane 1 0
0	TN Clay 1 0	0	WI Dunn 1 0
OH Tuscarawas	TN Dickson 1 0	UT Davis 1 0	WI Portage 1 0
1 0	TN Dyer 1 0	UT Iron 1 0	WI Sheboygan
OK McCurtain 1	TN Henry 1 0	UT Salt Lake 1	1 0
0	TN Madison 1 0	0	WI Washington
OK Okfuskee 1	TN Morgan 1 0	VA Fairfax 1 0	1 0
0	TN Sevier 1 0	VA Fauquier 1	WI Winnebago
OR Clatsop 1 0	TN Tipton 1 0	0	1 0
OR Hood River	TX Bastrop 1 0	VA King and	WI Wood 1 0
1 0	TX Bexar 1 0	Queen 1 0	WV Ritchie 1 0
OR Linn 1 0	TX Ellis 1 0	VA Louisa 1 0	WY Laramie 1
PA Carbon 1 0	TX Grayson 1 0	VA Pittsylvania	0
PA Lawrence 1	TX Gregg 1 0	1 0	
0	TX Harris 1 0	VA Russell 1 0	
PA	TX Hill 1 0	VA Suffolk City	

Total = 260

Total Contacts by Operator:

Operator Total %

K3ABE 400 68

NS3L 112 19

KC3OJA 39 7

KE3AW 23 4

AB3TY 14 2

Total = 5