

# Night Allocation Protection Report

Call: KPHX  
 Freq: 1480 kHz  
 PHOENIX, AZ, US  
 Hours: N  
 Lat: 33-23-21 N  
 Lng: 111-59-53 W  
 Power: 0.32 kW  
 Theo RMS: 182.37 mV/m @ 1km @ 0.32 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	227.5	0	0	0.0	0.0	0.0	0.0
2	0.604	-223.6	40.0	218.0	55.1	0	0	0.0	0.0	0.0	0.0

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
XEMCA/O	MX	BN	CD.MORELOS	180.31	3.923	108.78	107.79	0.99
50% = 8.256, 25% = 9.63; KVNRR=7.26 KYOS=3.92 XE/A=3.34 KGOE=2.72 KPHX=2.45								
KGOE	US	CA	EUREKA	27.48	0.978	177.89	176.81	1.08
50% = 2.586, 25% = 3.926; KYOS=1.68 KSYC=1.40 KBLF=1.38 KSKR=1.20 KBXD=1.19 KIID=1.16 KZNB=1.12 KVNRR=1.10 KJNT=1.05 KPHX=0.98								
KYOS	US	CA	MERCED	56.05	1.785	159.22	150.79	8.43
50% = 6.629, 25% = 7.139; KGOE=6.63 KVNRR=2.65								
KQAM	US	KS	WICHITA	25.17	1.372	272.48	262.94	9.54
50% = 4.726, 25% = 5.544; KLMS=2.97 WPFR=2.90 KCZZ=2.26 WSPY=1.56 KLVL=1.49 KPHX=1.37 KMFS=1.36								
KYOS	US	CA	MERCED	55.44	1.805	162.78	151.94	10.84
50% = 6.734, 25% = 7.219; KGOE=6.73 KVNRR=2.60								
KVNRR	US	CA	SANTA ANA	108.43	2.127	98.08	84.12	13.96
50% = 4.831, 25% = 5.925; KGOE=3.03 XERCN/A=2.84 KYOS=2.47 KPHX=2.13 KQAM=1.93 XE/A=1.88								
KLMS	US	NE	LINCOLN	19.54	1.374	351.47	271.31	80.16
50% = 3.797, 25% = 5.049; WPFR=2.63 KCZZ=1.94 KQAM=1.93 WLMV=1.44 KAUS=1.42 KPHX=1.37 KBXD=1.34 KTOP=1.33 KKAN=1.24								
XE/A	MX	SO	HERMOSILLO	125.95	3.262	129.48	48.12	81.36
50% = 6.334, 25% = 7.183; KVNRR=5.43 KPHX=3.26 XEGX/A=2.07 XEIP/A=1.93 KQAM=1.86								
XEHM1/O	MX	CH	CD.DELICIAS	80.54	3.595	223.21	141.83	81.38
50% = 7.191, 25% = 9.749; KBXD=4.42 XEGX/A=4.35 XEIP/A=3.65 XE/A=3.35 XEMC/A=3.22 XETKR/A=3.11 XE/A=2.53 XEXU/A=2.38								
XENS1/O	MX	SO	NAVOJOA	92.97	3.207	172.46	86.93	85.54
50% = 6.57, 25% = 8.344; XE/A=4.31 KVNRR=3.78 XEGX/A=3.21 XEIP/A=3.07 XEMC/A=2.48 KBXD=2.33 KPHX=2.32								
KBXD	US	TX	DALLAS	25.94	2.049	394.97	237.89	157.08
50% = 7.685, 25% = 8.195; KQAM=6.05 KLVL=4.74 KCZZ=2.85								

KBMS	US WA VANCOUVER	18.34	1.498	408.41	211.59	196.82
50% = 5.728, 25% = 5.992; KGOE=5.73 KYOS=1.76						
KJNT	US WY ETNA	38.74	3.595	463.98	252.22	211.76
50% = 6.794, 25% = 7.995; KPHX=3.59 KYOS=3.50 KVN=3.25 KBXD=3.22 KLMS=3.03						
KGOE=2.10 KBMS=2.04						
KAUS	US MN AUSTIN	11.83	1.301	549.71	273.93	275.78
50% = 4.024, 25% = 5.202; WMBD=2.81 WLMV=2.08 KLMS=1.99 WSPY=1.98 KAIR=1.62						
WHBC=1.61 WLFN=1.32						
KLVL	US TX PASADENA	20.94	2.298	548.62	222.84	325.78
50% = 6.034, 25% = 9.465; KBXD=4.11 WPFR=3.19 KQAM=3.05 XEGX/A=2.86 KCZZ=2.84						
WABF=2.77 XETKR/A=2.59 XEVCRA=2.45 XE/A=2.39 WVOI=2.36 XEPR/A=2.30						
XEXU/A	MX CO CIUDAD FRONTERA	42.60	4.528	531.45	175.48	355.97
50% = 9.056, 25% = 13.027; XEGX/A=6.13 XEIP/A=4.86 XEMCA=4.55 XE/A=4.17						
XETKR/A=4.16 XEVCRA=3.82 XEPR/A=3.74 XEXCA=3.62 XE/A=3.36						
XEXU/A	MX CI VILLA FRONTERA	42.55	4.534	532.80	175.36	357.45
50% = 9.069, 25% = 13.049; XEGX/A=6.14 XEIP/A=4.87 XEMCA=4.56 XE/A=4.18						
XETKR/A=4.17 XEVCRA=3.83 XEPR/A=3.75 XEXCA=3.63 XE/A=3.37						
WPFR	US IN TERRE HAUTE	9.57	1.236	645.46	264.99	380.47
50% = 3.437, 25% = 5.011; WMBD=3.03 WDJ=1.62 WHBC=1.61 WRSW=1.53 WLMV=1.36						
WGVU=1.33 KFTK=1.28 WSDS=1.26 WKYW=1.24						
KCZZ	US KS MISSION	18.27	2.383	652.30	266.69	385.61
50% = 7.453, 25% = 9.532; KLMS=5.72 WPFR=4.78 KAUS=3.45 KBXD=3.07 KQAM=2.76						
WSPY=2.53						
NEW MONONA	US WI MONONA	9.39	1.594	848.26	271.89	576.37
50% = 5.536, 25% = 6.375; WMBD=4.60 WHBC=3.07 WRSW=2.05 WGVU=1.74 WSDS=1.66						
WLMV	US WI MADISON	9.39	1.594	848.26	271.89	576.37
50% = 5.536, 25% = 6.375; WMBD=4.60 WHBC=3.07 WRSW=2.05 WGVU=1.74 WSDS=1.66						
WSPY	US IL GENEVA	9.21	1.694	919.32	269.86	649.45
50% = 5.862, 25% = 6.775; WMBD=3.99 WPFR=3.24 WLMV=2.81 WGVU=2.11 WHBC=1.93						
WDJO=1.84						
WHBC	US OH CANTON	5.84	1.103	944.58	266.08	678.50
50% = 2.962, 25% = 4.414; WCNS=1.52 WLOA=1.50 WSDS=1.49 WMDD=1.42 WBKE=1.34						
WNTJ=1.29 WABJ=1.21 WMOA=1.21 WGFY=1.21 WSGB=1.21 WSWW=1.17						
WDJO	US OH CINCINNATI	7.73	1.466	949.02	263.71	685.31
50% = 4.733, 25% = 5.866; WPFR=3.49 WHBC=2.31 WSDS=2.21 WSPY=2.03 WRSW=1.71						
WCNS=1.59 WGVU=1.56						
XETKR/A	MX NL GUADALUPE	30.39	5.250	863.80	176.82	686.98
50% = 11.643, 25% = 15.355; XEGX/A=6.95 XEIP/A=5.61 XEMCA=5.31 XE/A=5.25						
XEVCRA=4.95 XEPR/A=4.62 XEXCA=4.49 XE/A=4.16 XEOU/A=4.11						
XETKR/O	MX NL GUADALUPE	30.39	5.250	863.80	176.82	686.98
50% = 11.643, 25% = 15.355; XEGX/A=6.95 XEIP/A=5.61 XEMCA=5.31 XE/A=5.25						
XEVCRA=4.95 XEPR/A=4.62 XEXCA=4.49 XE/A=4.16 XEOU/A=4.11						
XETKR/O	MX NL GUADALUPE	30.39	5.250	863.80	176.82	686.98

50% = 11.643, 25% = 15.355; XEGX/A=6.95 XEIP/A=5.61 XEMC/A=5.31 XE/A=5.25  
 XEVCRA=4.95 XEPR/A=4.62 XEXC/A=4.49 XE/A=4.16 XEOU/A=4.11

WGFY US NC CHARLOTTE 6.50 1.484 1142.57 254.47 888.10  
 50% = 4.749, 25% = 6.053; WHBC=3.45 WDJO=3.26 WMDD=2.24 WCNS=1.91 WPFR=1.79  
 WWBG=1.48

WGFY US NC CHARLOTTE 6.50 1.484 1142.57 254.47 888.10  
 50% = 4.749, 25% = 6.053; WHBC=3.45 WDJO=3.26 WMDD=2.24 WCNS=1.91 WPFR=1.79  
 WWBG=1.48

WCNS US PA LATROBE 5.13 1.203 1171.83 265.03 906.80  
 50% = 3.217, 25% = 4.947; 1480CKDX/ =2.15 WZRC=1.80 WMDD=1.57 WDJO=1.52  
 WSDS=1.42 WDAS=1.41 WMOA=1.28 WOHI=1.28 WSGB=1.26 WHBC=1.22 WNDA=1.20

WABF US AL MOBILE 11.42 2.668 1168.21 236.87 931.34  
 50% = 8.121, 25% = 10.671; WPFR=6.79 KLVN=4.46 KBXD=3.86 KCZZ=3.85 WVOI=3.02  
 WDJO=3.01

WTOX US VA GLEN ALLEN 4.90 1.292 1319.66 260.15 1059.51  
 50% = 4.076, 25% = 5.262; WZRC=2.51 WHBC=2.45 WMDD=2.08 WCNS=1.82 WDAS=1.52  
 WDJO=1.43 WGFY=1.32 WLOE=1.29

WDAS US PA PHILADELPHIA 3.88 1.113 1432.88 264.33 1168.55  
 50% = 3.154, 25% = 4.452; WZRC=2.05 WMDD=1.82 WHBC=1.56 WSAR=1.43 WDLC=1.38  
 WSAN=1.33 WCNS=1.23 WKNY=1.16 WNDA=1.15

WRSW US IN WARSAW 7.90 2.400 1518.59 267.92 1250.67  
 50% = 9.114, 25% = 9.601; WPFR=9.11 WGVU=3.02

WPWC US VA DUMFRIES-TRIANG 4.70 1.441 1531.63 261.86 1269.77  
 50% = 4.317, 25% = 5.764; WZRC=3.41 WCNS=2.64 WHBC=2.09 WGFY=2.07 WMDD=1.93  
 WDAS=1.48

WZRC US NY NEW YORK 3.47 1.106 1592.16 265.60 1326.55  
 50% = 2.926, 25% = 4.424; WDAS=1.84 WMDD=1.74 WSAN=1.47 WSAR=1.39 WHBC=1.35  
 WCSS=1.23 WCDO=1.22 WBCB=1.21 WMRC=1.18 WKVT=1.18

KKTY US WY DOUGLAS 32.43 1.101 1697.28 269.07 1428.21  
 50% = 3.208, 25% = 4.403; XERCN/A=3.21 WMBD=1.49 KAIR=1.27 XESM/A=1.21  
 KMNQ=1.16 KIID=1.12 KELA=1.10

1480CKER/ CA AB Edmonton 7.71 2.735 1773.62 252.76 1520.86  
 50% = 5.469, 25% = 5.469; KBMS=5.47

XEVIC/O MX TA CD.VICTORIA 19.15 6.506 1699.05 173.39 1525.66  
 50% = 14.122, 25% = 19.733; XEGX/A=8.28 XE/A=6.73 XEIP/A=6.57 XEVCRA=6.51  
 XEMC/A=6.30 XEXC/A=5.73 XEPR/A=5.70 XEOU/A=5.63 XE/A=5.50 KBXD=4.79

WSAR US MA FALL RIVER 2.77 1.082 1950.47 266.76 1683.71  
 50% = 2.959, 25% = 4.363; WZRC=2.03 WMDD=1.69 WKVT=1.34 WEMJ=1.28 WKNY=1.14  
 WBAE=1.13 WSAN=1.12 WHBC=1.10 WAZN=1.10 WCSS=1.09 WCCM=1.08

WSAR US MA FALL RIVER 2.77 1.082 1950.47 266.76 1683.71  
 50% = 2.959, 25% = 4.363; WZRC=2.03 WMDD=1.69 WKVT=1.34 WEMJ=1.28 WKNY=1.14  
 WBAE=1.13 WSAN=1.12 WHBC=1.10 WAZN=1.10 WCSS=1.09 WCCM=1.08

XEZJ/O MX JA GUADALAJARA 19.27 7.270 1886.11 140.39 1745.71  
 50% = 14.539, 25% = 20.294; XEIP/A=9.24 XEGX/A=8.32 XEMC/A=7.54 XE/A=7.04

XE/A=6.64 XEXC/A=6.32 XEVCR/A=5.90 XEOU/A=5.65

XEZJ/O MX JA GUADALAJARA 18.97 7.347 1936.41 140.88 1795.53  
50% = 14.693, 25% = 20.493; XEIP/A=9.37 XEGX/A=8.38 XEMC/A=7.60 XE/A=7.09  
XE/A=6.71 XEXC/A=6.38 XEVCR/A=5.97 XEOU/A=5.71

XEZJ/O MX JA SAN MIGUEL 18.97 7.347 1936.41 140.88 1795.53  
50% = 14.693, 25% = 20.493; XEIP/A=9.37 XEGX/A=8.38 XEMC/A=7.60 XE/A=7.09  
XE/A=6.71 XEXC/A=6.38 XEVCR/A=5.97 XEOU/A=5.71

XEZJ1/O MX JA GUADALAJARA 18.71 7.393 1975.24 140.96 1834.28  
50% = 14.787, 25% = 20.62; XEIP/A=9.46 XEGX/A=8.40 XEMC/A=7.66 XE/A=7.13  
XE/A=6.75 XEXC/A=6.42 XEVCR/A=6.00 XEOU/A=5.74

XEGX/A MX GT SAN LUIS DE LA 15.68 7.554 2409.26 156.90 2252.36  
50% = 15.108, 25% = 21.585; XEMC/A=9.44 XEIP/A=8.64 XE/A=8.03 XEVCR/A=7.27  
XEXC/A=7.25 XE/A=7.20 XEOU/A=6.67 XEPR/A=5.99

XEIP/A MX MC URUPAN 13.54 7.723 2851.07 144.14 2706.93  
50% = 16.738, 25% = 21.335; XEMC/A=8.68 XEGX/A=8.60 XE/A=8.43 XE/A=7.72  
XEXC/A=7.56 XEVCR/A=6.82 XEOU/A=6.65 XEPR/A=5.20

WVOI US FL MARCO ISLAND 6.80 4.025 2957.34 226.98 2730.36  
50% = 14.737, 25% = 16.099; WABF=14.74 WGFY=5.00 WMDD=4.13

XEMC/A MX GT SALVATIERRA 13.77 8.199 2977.53 151.90 2825.63  
50% = 16.399, 25% = 23.153; XEGX/A=10.30 XEIP/A=9.61 XE/A=8.40 XE/A=8.07  
XEXC/A=7.91 XEVCR/A=7.45 XEOU/A=7.06 XEPR/A=5.84

KIID US CA SACRAMENTO 43.78 2.795 3192.60 164.68 3027.91  
50% = 9.611, 25% = 11.181; XERCN/A=9.61 KUTY=3.93 KELA=2.97 KBSN=2.89

WSDS US MI SALEM TOWNSHIP 6.39 4.226 3306.68 269.02 3037.66  
50% = 16.335, 25% = 16.905; WHBC=13.89 WRSW=8.60 WPFR=4.35

KUTY US CA PALMDALE 102.88 6.908 3357.32 101.59 3255.73  
50% = 27.631, 25% = 27.631; XERCN/A=27.63

WGVU US MI KENTWOOD 7.17 5.679 3958.12 270.40 3687.72  
50% = 19.035, 25% = 22.717; WRSW=12.07 WHBC=11.41 WSDS=9.31 WSPY=9.20  
WPFR=8.31

XEPR/A MX VC POZA RICA 9.91 7.976 4024.32 168.59 3855.73  
50% = 17.258, 25% = 22.96; XEVCR/A=9.33 XE/A=9.10 XEGX/A=8.02 XEOU/A=7.98  
XEXC/A=7.25 XEIP/A=6.93 XE/A=6.91 XEMC/A=6.72 XE/A=5.97

XE/A MX GR TECPAN 8.73 7.544 4321.28 145.29 4175.99  
50% = 16.173, 25% = 19.723; XEIP/A=8.47 XEXC/A=8.35 XEOU/A=7.95 XEVCR/A=7.54  
XEGX/A=7.19 XEMC/A=6.97 XEPR/A=5.21

WMBD US IL PEORIA 10.86 0.970 4467.55 267.96 4199.59  
50% = 2.696, 25% = 3.97; WWBG=1.39 XESM/A=1.35 KLCL=1.33 KMNQ=1.32 WWNN=1.29  
WFNT=1.19 XERCN/A=1.13 WCLA=1.05 WNAU=1.04 WSAU=1.01 WMGG=0.97

KAIR US KS ATCHISON 18.22 1.635 4487.33 268.23 4219.10  
50% = 5.203, 25% = 6.541; KXNO=3.85 WMBD=3.50 KMNQ=2.04 XERCN/A=1.77  
KKTY=1.68 XESM/A=1.67 KLCL=1.67

KELA US WA CENTRALIA-CHEHA 15.95 1.426 4470.07 215.22 4254.84

50% = 5.503, 25% = 5.704; KUTI=3.73 KBMS=2.99 XERCN/A=2.72 CJVB/ =1.50

XEXC/A MX GR TAXCO 9.55 8.653 4532.66 152.97 4379.69  
50% = 18.595, 25% = 24.181; XE/A=10.25 XE/A=9.37 XEOU/A=8.84 XEVCR/A=8.65  
XEIP/A=8.56 XEGX/A=8.18 XEMC/A=7.85 XEPR/A=6.09

XE/A MX PU ATLIACO 9.04 8.361 4622.82 158.84 4463.98  
50% = 16.721, 25% = 22.347; XEVCR/A=10.01 XEOU/A=9.79 XEXC/A=9.15 XEGX/A=7.98  
XEIP/A=7.72 XEMC/A=7.27 XEPR/A=6.60

XEVCR/A MX VC RIO BLANCO 8.06 7.647 4746.75 163.74 4583.01  
50% = 16.099, 25% = 23.284; XEOU/A=10.02 XE/A=10.01 XEXC/A=7.65 XE/A=7.51  
XEGX/A=7.22 XEIP/A=6.83 XEPR/A=6.73 XE/A=6.50 XEMC/A=6.34

KLCL US LA LAKE CHARLES 17.72 1.804 5090.37 229.32 4861.05  
50% = 5.314, 25% = 7.215; XESM/A=4.70 XEHI/A=2.48 WNAU=2.10 XEREC/A=2.06  
XEIRG/A=2.04 WMGG=1.96 XEYA/A=1.94 XEBAL1/A=1.85

XE/A MX CS PALENQUE 4.74 4.856 5122.95 177.41 4945.55  
50% = 10.007, 25% = 13.588; XEVCR/A=6.50 XEOU/A=5.85 WABF=4.86 XEPR/A=4.51  
XEXC/A=4.33 XEQUB/A=3.95 XECCQ/A=3.92 XEGX/A=3.80

WMDD US PR FAJARDO 2.76 2.910 5266.60 226.28 5040.31  
50% = 10.678, 25% = 11.639; HIAH-C=9.39 HJTZ-A=5.08 WGFY=3.57 WZRC=2.95

TGBH-D (0) GT HORIZONTES 1.76 2.271 6466.79P 182.37 6284.42  
50% = 5.066, 25% = 6.231; XE/A=3.84 WABF=2.40 XEVCR/A=2.27 XEOU/A=1.97  
XE/A=1.92 XECCQ/A=1.77 XEPR/A=1.57

TGBH-D (5) GT HORIZONTES 1.72 2.249 6544.69P 183.22 6361.46  
50% = 4.498, 25% = 6.122; XE/A=3.76 WABF=2.47 XEVCR/A=2.18 XEOU/A=1.90  
XE/A=1.83 XECCQ/A=1.81 XEPR/A=1.51

TGBH-D (10) GT HORIZONTES 1.68 2.210 6581.42S 183.97 6397.45  
50% = 4.42, 25% = 5.983; XE/A=3.63 WABF=2.53 XEVCR/A=2.09 XECCQ/A=1.84  
XEOU/A=1.83 XE/A=1.74 XEPR/A=1.46

TGBH-D (15) GT HORIZONTES 1.64 2.167 6612.29S 184.58 6427.72  
50% = 4.333, 25% = 5.666; XE/A=3.50 WABF=2.56 XEVCR/A=2.01 XECCQ/A=1.87  
XEOU/A=1.75 XE/A=1.66

TGBH-D (20) GT HORIZONTES 1.60 2.138 6695.09S 185.08 6510.01  
50% = 4.277, 25% = 5.555; XE/A=3.42 WABF=2.56 XEVCR/A=1.94 XECCQ/A=1.88  
XEOU/A=1.67 XE/A=1.58

TGBH-D (25) GT HORIZONTES 1.56 2.096 6740.80S 185.48 6555.32  
50% = 4.193, 25% = 5.419; XE/A=3.33 WABF=2.55 XECCQ/A=1.89 XEVCR/A=1.85  
XEOU/A=1.59 XE/A=1.51

TGBH-D (30) GT HORIZONTES 1.52 2.052 6768.04S 185.76 6582.28  
50% = 4.103, 25% = 5.281; XE/A=3.24 WABF=2.52 XECCQ/A=1.89 XEVCR/A=1.77  
XEOU/A=1.52 XE/A=1.43

TGBH-D (35) GT HORIZONTES 1.48 2.001 6774.75S 185.94 6588.81  
50% = 4.002, 25% = 5.138; XE/A=3.15 WABF=2.47 XECCQ/A=1.88 XEVCR/A=1.69  
XEOU/A=1.46 XE/A=1.37

TGBH-D (40) GT HORIZONTES 1.44 1.950 6776.67S 186.02 6590.65  
50% = 3.9, 25% = 4.995; XE/A=3.07 WABF=2.41 XECCQ/A=1.86 XEVCR/A=1.61  
XEOU/A=1.39 XE/A=1.31

TGBH-D (45) GT HORIZONTES 1.41 1.885 6705.37P 185.34 6520.03  
50% = 3.769, 25% = 4.839; XE/A=3.02 WABF=2.26 XECCQ/A=1.81 XEVCR/A=1.57  
XEOU/A=1.36 XE/A=1.27

TGBH-D (50) GT HORIZONTES 1.39 1.798 6487.23P 181.99 6305.24  
50% = 3.596, 25% = 4.711; XE/A=3.08 WABF=1.86 XECCQ/A=1.67 XEVCR/A=1.62  
XEOU/A=1.44 XE/A=1.33

TGBH-D (55) GT HORIZONTES 1.36 1.759 6462.50P 182.33 6280.17

50% = 3.517, 25% = 4.591; XE/A=3.00 WABF=1.84 XECCQ/A=1.67 XEVCR/A=1.56  
 XEOU/A=1.38 XE/A=1.26

TGBH-D (60) GT HORIZONTES 1.32 1.717 6500.06P 184.02 6316.04  
 50% = 3.434, 25% = 4.429; XE/A=2.85 WABF=1.92 XECCQ/A=1.70 XEVCR/A=1.43  
 XEOU/A=1.26 XE/A=1.14

TGBH-D (65) GT HORIZONTES 1.28 1.694 6628.51S 184.92 6443.58  
 50% = 3.735, 25% = 4.261; XE/A=2.73 WABF=1.90 XECCQ/A=1.69 XEVCR/A=1.33  
 XEOU/A=1.16 XE/A=1.05

TGBH-D (70) GT HORIZONTES 1.25 1.650 6609.41S 184.44 6424.97  
 50% = 3.622, 25% = 4.127; XE/A=2.68 WABF=1.79 XECCQ/A=1.65 XEVCR/A=1.28  
 XEOU/A=1.12 XE/A=1.02

TGBH-D (75) GT HORIZONTES 1.22 1.603 6554.58S 183.88 6370.70  
 50% = 3.513, 25% = 4.0; XE/A=2.63 WABF=1.69 XECCQ/A=1.60 XEVCR/A=1.23  
 XEOU/A=1.09 XE/A=0.98

TGBH-D (80) GT HORIZONTES 1.20 1.552 6461.54S 183.25 6278.29  
 50% = 3.41, 25% = 3.883; XE/A=2.59 WABF=1.59 XECCQ/A=1.55 XEVCR/A=1.19  
 XEOU/A=1.06 XE/A=0.95

TGBH-D (85) GT HORIZONTES 1.18 1.498 6343.87S 182.55 6161.32  
 50% = 3.312, 25% = 3.781; XE/A=2.54 WABF=1.50 XECCQ/A=1.50 XEVCR/A=1.16  
 XEOU/A=1.04 HJTZ-A=0.95

TGBH-D (90) GT HORIZONTES 1.16 1.435 6172.93S 181.80 5991.13  
 50% = 2.883, 25% = 3.688; XE/A=2.50 XECCQ/A=1.43 WABF=1.42 XEVCR/A=1.13  
 XEOU/A=1.02 HJTZ-A=0.98

TGBH-D (95) GT HORIZONTES 1.15 1.376 6008.88S 180.99 5827.90  
 50% = 2.82, 25% = 3.604; XE/A=2.46 XECCQ/A=1.38 WABF=1.34 XEVCR/A=1.11  
 HJTZ-A=1.00 XEOU/A=1.00

TGBH-D (100) GT HORIZONTES 1.13 1.321 5849.98S 180.13 5669.85  
 50% = 2.76, 25% = 3.635; XE/A=2.42 XECCQ/A=1.32 WABF=1.27 XEVCR/A=1.09  
 HJTZ-A=1.02 XEOU/A=0.99 XEQUB/A=0.88

TGBH-D (105) GT HORIZONTES 1.12 1.272 5704.00S 179.23 5524.78  
 50% = 2.705, 25% = 3.565; XE/A=2.39 XECCQ/A=1.27 WABF=1.20 XEVCR/A=1.07  
 HJTZ-A=1.04 XEOU/A=0.98 XEQUB/A=0.88

TGBH-D (110) GT HORIZONTES 1.10 1.219 5525.68S 178.29 5347.39  
 50% = 2.65, 25% = 3.497; XE/A=2.35 XECCQ/A=1.22 WABF=1.13 XEVCR/A=1.06  
 HJTZ-A=1.04 XEOU/A=0.97 XEQUB/A=0.87

TGBH-D (115) GT HORIZONTES 1.09 1.164 5327.74S 177.32 5150.42  
 50% = 2.599, 25% = 3.436; XE/A=2.32 XECCQ/A=1.16 WABF=1.08 XEVCR/A=1.05  
 HJTZ-A=1.04 XEOU/A=0.97 XEQUB/A=0.87

TGBH-D (120) GT HORIZONTES 1.08 1.146 5284.76S 176.32 5108.44  
 50% = 2.293, 25% = 3.378; XE/A=2.29 XECCQ/A=1.11 XEVCR/A=1.04 HJTZ-A=1.03  
 WABF=1.02 XEOU/A=0.97 XEQUB/A=0.87

TGBH-D (125) GT HORIZONTES 1.17 1.266 5423.06P 174.57 5248.49  
 50% = 2.533, 25% = 3.737; XE/A=2.53 XEVCR/A=1.27 XEOU/A=1.18 XECCQ/A=1.15  
 WABF=1.05 XE/A=1.03 XEQUB/A=1.02

TGBH-D (130) GT HORIZONTES 1.21 1.389 5741.33P 173.60 5567.74  
 50% = 2.98, 25% = 3.946; XE/A=2.64 XEVCR/A=1.39 XEOU/A=1.30 XECCQ/A=1.16  
 XE/A=1.14 XEQUB/A=1.10 WABF=1.06

TGBH-D (135) GT HORIZONTES 1.23 1.440 5868.27P 172.98 5695.29  
 50% = 3.036, 25% = 4.024; XE/A=2.67 XEVCR/A=1.44 XEOU/A=1.35 XE/A=1.18  
 XECCQ/A=1.15 XEQUB/A=1.14 WABF=1.06

TGBH-D (140) GT HORIZONTES 1.24 1.475 5954.13P 172.47 5781.67  
 50% = 3.072, 25% = 4.074; XE/A=2.70 XEVCR/A=1.47 XEOU/A=1.39 XE/A=1.22  
 XEQUB/A=1.16 XECCQ/A=1.14 WABF=1.04

TGBH-D (145) GT HORIZONTES 1.26 1.533 6080.18P 172.07 5908.11  
 50% = 3.142, 25% = 4.174; XE/A=2.74 XEVCR/A=1.53 XEOU/A=1.45 XE/A=1.28  
 XEQUB/A=1.19 XECCQ/A=1.15 WABF=1.05

TGBH-D (150) GT HORIZONTES 1.28 1.593 6198.63P 171.80 6026.83  
 50% = 3.212, 25% = 4.278; XE/A=2.79 XEVCR/A=1.59 XEOU/A=1.50 XE/A=1.33  
 XEQUB/A=1.22 XECCQ/A=1.15 XE/A=1.06

TGBH-D (155)	GT	HORIZONTES	1.30	1.634	6271.58P	171.60	6099.98
50% = 3.268, 25% = 4.362; XE/A=2.83 XEVCR/A=1.64 XEOU/A=1.55 XE/A=1.37							
XEQUB/A=1.24 XECCQ/A=1.16 XE/A=1.09							
TGBH-D (160)	GT	HORIZONTES	1.32	1.655	6285.19P	171.45	6113.75
50% = 3.311, 25% = 4.428; XE/A=2.86 XEVCR/A=1.67 XEOU/A=1.58 XE/A=1.40							
XEQUB/A=1.26 XECCQ/A=1.16 XE/A=1.12							
TGBH-D (165)	GT	HORIZONTES	1.33	1.673	6296.08P	171.32	6124.77
50% = 3.346, 25% = 4.483; XE/A=2.88 XEVCR/A=1.70 XEOU/A=1.61 XE/A=1.42							
XEQUB/A=1.27 XECCQ/A=1.16 XE/A=1.14							
TGBH-D (170)	GT	HORIZONTES	1.34	1.686	6303.70P	171.21	6132.48
50% = 3.373, 25% = 4.527; XE/A=2.90 XEVCR/A=1.73 XEOU/A=1.63 XE/A=1.45							
XEQUB/A=1.29 XECCQ/A=1.17 XE/A=1.16							
TGBH-D (175)	GT	HORIZONTES	1.35	1.701	6320.91P	171.12	6149.80
50% = 3.402, 25% = 4.57; XE/A=2.92 XEVCR/A=1.75 XEOU/A=1.66 XE/A=1.46							
XEQUB/A=1.29 XE/A=1.18 XECCQ/A=1.17							
TGBH-D (180)	GT	HORIZONTES	1.35	1.714	6334.58P	171.04	6163.54
50% = 3.427, 25% = 4.608; XE/A=2.93 XEVCR/A=1.77 XEOU/A=1.67 XE/A=1.48							
XEQUB/A=1.30 XE/A=1.19 XECCQ/A=1.17							
TGBH-D (185)	GT	HORIZONTES	1.36	1.722	6341.54P	170.92	6170.62
50% = 3.444, 25% = 4.635; XE/A=2.94 XEVCR/A=1.79 XEOU/A=1.69 XE/A=1.50							
XEQUB/A=1.31 XE/A=1.20 XECCQ/A=1.17							
TGBH-D (190)	GT	HORIZONTES	1.36	1.728	6344.40P	170.76	6173.64
50% = 3.456, 25% = 4.656; XE/A=2.95 XEVCR/A=1.80 XEOU/A=1.70 XE/A=1.51							
XEQUB/A=1.31 XE/A=1.22 XECCQ/A=1.16							
TGBH-D (195)	GT	HORIZONTES	1.37	1.734	6347.75P	170.60	6177.16
50% = 3.468, 25% = 4.681; XE/A=2.96 XEVCR/A=1.81 XEOU/A=1.72 XE/A=1.52							
XEQUB/A=1.32 XE/A=1.23 XEXC/A=1.17							
TGBH-D (200)	GT	HORIZONTES	1.37	1.740	6350.10P	170.42	6179.68
50% = 3.481, 25% = 4.708; XE/A=2.96 XEVCR/A=1.83 XEOU/A=1.73 XE/A=1.53							
XEQUB/A=1.33 XE/A=1.24 XEXC/A=1.18							
TGBH-D (205)	GT	HORIZONTES	1.37	1.748	6355.54P	170.24	6185.29
50% = 3.906, 25% = 4.736; XE/A=2.97 XEVCR/A=1.84 XEOU/A=1.75 XE/A=1.55							
XEQUB/A=1.33 XE/A=1.26 XEXC/A=1.19							
TGBH-D (210)	GT	HORIZONTES	1.38	1.765	6394.08P	170.04	6224.03
50% = 3.926, 25% = 4.767; XE/A=2.98 XEVCR/A=1.86 XEOU/A=1.76 XE/A=1.56							
XEQUB/A=1.34 XE/A=1.28 XEXC/A=1.20							
TGBH-D (215)	GT	HORIZONTES	1.39	1.784	6436.97P	169.83	6267.14
50% = 3.946, 25% = 4.799; XE/A=2.98 XEVCR/A=1.88 XEOU/A=1.78 XE/A=1.58							
XEQUB/A=1.35 XE/A=1.29 XEXC/A=1.21							
TGBH-D (220)	GT	HORIZONTES	1.39	1.805	6482.98P	169.58	6313.41
50% = 3.971, 25% = 4.837; XE/A=2.99 XEVCR/A=1.90 XEOU/A=1.80 XE/A=1.60							
XEQUB/A=1.36 XE/A=1.31 XEXC/A=1.23							
TGBH-D (225)	GT	HORIZONTES	1.40	1.825	6523.07P	169.29	6353.77
50% = 3.997, 25% = 4.878; XE/A=2.99 XEVCR/A=1.92 XEOU/A=1.83 XE/A=1.62							
XEQUB/A=1.37 XE/A=1.33 XEXC/A=1.25							
TGBH-D (230)	GT	HORIZONTES	1.41	1.847	6560.34P	169.05	6391.29
50% = 4.026, 25% = 4.925; XE/A=3.01 XEVCR/A=1.94 XEOU/A=1.85 XE/A=1.64							
XEQUB/A=1.38 XE/A=1.36 XEXC/A=1.27							
TGBH-D (235)	GT	HORIZONTES	1.42	1.870	6597.16P	168.87	6428.29
50% = 4.06, 25% = 4.976; XE/A=3.02 XEVCR/A=1.96 XEOU/A=1.87 XE/A=1.67							
XEQUB/A=1.39 XE/A=1.38 XEXC/A=1.29							
TGBH-D (240)	GT	HORIZONTES	1.43	1.897	6639.47P	168.66	6470.81
50% = 4.095, 25% = 5.032; XE/A=3.03 XEVCR/A=1.99 XEOU/A=1.90 XE/A=1.70							
XEQUB/A=1.41 XE/A=1.40 XEXC/A=1.31							
TGBH-D (245)	GT	HORIZONTES	1.44	1.928	6683.67P	168.42	6515.25
50% = 4.141, 25% = 5.102; XE/A=3.06 XEVCR/A=2.02 XEOU/A=1.93 XE/A=1.73							
XE/A=1.43 XEQUB/A=1.42 XEXC/A=1.34							
TGBH-D (250)	GT	HORIZONTES	1.46	1.969	6743.33P	168.13	6575.19
50% = 4.192, 25% = 5.183; XE/A=3.08 XEVCR/A=2.06 XEOU/A=1.97 XE/A=1.78							

XE/A=1.47 XEQUB/A=1.44 XEXC/A=1.37							
TGBH-D (255)	GT	HORIZONTES	1.48	2.014	6806.19P	167.89	6638.30
50% = 4.255, 25% = 5.279; XE/A=3.10 XEVCR/A=2.10 XEOU/A=2.01 XE/A=1.82							
XE/A=1.51 XEQUB/A=1.47 XEXC/A=1.41							
TGBH-D (260)	GT	HORIZONTES	1.50	2.056	6856.36P	167.81	6688.55
50% = 4.32, 25% = 5.373; XE/A=3.13 XEVCR/A=2.15 XEOU/A=2.06 XE/A=1.87							
XE/A=1.55 XEQUB/A=1.49 XEXC/A=1.45							
TGBH-D (265)	GT	HORIZONTES	1.53	2.127	6960.54P	167.45	6793.09
50% = 4.411, 25% = 5.684; XE/A=3.16 XEVCR/A=2.22 XEOU/A=2.13 XE/A=1.94							
XE/A=1.61 XEQUB/A=1.53 XEXC/A=1.51 XEPR/A=1.38							
TGBH-D (270)	GT	HORIZONTES	1.56	2.191	7030.75P	167.30	6863.44
50% = 4.506, 25% = 5.829; XE/A=3.20 XEVCR/A=2.29 XEOU/A=2.19 XE/A=1.99							
XE/A=1.67 XEQUB/A=1.56 XEXC/A=1.56 XEPR/A=1.43							
TGBH-D (275)	GT	HORIZONTES	1.56	2.187	6991.10P	168.05	6823.05
50% = 4.549, 25% = 5.857; XE/A=3.26 XEVCR/A=2.29 XEOU/A=2.19 XE/A=1.99							
XE/A=1.65 XEQUB/A=1.56 XEXC/A=1.55 XEPR/A=1.44							
TGBH-D (280)	GT	HORIZONTES	1.58	2.204	6973.52P	168.47	6805.05
50% = 4.609, 25% = 5.928; XE/A=3.32 XEVCR/A=2.32 XEOU/A=2.20 XE/A=2.01							
XE/A=1.66 XEQUB/A=1.57 XEXC/A=1.57 XEPR/A=1.46							
TGBH-D (285)	GT	HORIZONTES	1.59	2.215	6950.17P	168.95	6781.21
50% = 4.661, 25% = 5.982; XE/A=3.37 XEVCR/A=2.34 XEOU/A=2.22 XE/A=2.03							
XE/A=1.67 XEXC/A=1.58 XEQUB/A=1.58 XEPR/A=1.48							
TGBH-D (290)	GT	HORIZONTES	1.60	2.219	6918.71P	169.50	6749.21
50% = 4.704, 25% = 6.021; XE/A=3.42 XEVCR/A=2.35 XEOU/A=2.22 XE/A=2.03							
XE/A=1.66 XEXC/A=1.58 XEQUB/A=1.58 XEPR/A=1.49							
TGBH-D (295)	GT	HORIZONTES	1.64	2.272	6920.67P	169.71	6750.97
50% = 4.801, 25% = 6.167; XE/A=3.47 XEVCR/A=2.41 XEOU/A=2.27 XE/A=2.09							
XE/A=1.71 XEXC/A=1.64 XEQUB/A=1.62 XEPR/A=1.54							
TGBH-D (300)	GT	HORIZONTES	1.65	2.271	6877.71P	170.33	6707.38
50% = 4.852, 25% = 6.209; XE/A=3.54 XEVCR/A=2.42 XEOU/A=2.27 XE/A=2.10							
XE/A=1.70 XEXC/A=1.64 XEQUB/A=1.62 XEPR/A=1.55							
TGBH-D (305)	GT	HORIZONTES	1.66	2.268	6832.14P	170.98	6661.16
50% = 4.901, 25% = 6.244; XE/A=3.60 XEVCR/A=2.43 XEOU/A=2.27 XE/A=2.10							
XE/A=1.69 XEXC/A=1.63 XEQUB/A=1.61 XEPR/A=1.56							
TGBH-D (310)	GT	HORIZONTES	1.67	2.262	6779.09P	171.64	6607.45
50% = 4.937, 25% = 6.268; XE/A=3.65 XEVCR/A=2.43 XEOU/A=2.26 XE/A=2.10							
XE/A=1.67 XEXC/A=1.63 XEQUB/A=1.61 XEPR/A=1.57							
TGBH-D (315)	GT	HORIZONTES	1.68	2.256	6725.47P	172.32	6553.16
50% = 4.991, 25% = 6.304; XE/A=3.73 XEVCR/A=2.43 XEOU/A=2.26 XE/A=2.10							
XE/A=1.66 XEXC/A=1.62 XEQUB/A=1.60 XEPR/A=1.58							
TGBH-D (320)	GT	HORIZONTES	1.69	2.259	6698.32P	173.04	6525.28
50% = 4.518, 25% = 6.342; XE/A=3.81 XEVCR/A=2.44 XEOU/A=2.25 XE/A=2.10							
XE/A=1.64 XEXC/A=1.62 XEQUB/A=1.59 XEPR/A=1.59							
TGBH-D (325)	GT	HORIZONTES	1.68	2.263	6738.68P	173.75	6564.94
50% = 4.526, 25% = 6.299; XE/A=3.83 XEVCR/A=2.41 XEOU/A=2.22 XE/A=2.07							
XE/A=1.60 XEXC/A=1.59 XEPR/A=1.57 XEQUB/A=1.57							
TGBH-D (330)	GT	HORIZONTES	1.66	2.245	6772.27P	174.35	6597.92
50% = 4.49, 25% = 6.199; XE/A=3.82 XEVCR/A=2.36 XEOU/A=2.17 XE/A=2.02							
XE/A=1.55 XEPR/A=1.54 XEXC/A=1.54 XEQUB/A=1.54							
TGBH-D (335)	GT	HORIZONTES	1.64	2.225	6791.76P	174.89	6616.86
50% = 4.451, 25% = 6.115; XE/A=3.80 XEVCR/A=2.32 XEOU/A=2.11 XE/A=1.97							
WABF=1.55 XEPR/A=1.51 XEQUB/A=1.51 XE/A=1.51							
TGBH-D (340)	GT	HORIZONTES	1.62	2.198	6780.62P	175.39	6605.23
50% = 4.396, 25% = 6.034; XE/A=3.76 XEVCR/A=2.27 XEOU/A=2.06 XE/A=1.94							
WABF=1.58 XEPR/A=1.49 XEQUB/A=1.48 XECCQ/A=1.48							
TGBH-D (345)	GT	HORIZONTES	1.78	1.985	5572.68P	178.39	5394.28
50% = 4.356, 25% = 5.604; XEVCR/A=2.44 XEOU/A=2.18 XE/A=2.08 WABF=1.98							
XEPR/A=1.66 XECCQ/A=1.62 XEXC/A=1.57 XE/A=1.53 XEQUB/A=1.50							
TGBH-D (350)	GT	HORIZONTES	1.77	2.026	5726.19P	179.52	5546.67



50% = 4.323, 25% = 5.54; XEVCRA=2.39 XEOUA=2.12 WABF=2.09 XE/A=2.03  
 XECCQA=1.66 XEPR/A=1.63 XEXC/A=1.52 XE/A=1.47 XEQUB/A=1.46  
 TGBH-D (355) GT HORIZONTES 1.79 2.356 6570.32P 181.50 6388.81  
 50% = 4.784, 25% = 6.492; XE/A=4.16 XEVCRA=2.36 WABF=2.33 XEOUA=2.06  
 XE/A=1.99 XECCQA=1.73 XEPR/A=1.62

XEOU/A MX OA HUAJUAPAN DE LE 7.56 8.202 5421.73 158.06 5263.67  
 50% = 16.404, 25% = 23.442; XEVCRA=10.13 XE/A=9.91 XE/A=8.27 XEXC/A=8.07  
 XEIP/A=7.04 XEGX/A=7.01 XEMCA=6.34 XE/A=6.21 XEPR/A=6.15

XEQUB/A MX OA IXTEPEC 5.46 7.249 6640.59 164.05 6476.54  
 50% = 15.502, 25% = 19.862; XEVCRA=8.03 XE/A=7.90 XEOUA=7.81 XE/A=7.25  
 XE/A=6.36 XEXC/A=5.92 XEPR/A=5.17 XEGX/A=5.16 XEIP/A=5.04

TIAC-B CS PUNTARENAS 0.83 1.228 7410.18 176.33 7233.85  
 50% = 2.456, 25% = 3.331; HJTZA=2.12 XE/A=1.25 HJFCA=1.20 HJODA=1.18  
 HCJV4-A=0.87 HCBS3-A=0.87 HCMC1-A=0.85

KBSN US WA MOSES LAKE 17.58 2.792 7940.72 229.34 7711.38  
 50% = 11.167, 25% = 11.167; KELA=11.17

XECCQA MX QR CANCUN 4.11 7.072 8612.62 202.29 8410.33  
 50% = 14.144, 25% = 16.741; WABF=14.14 WVOI=6.63 XE/A=6.01

CMHR-D CU FLORIDA 0.96 2.001 10419.79 218.37 10201.42  
 50% = 4.002, 25% = 5.05; WABF=3.04 WMDD=2.61 WGFY=1.87 WVOI=1.75 HIAH-C=1.72

WWBG US NC GREENSBORO 5.97 1.322 11062.66 256.69 10805.97  
 50% = 4.089, 25% = 5.398; WCLA=3.47 WRGA=2.16 WSAN=1.88 WTTR=1.64 YVJW-A=1.59  
 WKUM=1.38 XESMA=1.32

WNAU US MS NEW ALBANY 12.35 2.796 11317.62 250.77 11066.85  
 50% = 9.505, 25% = 11.185; WVOL=6.94 WRGA=6.49 KLCL=3.68 WLOA=3.51 WMBD=2.99

WVOL US TN BERRY HILL 10.01 2.514 12553.66 256.42 12297.24  
 50% = 8.854, 25% = 10.082; WLOA=5.58 WNAU=5.17 WRGA=4.53 WMBD=3.21 WCLA=2.58  
 WNNN=2.51

HREZ-B HO TEGUCIGALPA 1.14 2.850 12482.72 180.71 12302.02  
 50% = 2.807, 25% = 3.585; XE/A=2.45 XECCQA=1.36 WABF=1.32 XEVCRA=1.11  
 HJTZA=1.01 XEOUA=1.00

WFNT US MI FLINT 6.18 1.832 14833.72 270.05 14563.68  
 50% = 5.497, 25% = 7.329; WMBD=4.06 1470CHOW/ =2.68 WHBC=2.55 WNYW=2.34  
 WTTR=2.23 KMNQ=2.22 WWBG=2.16 WLOA=1.85

CHLD/ CA BC Granisle 4.94 14.642 14805.74 228.60 14577.14  
 50% = 29.284, 25% = 31.036; 1480CKER/ =29.28 KBMS=10.28

CIFJ/ CA BC Fort St James 5.50 16.513 15015.52 231.58 14783.94  
 50% = 33.026, 25% = 34.865; 1480CKER/ =33.03 KBMS=11.17

WRGA US GA ROME 9.05 2.876 15895.32 250.91 15644.41  
 50% = 8.922, 25% = 11.505; WVOL=5.57 WNAU=5.46 WWBG=4.33 WCLA=4.12 WLOA=3.70  
 WNNN=3.59 WMGG=3.03

WSAN US PA ALLENTOWN 3.87 1.250 16167.73 265.34 15902.39  
 50% = 3.44, 25% = 5.018; GAT1470/ =2.44 WNYW=2.43 WWBG=1.59 WTKT=1.58  
 WMMW=1.56 WTTR=1.50 WRGA=1.44 WLAM=1.25

WLOA US PA FARRELL 5.37 2.074 19324.67 266.73 19057.93  
 50% = 6.745, 25% = 8.296; 1470CHOW/ =4.15 WSAN=3.93 WTTR=3.57 WWBG=3.32  
 WNYN=2.82 WFNT=2.08

1480CKDX/ CA ON Newmarket 3.50 14.927 21314.01 270.42 21043.59  
 50% = 33.233, 25% = 36.546; WHBC=25.44 WCNS=15.31 WSDS=14.93 WGVU=10.88  
 WZRC=10.62

1480CHRD/ CA QC Drummondville 2.34 11.459 24438.24 271.44 24166.80  
 50% = 22.918, 25% = 27.726; WSAR=18.50 WHBC=13.52 1480CKDX/ =8.09 WSDS=7.96  
 WCNS=7.65 WGVU=7.49

WTTR US MD WESTMINSTER 4.46 2.480 27802.08 263.67 27538.41  
 50% = 9.542, 25% = 9.919; WSAN=9.54 1470CHOW/ =2.71

WTTR US MD WESTMINSTER 4.46 2.481 27818.24 263.67 27554.57  
 50% = 9.548, 25% = 9.925; WSAN=9.55 1470CHOW/ =2.71

WNNN US FL POMPAÑO BEACH 6.24 3.630 29067.22 229.15 28838.07  
 50% = 13.4, 25% = 14.52; WRGA=11.56 WMGG=6.78 WWBG=5.59

KMNQ US MN BROOKLYN PARK 10.83 6.674 30820.89 275.15 30545.74  
 50% = 22.72, 25% = 26.696; WMBD=22.72 KAIR=10.22 WIBD=9.60

UNK-A BR PIRACURUCA 0.17 1.218 35466.34 215.93 35250.41  
 50% = 2.435, 25% = 2.657; ZYH-897-A=1.58 ZYJ-601-A=1.33 ZYI-790-A=1.30  
 ZYH510-A=1.06

WMGG US FL EGYPT LAKE 7.39 5.292 35819.45 232.42 35587.03  
 50% = 21.167, 25% = 21.167; WRGA=18.01 WNNN=11.12

WLAM US ME LEWISTON 2.33 1.746 37401.80 269.53 37132.28  
 50% = 5.11, 25% = 7.07; WOPG=3.47 GAT1470/ =2.78 WSAN=2.53 WNYN=2.37  
 WLOA=2.31 WSAR=2.29 WAZN=2.14 1470CHOW/ =1.75

ZYL265-A BR NANUQUE 0.14 1.222 43243.49 197.80 43045.69  
 50% = 2.626, 25% = 3.516; ZYI422-A=1.42 ZYL-307-A=1.35 ZYJ-488-A=1.25  
 UNK-A=1.22 ZYK707-A=1.14 UNK-A=1.08 ZYK-539-A=1.01 ZYH510-A=1.01 UNK-A=0.99

WNYN US NY ITHACA 3.85 3.379 43905.24 267.98 43637.26  
 50% = 12.914, 25% = 13.516; WLOA=8.34 WSAN=7.94 WTTR=5.84 GAT1470/ =3.99

WMMW US CT MERIDEN 3.11 2.953 47461.00 266.58 47194.43  
 50% = 9.347, 25% = 11.813; WSAN=9.35 WNYN=4.09 WLAM=4.04 WTTR=3.10 WAZN=3.09

WIBD US WI WEST BEND 8.39 8.340 49687.90 271.90 49416.01  
 50% = 31.554, 25% = 33.361; WMBD=31.55 WFNT=10.83

LRK358-A AR MONTEROS 0.18 1.798 51220.19 156.60 51063.59  
 50% = 3.596, 25% = 4.687; CA 148-A=2.42 ZP 20-A=2.00 CW43B-A=1.75  
 CX148-A=1.35 LRJ369-A=1.23 LRJ375-A=1.23 LRJ373-A=1.22 LRK368-A=1.17  
 LRJ377-A=1.16

WDEP US PR PONCE 2.90 2.987 51479.12 224.49 51254.64  
 50% = 9.633, 25% = 12.138; HIRP-C=6.86 HIKF-C=6.77 HIAP-C=4.73 HIOS-C=3.67  
 YVSQ-A=3.13 HJAY-A=2.99

WDEP US PR PONCE 2.90 2.992 51510.83 224.47 51286.37

50% = 9.681, 25% = 12.192; HIRP-C=6.89 HIKF-C=6.80 HIAP-C=4.75 HIOS-C=3.69  
YVSQ-A=3.13 HJAY-A=2.99

LRJ373-A AR VILLA UNION 0.17 1.880 53838.12 151.07 53687.04  
50% = 3.761, 25% = 4.673; CA 148-A=3.33 CC 148-A=1.75 CW43B-A=1.30  
LRJ369-A=1.23 LRJ377-A=1.23 ZP 20-A=1.22 LRK358-A=1.22

LRJ375-A AR CHEPES 0.17 1.792 54200.03 150.83 54049.20  
50% = 3.583, 25% = 4.827; CA 148-A=2.97 CC 148-A=2.01 CW43B-A=1.74  
CX148-A=1.61 ZP 20-A=1.30 CD 148-A=1.28 LRK358-A=1.23

ZYK707-A BR SAO ROQUE 0.15 1.590 54831.02 182.62 54648.40  
50% = 3.293, 25% = 5.471; ZYK-539-A=1.70 ZYJ221-A=1.66 UNK-A=1.63  
ZYJ-731-A=1.59 ZYJ-488-A=1.55 ZYL-307-A=1.52 ZYK-562-A=1.50 ZYL-235-A=1.48  
CW43B-A=1.46 ZYJ-327-A=1.44 ZP 20-A=1.41 ZYJ-270-A=1.40 ZYJ-762-A=1.33

WAZN US MA WATERTOWN 2.70 3.018 55978.00 267.65 55710.35  
50% = 11.293, 25% = 12.07; WLAM=11.29 WSAN=4.26

ZYI422-A BR ATIBAIA 0.14 1.627 56219.33 183.81 56035.51  
50% = 3.382, 25% = 5.242; UNK-A=1.75 ZYK-539-A=1.74 ZYJ-488-A=1.64  
ZYL-307-A=1.63 ZYJ221-A=1.56 ZYL-235-A=1.50 ZYJ-731-A=1.50 ZYK-562-A=1.47  
ZYJ-327-A=1.37 ZYJ-270-A=1.32 ZYI-393-A=1.30 CW43B-A=1.29

LRK368-A AR MONTE QUEMAD 0.17 2.005 57699.14 161.38 57537.75  
50% = 3.461, 25% = 4.687; ZP 20-A=2.70 CW43B-A=2.16 CA 148-A=1.63  
ZP 23-A=1.51 CX148-A=1.47 LRJ369-A=1.21 ZP74-A=1.20

ZP 23-A PA BELLA VISTA 0.17 1.959 57975.35 173.77 57801.57  
50% = 4.249, 25% = 5.242; ZP 20-A=3.16 ZYI-408-A=2.06 CW43B-A=1.96  
ZP74-A=1.86 ZYJ302-A=1.47 ZYJ-327-A=1.38 ZYI-393-A=1.38

ZP 20-A PA VILLETA 0.16 1.892 58241.30 168.44 58072.86  
50% = 3.784, 25% = 5.34; CW43B-A=3.07 ZP 23-A=2.22 ZP74-A=1.87 CX148-A=1.71  
ZYI-408-A=1.42 ZYJ302-A=1.40 UNK-A=1.40 UNK-A=1.35

ZYI-393-A BR TRES LAGOAS 0.16 1.923 59864.97 181.25 59683.71  
50% = 3.846, 25% = 5.793; ZYI422-A=2.55 ZP 20-A=2.12 ZP 23-A=1.95  
ZYK-562-A=1.89 ZYK707-A=1.77 ZYJ-327-A=1.71 ZYL-235-A=1.67 UNK-A=1.47  
ZYK-539-A=1.45 ZYJ221-A=1.45

WCLA US GA CLAXTON 7.20 8.726 60599.40 245.68 60353.72  
50% = 33.3, 25% = 34.903; WRGA=33.30 WWBG=10.46

LRJ369-A AR DEAN FUNES 0.16 1.989 60813.97 154.42 60659.55  
50% = 3.977, 25% = 4.94; CA 148-A=2.46 CW43B-A=2.40 CX148-A=2.00 ZP 20-A=1.87  
CC 148-A=1.44 LRJ373-A=1.23 LRK358-A=1.23

LRJ377-A AR TILISARAO 0.16 1.938 60902.04 150.88 60751.16  
50% = 3.875, 25% = 5.039; CA 148-A=2.58 CW43B-A=2.07 CC 148-A=2.02  
CX148-A=1.92 CD 148-A=1.40 ZP 20-A=1.30 LRI235-A=1.24 LT39-A=1.23

ZYI-408-A BR BONITO 0.17 2.100 61253.99 175.08 61078.91  
50% = 4.201, 25% = 5.379; ZP 23-A=3.08 ZP 20-A=2.86 ZP74-A=1.69 CW43B-A=1.66  
ZYI-393-A=1.40 ZYJ302-A=1.38 ZYJ-327-A=1.34

ZYL-235-A BR FRUTAL 1 0.16 1.928 61874.89 185.43 61689.46  
50% = 3.856, 25% = 5.686; ZYI422-A=3.32 ZYK707-A=1.96 ZYK-539-A=1.81  
ZYK-562-A=1.79 ZYI-393-A=1.67 ZYJ-327-A=1.45 ZP 20-A=1.43 ZP 23-A=1.42

UNK-A=1.42

CC 148-A CI TOME 0.16 1.987 61832.09 139.08 61693.01  
50% = 3.975, 25% = 3.975; CD 148-A=3.18 CA 148-A=2.38

ZYJ-327-A BR ASTORGA 0.15 1.919 61904.75 177.97 61726.78  
50% = 4.281, 25% = 6.256; ZP 20-A=2.52 CW43B-A=2.11 ZP 23-A=1.96  
ZYL422-A=1.92 ZYK707-A=1.91 ZYJ221-A=1.78 ZYK-562-A=1.76 ZYI-393-A=1.71  
ZYJ302-A=1.67 ZYJ-270-A=1.62 UNK-A=1.60

ZYL-307-A BR TIRADENTES 0.14 1.794 62520.24 189.15 62331.09  
50% = 3.589, 25% = 4.886; ZYI422-A=2.35 ZYK707-A=2.01 ZYJ-488-A=1.83  
UNK-A=1.75 ZYK-539-A=1.63 ZYL-235-A=1.39 ZYL265-A=1.36 ZYK-562-A=1.23

ZYK-562-A BR BILAC 0.16 1.987 63559.41 181.84 63377.56  
50% = 3.973, 25% = 5.831; ZYI422-A=2.81 ZYK707-A=1.99 ZP 20-A=1.97  
ZYI-393-A=1.89 ZYL-235-A=1.79 ZP 23-A=1.77 ZYJ-327-A=1.76 ZYK-539-A=1.64  
ZYJ221-A=1.60

ZYJ221-A BR PIRAI DO SUL 0.15 1.897 63755.44 178.19 63577.25  
50% = 3.794, 25% = 5.987; CW43B-A=2.23 ZP 20-A=2.18 ZYK707-A=2.17  
ZYJ-270-A=1.79 ZYJ-327-A=1.78 ZYJ-731-A=1.77 ZP 23-A=1.60 ZYK-562-A=1.60  
UNK-A=1.59 ZYJ-762-A=1.47 ZYI-393-A=1.45

WKUM US PR OROCOVIS 2.87 3.690 64269.68 225.25 64044.43  
50% = 13.367, 25% = 14.759; YVJW-A=13.37 4VAA-A=4.60 HICH-C=4.24

UNK-A BR S GONCALO SA 0.14 1.877 64728.36 186.53 64541.83  
50% = 4.038, 25% = 5.361; ZYI422-A=2.77 ZYK707-A=2.26 ZYL-307-A=1.88  
ZYK-539-A=1.80 ZYJ-488-A=1.75 ZYL-235-A=1.52 ZYK-562-A=1.39 ZYJ221-A=1.36

ZYJ-731-A BR JOINVILLE 0.14 1.872 65357.93 176.97 65180.96  
50% = 3.744, 25% = 5.46; CW43B-A=2.45 ZYK707-A=2.09 ZP 20-A=1.91  
ZYJ-270-A=1.78 ZYJ-762-A=1.78 ZYJ221-A=1.77 ZYJ-327-A=1.46 UNK-A=1.45  
ZYK-321-A=1.43

ZYJ-270-A BR UNIAO VITORI 0.15 1.930 65357.91 174.65 65183.26  
50% = 3.86, 25% = 6.387; CW43B-A=2.94 ZP 20-A=2.50 ZYK707-A=1.87  
ZYJ221-A=1.79 ZYJ-731-A=1.78 UNK-A=1.75 UNK-A=1.64 ZYJ-762-A=1.63  
ZYJ-327-A=1.62 ZP 23-A=1.62 ZYK-321-A=1.55

HJOD-A CO EL RODADERO 0.56 7.429 65800.71 199.96 65600.75  
50% = 6.694, 25% = 7.814; HJTZ-A=6.69 WMDD=3.32 HJFC-A=2.28

UNK-A BR LARANJE DO S 0.15 2.033 66911.03 174.23 66736.80  
50% = 4.066, 25% = 6.16; CW43B-A=2.93 ZP 20-A=2.82 ZP 23-A=1.89  
ZYJ-270-A=1.88 ZYK707-A=1.76 ZYJ-327-A=1.73 ZYJ221-A=1.72 ZYJ302-A=1.69  
ZYJ-731-A=1.57

ZYJ-762-A BR IMARUI 0.14 1.900 68065.99 174.24 67891.75  
50% = 3.8, 25% = 5.473; CW43B-A=2.85 CW148-A=1.78 ZP 20-A=1.78 ZYJ-731-A=1.78  
ZYK707-A=1.78 ZYJ-270-A=1.63 ZYK-321-A=1.59 ZYJ221-A=1.47 CX148-A=1.35

HIAH-C DR S DOMINGO 4 0.58 8.100 69240.13 221.83 69018.31  
50% = 5.864, 25% = 6.467; WMDD=5.86 HJTZ-A=2.12 HJOD-A=1.71

LRI392-A AR BOLIVAR 0.14 2.015 69908.93 151.62 69757.31  
50% = 4.03, 25% = 5.049; CW43B-A=2.56 CX148-A=2.34 CW148-A=2.04 LRI235-A=1.58  
CC 148-A=1.42 CA 148-A=1.29 CD 148-A=1.25 LT39-A=1.23

HCWP5-A EC ATLANTIDA 0.42 5.903 70399.42 167.12 70232.30  
50% = 8.072, 25% = 9.964; HCBS3-A=7.19 HCJV4-A=3.67 HCMC1-A=3.65 HJIB-A=2.67  
HCCY6-A=2.66 HJTZ-A=2.56

HJFC-A CO PEREIRA 3 0.48 6.819 70556.73 184.88 70371.84  
50% = 7.314, 25% = 9.105; HJTZ-A=7.31 HJIB-A=3.20 HCBS3-A=2.79 HCMC1-A=2.49  
HJOD-A=2.27

ZYK-539-A BR ANTINOPOLIS 0.15 2.123 70644.92 185.81 70459.11  
50% = 4.246, 25% = 5.806; ZYI422-A=3.62 ZYK707-A=2.21 ZYL-235-A=1.81  
UNK-A=1.68 ZYK-562-A=1.64 ZYL-307-A=1.63 ZYJ-488-A=1.46 ZYI-393-A=1.45

HCCY6-A EC EL CORAZON 0.44 6.279 71013.35 170.09 70843.27  
50% = 7.783, 25% = 9.803; HCBS3-A=5.78 HCWP5-A=3.77 HCJV4-A=3.60 HJTZ-A=3.39  
HJIB-A=3.03 HCVQ7-A=3.02 HJFC-A=2.39

ZYJ302-A BR IPORA 1 0.16 2.255 71531.60 174.71 71356.89  
50% = 4.582, 25% = 6.128; ZP 20-A=3.06 CW43B-A=2.56 ZP 23-A=2.25  
ZYJ-327-A=1.79 ZP74-A=1.71 UNK-A=1.68 ZYK707-A=1.62 ZYJ-270-A=1.59  
ZYJ221-A=1.56

HCMC1-A EC I MUNICIPAL CO 0.44 6.470 73547.80 171.19 73376.61  
50% = 7.625, 25% = 9.286; HCBS3-A=5.62 HCWP5-A=3.65 HJTZ-A=3.63 HCJV4-A=3.44  
HJIB-A=3.18 HJFC-A=2.49

LRI235-A AR BALCARCE 0.14 2.028 74030.67 152.68 73877.98  
50% = 4.056, 25% = 4.382; CW43B-A=2.49 CW148-A=2.31 CX148-A=2.21  
LRI392-A=1.18 LT39-A=1.17

HCVQ7-A EC BAEZA 0.44 6.531 74886.15 172.41 74713.75  
50% = 7.573, 25% = 9.746; HCBS3-A=5.46 HJTZ-A=3.90 HCWP5-A=3.51 HJIB-A=3.35  
HCJV4-A=3.25 HCCY6-A=3.02 HJFC-A=2.58

ZYI-790-A BR SERRA TALHAD 0.15 2.346 76329.25 213.74 76115.52  
50% = 3.24, 25% = 4.161; UNK-A=1.67 ZYJ-601-A=1.66 UNK-A=1.65 UNK-A=1.49  
UNK-A=1.42 ZYH510-A=1.31 UNK-A=1.30 ZYH-897-A=1.18

UNK-A BR CAIBI 0.15 2.291 76350.51 171.07 76179.45  
50% = 4.583, 25% = 6.222; CW43B-A=3.52 ZP 20-A=2.94 CX148-A=1.83 CW148-A=1.81  
ZYJ-270-A=1.76 ZP 23-A=1.75 ZYK-321-A=1.60 ZYK244-A=1.54

LT39-A AR VICTORIA 0.15 2.304 76521.23 156.63 76364.59  
50% = 4.608, 25% = 5.698; CW43B-A=3.50 CX148-A=2.99 CW148-A=2.23 ZP 20-A=1.96  
LRI235-A=1.56

ZYK-321-A BR VERANOPOLIS 0.14 2.210 77160.85 170.51 76990.34  
50% = 4.861, 25% = 6.356; CW43B-A=3.64 ZP 20-A=2.35 CW148-A=2.21 CX148-A=1.93  
ZYJ-762-A=1.71 ZYJ-270-A=1.66 UNK-A=1.60 ZYK244-A=1.57 UNK-A=1.55

ZP74-A PA LIMA 0.16 2.579 78515.54 171.48 78344.06  
50% = 5.3, 25% = 5.771; ZP 20-A=3.80 ZP 23-A=2.64 CW43B-A=2.58 ZYI-408-A=1.66  
ZYJ302-A=1.57

HCJV4-A EC JIPIJAPA 0.45 7.221 79659.41 165.06 79494.35  
50% = 6.918, 25% = 9.129; HCBS3-A=5.87 HCWP5-A=3.67 HCMC1-A=3.44 HCCY6-A=2.55  
HJIB-A=2.47 HJTZ-A=2.41 HCVQ7-A=2.30

CD 148-A CI VALDIVIA 4 0.15 2.424 79683.19 136.16 79547.03

50% = 3.182, 25% = 3.494; CC 148-A=3.18 CA 148-A=1.44

CW43B-A UY RIVERA 0.15 2.341 79998.05 163.76 79834.29  
50% = 4.682, 25% = 5.345; CX148-A=2.88 CW148-A=2.71 ZP 20-A=2.51  
ZYK244-A=1.55 UNK-A=1.53 ZYK-321-A=1.38

CA 148-A CI OVALLE 0.18 2.871 81421.81 146.29 81275.52  
50% = 2.785, 25% = 3.824; CC 148-A=2.38 CD 148-A=1.44 LRJ375-A=1.23  
LRJ373-A=1.19 LRJ377-A=1.17 LRJ369-A=1.14 LRK358-A=1.12

HJIB-A CO FLORENCIA 0.43 7.077 81629.01 179.37 81449.63  
50% = 7.065, 25% = 9.438; HJTZ-A=5.66 HCBS3-A=4.23 HJFC-A=3.20 HCMC1-A=3.18  
HCWP5-A=2.67 HCJV4-A=2.47 HCVQ7-A=2.37

CW148-A UY CASTILLOS 0.14 2.295 83563.22 161.43 83401.79  
50% = 4.59, 25% = 5.242; CW43B-A=3.78 CX148-A=2.61 LRI235-A=1.58 ZP 20-A=1.48  
ZYK244-A=1.31

UNK-A BR GUARANI MISS 0.15 2.548 84750.20 168.28 84581.92  
50% = 5.095, 25% = 6.353; CW43B-A=4.08 ZP 20-A=3.06 CX148-A=2.19 CW148-A=2.09  
ZP 23-A=1.65 ZYK244-A=1.58

ZYH-897-A BR COLINAS 0.17 2.973 85090.41 210.39 84880.02  
50% = 2.676, 25% = 4.09; UNK-A=1.62 UNK-A=1.58 UNK-A=1.43 ZYH510-A=1.33  
UNK-A=1.28 UNK-A=1.24 ZYI-790-A=1.18 UNK-A=1.08 UNK-A=1.02 ZYJ-601-A=1.02

CX148-A UY YOUNG 0.15 2.514 86036.22 159.28 85876.94  
50% = 5.029, 25% = 5.653; CW43B-A=4.22 CW148-A=2.74 ZP 20-A=2.04  
LRI235-A=1.58

LU27-A AR DOLORES 0.14 2.400 86358.01 155.02 86202.99  
50% = 4.8, 25% = 4.955; CW43B-A=3.07 CW148-A=2.65 CX148-A=2.57 LT39-A=1.23

ZYJ-488-A BR NOVA IGUACU 0.14 2.415 86636.28 187.64 86448.64  
50% = 3.189, 25% = 4.418; ZYK707-A=2.04 ZYL-307-A=1.83 UNK-A=1.63  
ZYK-539-A=1.46 ZYL265-A=1.26 ZYL-235-A=1.24 ZYJ-731-A=1.20 ZYJ221-A=1.18  
ZYK-562-A=1.12

ZYK244-A BR FAXINAL SOTU 0.15 2.529 86967.77 167.64 86800.12  
50% = 5.058, 25% = 6.522; CW43B-A=4.35 ZP 20-A=2.58 CW148-A=2.43 CX148-A=2.30  
UNK-A=1.71 ZYK-321-A=1.69

UNK-A BR ELESBAO VELO 0.16 2.890 88383.95 209.51 88174.43  
50% = 2.765, 25% = 3.027; ZYH510-A=1.67 ZYH-897-A=1.62 ZYI-790-A=1.49  
ZYJ-601-A=1.23

ZYH510-A BR XIQUE XIQUE 0.16 2.868 89853.08 205.24 89647.84  
50% = 2.788, 25% = 4.146; UNK-A=1.72 UNK-A=1.67 UNK-A=1.42 UNK-A=1.36  
ZYH-897-A=1.33 ZYI-790-A=1.31 UNK-A=1.24 UNK-A=1.19 UNK-A=1.06

LRI384-A AR FEDERACION 0.15 2.727 90780.27 161.04 90619.23  
50% = 5.454, 25% = 6.485; CW43B-A=4.45 CX148-A=3.15 ZP 20-A=2.54 CW148-A=2.42

HJTZ-A CO LEBRIJA 0.48 8.709 91164.47 193.45 90971.03  
50% = 4.914, 25% = 5.764; HJFC-A=3.17 HJOD-A=2.85 HJIB-A=2.44 WMDD=2.03  
HCBS3-A=1.58 HCMC1-A=1.57

UNK-A BR QUIXERA MADA 0.16 2.992 91645.18 216.79 91428.39  
50% = 2.655, 25% = 2.873; ZYJ-601-A=1.66 ZYI-790-A=1.56 ZYH-897-A=1.36

ZYH510-A=1.10

ZYJ-601-A BR ACU 0.15 2.882 93219.02 218.39 93000.62  
50% = 2.774, 25% = 3.822; ZYI-790-A=1.66 UNK-A=1.63 UNK-A=1.51 UNK-A=1.33  
UNK-A=1.31 UNK-A=1.23 ZYH-897-A=1.02 ZYH510-A=0.95

HCBS3-A EC PASAJE 1 0.40 7.793 96747.70 165.53 96582.17  
50% = 6.266, 25% = 7.763; HCWP5-A=4.15 HCJV4-A=3.39 HCMC1-A=3.25 HJIB-A=2.44  
HCCY6-A=2.36 HCVQ7-A=2.23 HJTZ-A=2.12

UNK-A BR SANTANA 0.16 3.151 99307.55 200.77 99106.78  
50% = 2.464, 25% = 3.222; ZYH510-A=1.70 ZYI422-A=1.30 ZYL265-A=1.22  
ZYH-897-A=1.07 ZYI-790-A=0.98 ZYL-307-A=0.90 ZYL-235-A=0.85 ZYK-539-A=0.82

UNK-A BR SIMAO DIAS 0.15 3.118 105612.42 210.41 105402.00  
50% = 2.506, 25% = 2.852; ZYI-790-A=1.65 ZYH510-A=1.36 ZYJ-601-A=1.31  
ZYL265-A=1.00 ZYH-897-A=0.93

UNK-A BR GRAVATA 0.15 3.250 110798.84 216.09 110582.75  
50% = 2.331, 25% = 2.653; ZYI-790-A=1.67 ZYJ-601-A=1.63 ZYH510-A=0.99  
ZYH-897-A=0.79

UNK-A BR PIMENTA BUEN 0.22 9.943 226381.78 181.87 226199.91  
50% = 1.067, 25% = 1.284; ZP 23-A=0.70 ZYI-408-A=0.59 ZP 20-A=0.55  
ZYI-393-A=0.37 HCBS3-A=0.36 ZP74-A=0.36 HJTZ-A=0.34

UNK-A BR COLOR DO OES 0.21 9.892 234671.10 180.66 234490.44  
50% = 1.463, 25% = 1.624; ZP 23-A=0.96 ZYI-408-A=0.79 ZP 20-A=0.77  
ZYI-393-A=0.50 ZP74-A=0.50

UNK-A BR CAMPO VERDE 0.18 9.714 264371.70 184.25 264187.45  
50% = 2.375, 25% = 3.456; ZP 23-A=1.56 ZP 20-A=1.28 ZYI-408-A=1.25  
ZYI-393-A=1.19 ZYI422-A=1.18 ZYK-562-A=1.01 ZYL-235-A=1.00 ZYJ-327-A=0.86  
ZP74-A=0.86

UNK-A BR MIRACEMA NOR 0.18 9.839 274644.38 200.80 274443.59  
50% = 1.788, 25% = 2.121; ZYH-897-A=1.28 ZYH510-A=1.24 ZYI422-A=0.73  
ZYI-790-A=0.64 ZYL-235-A=0.59

UNK-A BR ALTO TAQUARI 0.17 9.486 276039.96 183.41 275856.55  
50% = 3.164, 25% = 4.624; ZYI422-A=1.93 ZP 23-A=1.85 ZP 20-A=1.69  
ZYI-393-A=1.57 ZYK-562-A=1.40 ZYI-408-A=1.40 ZYL-235-A=1.38 ZYJ-327-A=1.26  
ZYK707-A=1.21

UNK-A BR GURUPI 1 0.18 9.816 279584.48 196.99 279387.49  
50% = 1.909, 25% = 2.505; ZYH510-A=1.17 ZYI422-A=1.12 ZYH-897-A=1.00  
ZYL-235-A=0.87 ZYI-393-A=0.72 ZYK-539-A=0.72 ZYK-562-A=0.68 ZYL265-A=0.61

UNK-A BR S FILOMENA 0.17 9.761 282963.99 204.22 282759.77  
50% = 2.173, 25% = 2.569; ZYH-897-A=1.54 ZYH510-A=1.53 ZYI-790-A=0.98  
ZYJ-601-A=0.70 ZYI422-A=0.66