



Monthly Seismological Bulletin

for

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GENERAL BULLETIN INFORMATION

The hypocentral locations of individual earthquakes were determined using an iterative least-squares inversion technique based on the method originally proposed by Geiger (1910, 1912), as implemented in the SEISAN software package (Jens Havskov; Peter H. Voss and Lars Ottemoller (2020)).

STATIONS USED

Details of the seismological observatories under National Seismological Network (NSN) are published at:
https://riseq.seismo.gov.in/riseq/ob_network

Abbreviations:

TIME: Origin time in UTC (hr. min. and sec.) or data file onset time if event is not located.
LAT: Latitude of epicenter
LON: Longitude of epicenter
DEPTH: Focal depth in kilometer (trailing F indicates fixed depth)
AGENCY: Hypocenter reporting agency e.g. BER (Bergen), NAO (Norsar)
MAGNITUDES: Up to 3 different magnitudes can be given followed by type and reporting agency, e.g. 3.1 MC BER-coda magnitude calculated in Bergen.
RMS: Root mean square value of travel time residuals
STAT: Station code
CO: Component, S: short period, L: long period, B: broadband,
DIST: Epicenter distance (km)
AZI: Azimuth from source to station
PHAS: Phase; The first letter characterizes onset E(mergent) or I(mpulsive)
P: Polarity (C for compression, D for dilatation)
HR: Hour
MN: Minute
SECON: Seconds
TRES: Residual (seconds)
CODA: Signal duration in seconds
AMPL: Ground Amplitude ($0.5 \times (\text{peak to peak})$), (nm) at period PERI
PERI: Period where amplitude is measured
BAZ: Back azimuth (station to event)
ARES: Back azimuth residual
VELO: Apparent phase velocity (km/sec)
WT: Weight of phase in the location
*: An asterix before the phase arrival time implies a potential timing error. If an S phase is read, differential S-P times will be used in the hypocenter location.

The local, regional and global velocity models considered to analyse earthquakes reported in this Monthly Seismological Bulletin and their key references are given below:

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Monsalve, G., Sheehan, A., Schulte-Pelkum, V., Rajaure, S., Pandey, M.R., Wu, F., 2006. Seismicity and one-dimensional velocity structure of the Himalayan collision zone: Earthquakes in the crust and upper mantle. Journal of Geophysical Research: Solid Earth, 111(B10), B10301.
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December 1 2024 Hour: 6:29 38.3 Lat: 14.53N Lon: 74.62E D: 5.0F Ag: NCS Local															
Magnitudes: 3.3ML NCS Rms: 0.7 secs															
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SUPA	HZ	81	353	EP		0629	51.75	-0.76							1.0
SUPA	HE	81	353	ES		0630	01.88	-0.98							1.0
BLRY	HZ	200	65	EP		0630	10.50	0.05							1.0
BLRY	HN	200	65	ES		0630	33.32	-0.58							1.0
BLRY	HE	200	65	IAML		0630	34.24			457	0.2				
BLRY	HN	200	65	IAML		0630	36.23			307	0.2				
KAD	BZ	311	351	EP		0630	24.41	0.46							1.0
KAD	BE	311	351	ES		0630	58.14	0.89							1.0
MYSR	HZ	316	138	EP		0630	24.82	0.24							1.0
MYSR	HN	316	138	ES		0630	56.89	-1.44							1.0
BANG	HZ	360	117	EP		0630	30.63	0.67							1.0
BANG	HN	360	117	ES		0631	08.27	0.62							1.0
SLPR	HZ	374	22	EP		0630	37.70	5.96							0.0
SLPR	HE	374	22	ES		0631	19.30	8.58							0.0
SLPR	HE	374	22	IAML		0631	23.86			77	0.5				
SLPR	HN	374	22	IAML		0631	28.86			131	0.3				
KLBG	HZ	389	37	EP		0630	33.78	0.27							1.0
KLBG	HN	389	37	ES		0631	14.35	0.56							1.0
KLBG	HE	389	37	IAML		0631	27.18			117	0.3				
KLBG	HN	389	37	IAML		0631	27.29			95	0.3				
December 1 2024 Hour: 7:57 41.3 Lat: 18.21N Lon: 94.74E D: 10.0F Ag: NCS Local															
Magnitudes: 4.5ML NCS Rms: 0.9 secs															
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	604	346	EP		0759	03.64	1.29							1.0
CMPI	HE	604	346	ES		0800	00.74	-0.79							1.0
CMPI	HN	604	346	IAML		0800	05.36			610	0.3				
CMPI	HE	604	346	IAML		0800	06.91			1155	0.3				
AZL	SZ	648	341	EP		0759	08.93	1.34							1.0
AZL	SE	648	341	ES		0800	10.74	0.16							1.0
AZL	SN	648	341	IAML		0800	15.78			727	0.2				
AZL	SE	648	341	IAML		0800	16.33			1262	0.3				
IMP	SZ	738	354	EP		0759	18.86	0.37							1.0
IMP	SN	738	354	ES		0800	30.10	0.65							1.0
IMP	SN	738	354	IAML		0800	32.61			235	0.4				
IMP	SE	738	354	IAML		0800	33.89			81	0.6				
KOHI	SZ	835	356	EP		0759	31.02	0.71							1.0
KOHI	SN	835	356	ES		0800	50.95	1.05							1.0
KOHI	SE	835	356	IAML		0800	53.33			918	0.4				
KOHI	SN	835	356	IAML		0800	53.42			838	0.4				
MOKO	SZ	899	359	EP		0759	37.70	-0.50							1.0
MOKO	SN	899	359	ES		0801	03.52	-0.03							1.0
MOKO	SN	899	359	IAML		0801	07.29			795	0.5				
MOKO	SE	899	359	IAML		0801	08.86			882	0.3				
GUWA	SZ	938	341	EP		0759	41.20	-1.82							1.0
GUWA	SN	938	341	ES		0801	11.16	-0.72							1.0
GUWA	SE	938	341	IAML		0801	12.34			266	0.6				
GUWA	SN	938	341	IAML		0801	13.26			299	0.5				
ITAN	SZ	995	354	EP		0759	48.51	-1.44							1.0
ITAN	SE	995	354	ES		0801	23.67	-0.20							1.0
ZIRO	SE	1036	355	ES		0801	31.67	-0.81							1.0
GTK	SN	1189	329	ES		0802	05.38	0.53							1.0
GTK	SE	1189	329	IAML		0802	12.71			127	0.8				
GTK	SN	1189	329	IAML		0802	13.14			161	0.6				
TUTG	HN	1195	1	ES		0802	06.22	0.25							1.0

December 1 2024 Hour: 10:57 17.9 Lat: 24.77N Lon: 93.43E D: 17.9 Ag: NCS Local
Magnitudes: 2.5ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	53	83	EP		1057	26.94	-0.61							1.0
IMP	SN	53	83	ES		1057	35.50	0.89							1.0
KOHI	SZ	125	33	EP		1057	38.29	-0.52							1.0
KOHI	SN	125	33	ES		1057	54.44	0.35							1.0
KOHI	SE	125	33	IAML		1057	56.68			78	0.2				
KOHI	SN	125	33	IAML		1057	58.20			71	1.4				
AZL	SZ	137	213	EP		1057	40.54	-0.03							1.0
AZL	SN	137	213	ES		1057	58.40	1.26							1.0
AZL	SN	137	213	IAML		1058	00.78			40	0.6				
AZL	SE	137	213	IAML		1058	00.89			49	0.4				
CMPI	HZ	142	185	EP		1057	40.56	-0.98							1.0
CMPI	HN	142	185	ES		1057	58.45	-0.36							1.0
CMPI	HN	142	185	IAML		1057	58.87			119	0.4				
CMPI	HE	142	185	IAML		1057	59.11			93	0.7				

December 1 2024 Hour: 13:14 45.4 Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMBY	HZ			EP		1316	02.49								
CMBY	HN			ES		1316	24.98								
VISK	HN			ES		1319	00.50								
CMPI	HN			ES		1319	41.84								
RAGD	BE			ES		1319	16.36								

December 1 2024 Hour: 14:47 7.9 Lat: 29.71N Lon: 91.62E D: 11.2 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SE	236	174	ES		1448	09.59	-0.16							1.0
TAWA	SE	236	174	IAML		1448	19.44			75	0.5				
ZIRO	SZ	326	137	EP		1447	53.40	-1.27							1.0
ZIRO	SE	326	137	ES		1448	28.30	-0.51							1.0
ZIRO	SN	326	137	IAML		1448	31.46			261	0.9				
ZIRO	SE	326	137	IAML		1448	32.22			313	0.6				
ITAN	SZ	351	144	EP		1447	57.91	0.14							1.0
ITAN	SN	351	144	ES		1448	33.64	-0.53							1.0
ITAN	SE	351	144	IAML		1448	41.12			77	1.0				
ITAN	SN	351	144	IAML		1448	43.18			78	0.7				
MOKO	SZ	471	142	EP		1448	12.78	0.30							1.0
MOKO	SE	471	142	ES		1449	00.69	1.06							1.0
MOKO	SE	471	142	IAML		1449	08.90			63	0.8				
MOKO	SN	471	142	IAML		1449	16.11			38	0.7				
KOHI	SZ	506	150	EP		1448	17.46	0.83							1.0
HAUL	HN	511	109	ES		1449	08.06	0.14							1.0

December 2 2024 Hour: 0:45 1.8 Lat: 29.61N Lon: 89.24E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SE	261	194	ES		0006	00.29	0.95							1.0
TAWA	SZ	341	130	EP		0005	41.25	0.75							1.0
TAWA	SE	341	130	ES		0006	16.36	0.30							1.0
TAWA	SE	341	130	IAML		0006	20.17			160	0.2				
TAWA	SN	341	130	IAML		0006	20.63			119	0.4				
DHUB	SZ	405	169	EP		0005	48.69	0.41							1.0
DHUB	SE	405	169	ES		0006	29.20	-0.32							1.0
DHUB	SE	405	169	IAML		0006	32.55			72	0.1				
GUWA	SZ	449	147	EP		0005	53.43	-0.35							1.0
GUWA	SN	449	147	ES		0006	37.78	-1.25							1.0
GUWA	SN	449	147	IAML		0006	40.05			32	0.1				

GUWA	SE	449	147	IAML	0006	40.09			32	0.1					
ZIRO	SE	507	116	ES	0006	52.44	1.24								1.0
ZIRO	SE	507	116	IAML	0006	54.67			82	0.3					
ZIRO	SN	507	116	IAML	0006	56.90			86	0.1					
MOKO	SN	634	124	ES	0007	18.81	0.61								1.0
MOKO	SN	634	124	IAML	0007	20.67			25	0.3					
MOKO	SE	634	124	IAML	0007	22.03			30	0.3					
KOHI	SZ	645	131	EP	0006	15.75-1.98									1.0
KOHI	SE	645	131	ES	0007	20.10-0.37									1.0

December 2 2024 Hour: 9:12.1

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN			ES		0902	32.41								
PTH	BZ			EP		0902	07.99								
PTH	BN			ES		0903	04.98								
UTK	BZ			EP		0902	04.31								
UTK	BN			ES		0903	29.42								
ZIRO	SE			ES		0904	15.21								
ALCI	BZ			EP		0904	00.56								
ALCI	BN			ES		0905	50.46								
ALBI	BE			ES		0903	55.84								

December 2 2024 Hour: 16:57 40.7 Lat: 29.44N Lon: 90.18E D: 10.0F

Ag: NCS Local

Magnitudes: 3.3ML NCS

Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	263	141	EP		1658	20.05	0.20							1.0
TAWA	SN	263	141	ES		1658	46.73-1.72								1.0
TAWA	SN	263	141	IAML		1658	52.61			373	0.3				
TAWA	SE	263	141	IAML		1658	53.24			345	1.0				
GTK	SE	281	214	ES		1658	51.62-0.85								1.0
DHUB	SE	379	183	ES		1659	14.08	1.04							1.0
DHUB	SE	379	183	IAML		1659	19.92			103	0.3				
GUWA	SZ	389	157	EP		1658	36.57	1.23							1.0
GUWA	SN	389	157	ES		1659	15.30	0.05							1.0
GUWA	SE	389	157	IAML		1659	22.33			61	0.3				
ZIRO	SZ	417	120	EP		*1658	38.36-0.35								0.0
ZIRO	SE	417	120	ES		1659	21.19	0.47							1.0
ZIRO	SE	417	120	IAML		1659	24.40			86	0.4				
ZIRO	SN	417	120	IAML		1659	26.37			62	0.7				
MOKO	SZ	549	128	EP		1658	54.95	0.08							1.0
MOKO	SE	549	128	ES		1659	49.09	0.05							1.0
KOHI	SZ	566	136	EP		1658	56.52-0.35								1.0
KOHI	SE	566	136	ES		1659	52.77	0.28							1.0

December 3 2024 Hour: 18:33 16.4 Lat: 35.55N Lon: 77.26E D: 14.1

Ag: NCS Local

Magnitudes: 3.3ML NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	148	183	EP		1833	42.20	1.03							1.0
ALCI	BE	148	183	ES		1834	00.19	0.95							1.0
ALCI	BE	148	183	IAML		1834	00.67			267	0.3				
ALCI	BN	148	183	IAML		1834	03.79			83	0.1				
SRIN	BN	280	234	IAML		1833	53.60			395	0.3				
SRIN	BZ	280	234	EP		1833	57.31	0.11							1.0
THN	BN	370	202	ES		1834	46.47	0.41							1.0
DHRM	HZ	377	194	EP		1834	08.00-1.07								1.0
DHRM	HN	377	194	ES		1834	46.84-0.66								1.0
DHRM	HN	377	194	IAML		1835	07.53			28	0.7				
SDNR	BE	446	184	ES		1835	01.77-0.33								1.0
DDI	HZ	584	172	EP		1834	34.26-0.09								1.0
DDI	HN	584	172	ES		1835	30.89-0.35								1.0
DDI	HN	584	172	IAML		1835	47.87			223	0.1				
DDI	HE	584	172	IAML		1835	48.03			172	0.2				

December 3 2024 Hour: 18:54 50.0 Lat: 18.79N Lon: 120.06E D: 34.0F Ag: NCS Distant
Magnitudes: 5.6MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	2610	298	EP		1859	57.08	0.34							1.0
MOKO	SZ	2751	292	EP		1900	08.94	0.52							1.0
KOHI	SZ	2778	291	EP		1900	09.77	-0.79							1.0
CMPI	HZ	2823	285	EP		1900	14.53	0.09							1.0
ZIRO	SZ	2847	295	EP		1900	16.76	0.62							1.0
ITAN	SZ	2849	294	EP		1900	14.75	-1.58							0.9
AZL	SZ	2889	286	EP		1900	19.11	-0.49							1.0
GUWA	SZ	3026	291	EP		1900	30.57	-0.12							1.0
TAWA	SZ	3039	294	EP		1900	33.15	1.44							0.9
JBPL	HZ	4187	284	EP		1902	02.71	0.94							1.0
CHAT	HZ	4287	295	EP		1902	08.86	-0.44							1.0
CNWR	HZ	4295	282	EP		1902	09.18	-0.84							1.0
HYB	HZ	4386	275	EP		1902	18.35	1.45							0.9
BHK	BZ	4538	296	EP		1902	27.84	-0.22							1.0
SDNR	BZ	4543	297	EP		1902	27.38	-1.03							1.0
ALCI	BZ	4565	301	EP		1902	30.96	0.92							1.0
LATR	BZ	4583	277	EP		1902	31.52	-0.03							1.0
DHRM	HZ	4610	298	EP		1902	33.48	0.09							1.0
THN	BZ	4660	298	EP		1902	37.36	0.34							1.0
MYSR	HZ	4705	268	EP		1902	40.19	-0.27							1.0
AJM	BZ	4724	289	EP		1902	41.96	0.15							1.0
JODH	HZ	4882	289	EP		1902	52.21	-1.04							1.0

December 4 2024 Hour: 0:42 8.0 Lat: 30.18N Lon: 91.43E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	290	171	EP		0042	51.51	0.94							1.0
TAWA	SE	290	171	ES		0043	20.97	-0.64							1.0
TAWA	SN	290	171	IAML		0043	24.00			174	0.3				
TAWA	SE	290	171	IAML		0043	24.31			192	0.2				
ITAN	SZ	404	146	EP		0043	03.73	-0.83							1.0
ITAN	SE	404	146	ES		0043	45.32	-0.49							1.0
ITAN	SE	404	146	IAML		0043	46.65			372	0.8				
ITAN	SN	404	146	IAML		0043	51.04			270	1.2				
MOKO	SZ	524	144	EP		0043	20.95	1.74							1.0
MOKO	SE	524	144	ES		0044	11.52	0.35							1.0
MOKO	SE	524	144	IAML		0044	16.60			215	0.7				
MOKO	SN	524	144	IAML		0044	23.75			133	0.3				
HAUL	HZ	548	114	EP		0043	21.00	-0.98							1.0
HAUL	HE	548	114	ES		0044	16.33	0.38							1.0
HAUL	HE	548	114	IAML		0044	17.23			694	0.5				
HAUL	HN	548	114	IAML		0044	17.41			319	0.3				
KOHI	SZ	560	151	EP		0043	22.79	-0.79							1.0
KOHI	SE	560	151	ES		0044	19.03	0.31							1.0
KOHI	SE	560	151	IAML		0044	37.55			39	0.6				
KOHI	SN	560	151	IAML		0044	40.18			41	1.8				

December 4 2024 Hour: 1:57 10.6 Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CNWR	HE			ES		0158	57.58								
JBPL	HN			ES		0159	24.04								
SLPR	HZ			EP		0158	51.00								
SLPR	HN			ES		0159	15.24								
BANG	HE			ES		0200	02.89								
MYSR	HZ			EP		0158	41.90								
MYSR	HN			ES		0200	33.10								
CHT	HZ			EP		0159	14.35								
CHT	HN			ES		0201	40.88								

FBD	HE	ES	0202	19.49
JODH	HZ	EP	0159	28.55
JODH	HE	ES	0202	29.74
CHAT	HZ	EP	0159	47.58
CHAT	HE	ES	0201	41.71
BARM	HN	ES	0202	48.03
BANG	HZ	EP	0158	37.85
KLBG	HN	ES	0158	50.67
CNWR	HZ	EP	0158	18.07
JBPL	HZ	EP	0158	32.83
BHPL	HZ	EP	0158	26.34
BHPL	HE	ES	0159	51.09
BOKR	HZ	EP	0200	08.20
BOKR	HN	ES	0200	48.42
VISK	HZ	EP	0157	52.44
VISK	HN	ES	0158	27.48
POO	HZ	EP	0158	35.42
POO	HN	ES	0200	16.46
DHRM	HZ	EP	0200	20.75
DHRM	HN	ES	0202	52.66
DDI	HE	ES	0203	11.47
DDI	HZ	EP	0200	18.72
GTK	SN	ES	0201	49.55
AGRA	BE	ES	0201	35.22
AJM	BZ	EP	0159	17.04
AJM	BN	ES	0201	51.73
ALCI	BZ	EP	0200	39.75
ALCI	BE	ES	0203	27.53
GUNA	BZ	EP	0158	40.41
GUNA	BE	ES	0200	29.17
BNDA	BE	ES	0200	34.03
BNDA	BZ	EP	0159	54.22
AGRA	BZ	EP	0200	42.72
JMIU	BZ	EP	0159	27.01
JMIU	BN	ES	0202	20.26
JASL	BN	ES	0203	20.51
JASL	BZ	EP	0202	25.12
AYAN	BZ	EP	0159	25.60
AYAN	BE	ES	0201	17.30
BHV	BZ	EP	0158	58.96
BHV	BN	ES	0201	18.33
BOM	BZ	EP	0158	47.08
BOM	BN	ES	0200	05.26
BWNR	BZ	EP	0158	24.50
BWNR	BE	ES	0159	43.32
KNKR	BZ	EP	0157	37.61
KNKR	BN	ES	0158	04.80
KAD	BZ	EP	0159	31.47
KAD	BN	ES	0200	07.77
LATR	BZ	EP	0157	56.32
LATR	BN	ES	0158	54.55
LGTI	BZ	EP	0159	44.14
LGTI	BN	ES	0201	35.07
NGP	BZ	EP	0157	49.33
NGP	BN	ES	0158	29.60
NPL	BZ	EP	0159	30.03
NPL	BN	ES	0201	18.95
RAGD	BN	ES	0158	33.60
RAGD	BZ	EP	0157	49.86
SDNR	BZ	EP	0200	10.84
SDNR	BN	ES	0202	32.59
SRGN	BZ	EP	0202	15.53
SRGN	BN	ES	0203	39.88
VLK	BN	ES	0201	57.40

GUWA SZ EP 0202 16.55
 GUWA SE ES 0203 47.62

December 4 2024 Hour: 23:18 3.1 Lat: 25.52N Lon: 88.89E D: 10.0F Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
COBR	BZ	103	34	EP		2318	20.22	-0.78							1.0
COBR	BE	103	34	ES		2318	33.12	-0.94							1.0
COBR	BE	103	34	IAML		2318	38.61			907	0.3				
COBR	BN	103	34	IAML		2318	40.19			689	0.3				
DHUB	SE	124	63	ES		2318	40.13	0.19							1.0
TURA	SZ	134	90	EP		2318	24.33	-1.66							1.0
TURA	SE	134	90	ES		2318	42.81	0.13							1.0
TURA	SE	134	90	IAML		2318	46.32			34	0.1				
TURA	SN	134	90	IAML		2318	49.00			39	0.4				
GTK	SN	201	352	ES		2318	58.87	0.92							1.0
GUWA	SE	290	75	ES		2319	17.82	1.03							1.0
ZIRO	SN	542	65	ES		2320	10.45	0.58							1.0
ZIRO	SE	542	65	IAML		2320	10.86			9	0.3				
ZIRO	SN	542	65	IAML		2320	10.99			9	0.4				
MOKO	SE	570	80	ES		2320	16.50	0.52							1.0
MOKO	SN	570	80	IAML		2320	23.78			8	0.4				
MOKO	SE	570	80	IAML		2320	24.65			7	0.3				

December 5 2024 Hour: 6:21 25.0 Lat: 32.81N Lon: 73.39E D:110.0F Ag: NCS Regional
Magnitudes: 5.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	191	43	EP		0621	53.93	-0.54							1.0
SRIN	BN	191	43	ES		0622	18.18	2.22							1.0
SRIN	BN	191	43	IAML		0622	23.14			32749	0.5				
SRIN	BE	191	43	IAML		0622	23.22			61492	0.9				
THN	BZ	230	99	EP		0621	56.32	-2.60							0.0
THN	BN	230	99	ES		0622	20.38	-3.29							0.0
TSSA	BZ	260	89	EP		0622	01.16	-1.16							1.0
TSSA	BE	260	89	ES		0622	28.81	-0.75							1.0
TSSA	BN	260	89	IAML		0622	31.47			23311	0.8				
TSSA	BE	260	89	IAML		0622	31.90			16910	0.6				
DHRM	HZ	281	102	EP		0622	06.33	1.52							1.0
DHRM	HN	281	102	ES		0622	33.65	-0.21							1.0
DHRM	HN	281	102	IAML		0622	35.63			55860	0.7				
DHRM	HE	281	102	IAML		0622	36.05			31062	0.9				
SRGN	BZ	323	171	EP		0622	09.66	-0.05							1.0
SRGN	BE	323	171	ES		0622	43.98	1.65							1.0
SDNR	BZ	361	112	EP		0622	12.77	-1.39							1.0
SDNR	BN	361	112	ES		0622	50.28	0.25							1.0
BHK	BZ	370	114	EP		0622	08.53	-6.75							0.0
BHK	BN	370	114	ES		0622	44.49	-7.48							0.0
ALCI	BZ	386	65	EP		0622	17.31	0.14							1.0
ALCI	BE	386	65	ES		0622	55.43	0.19							1.0
ALCI	BE	386	65	IAML		0623	07.94			2735	1.0				
ALCI	BN	386	65	IAML		0623	08.55			2051	0.8				
CGRH	BZ	395	125	EP		0622	18.35	0.14							1.0
CGRH	BN	395	125	ES		0622	57.10	0.06							1.0
BKNR	BZ	511	181	EP		0622	32.64	0.56							1.0
BKNR	BN	511	181	ES		0623	21.22	0.19							1.0
DDI	HZ	522	121	EP		0622	33.31	-0.06							1.0
DDI	HN	522	121	ES		0623	24.27	1.00							1.0
DDI	HN	522	121	IAML		0623	46.43			5027	0.8				
DDI	HE	522	121	IAML		0623	52.06			6062	0.9				
HNLV	BZ	523	89	EP		0622	33.54	-0.11							1.0
HNLV	BN	523	89	ES		0623	24.11	0.36							1.0
UTK	BZ	532	114	EP		0622	33.93	-0.62							1.0

UTK	BN	532	114	ES	0623	25.47	0.17									1.0
UTK	BE	532	114	IAML	0623	45.46			4472	0.4						
UTK	BN	532	114	IAML	0623	47.78			2395	0.7						
NPL	BZ	587	141	EP	0622	39.32	-1.91									1.0
NPL	BN	587	141	ES	0623	36.51	-0.35									1.0
AYAN	BZ	599	142	EP	0622	40.63	-2.06									1.0
AYAN	BN	599	142	ES	0623	39.42	0.04									1.0
FBD	HZ	615	141	EP	0622	43.96	-0.73									1.0
FBD	HE	615	141	ES	0623	43.03	0.19									1.0
SONA	BZ	616	144	EP	0622	43.38	-1.36									1.0
SONA	BE	616	144	ES	0623	43.20	0.26									1.0
CHAT	HZ	653	118	EP	0622	49.62	0.36									1.0
CHAT	HN	653	118	ES	0623	51.11	0.35									1.0
CHAT	HE	653	118	IAML	0624	16.61			3473	0.5						
CHAT	HN	653	118	IAML	0624	22.65			3192	0.7						
AJM	BZ	717	170	EP	0622	57.18	0.21									1.0
JODH	HZ	726	183	EP	0622	58.94	0.89									1.0
JODH	HN	726	183	ES	0624	06.51	0.56									1.0
PTH	BZ	741	117	EP	0622	59.44	-0.34									1.0
PTH	BN	741	117	ES	0624	09.29	0.34									1.0
PTH	BE	741	117	IAML	0624	49.71			554	1.3						
PTH	BN	741	117	IAML	0624	54.48			891	1.5						

December 5 2024 Hour: 11:47 59.5 Lat: 51.92N Lon: 169.84W D: 40.0F Ag: NCS Distant
Magnitudes: 5.9MW NCS Rms: 0.6 secs
Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	7838	291	EP		1159	10.14	-0.38							1.0
ITAN	SZ	8096	292	EP		1159	25.07	0.48							1.0
MOKO	SZ	8115	291	EP		1159	26.32	0.67							1.0
TAWA	SZ	8176	294	EP		1159	29.22	0.45							1.0
KOHI	SZ	8192	291	EP		1159	29.67	-0.04							1.0
IMP	SZ	8278	290	EP		1159	33.94	-0.27							1.0
GUWA	SZ	8306	293	EP		1159	34.71	-0.97							1.0
CMPI	HZ	8433	290	EP		1159	42.62	0.14							1.0
AZL	SZ	8452	291	EP		1159	43.71	0.43							1.0
TURA	SZ	8457	294	EP		1159	42.15	-1.28							0.9
ALCI	BZ	8462	308	EP		1159	44.89	1.44							0.9
THN	BZ	8696	308	EP		1159	55.29	-0.00							1.0
SDNR	BZ	8717	307	EP		1159	56.38	0.00							1.0
CHAT	HZ	8728	304	EP		1159	56.34	-0.65							1.0
DDI	HZ	8763	305	EP		1159	59.12	0.50							1.0
BOKR	HZ	8878	296	EP		1200	05.01	0.49							1.0
KNTI	BZ	8934	296	EP		1200	08.94	1.77							0.9
NPL	BZ	8965	305	EP		1200	08.02	-0.45							1.0
SONA	BZ	9006	305	EP		1200	09.88	-0.58							1.0
SRGN	BZ	9029	308	EP		1200	11.60	0.04							1.0
BNDA	BZ	9065	301	EP		1200	12.88	-0.53							1.0
BWNR	BZ	9193	294	EP		1200	19.94	0.33							1.0
BLSP	BZ	9256	297	EP		1200	21.64	-0.78							1.0
JBPL	HZ	9293	300	EP		1200	23.85	-0.20							1.0
AJM	BZ	9309	306	EP		1200	24.70	-0.03							1.0
GUNA	BZ	9316	302	EP		1200	24.24	-0.87							1.0
JODH	HZ	9412	307	EP		1200	29.17	-0.23							1.0
BHPL	HZ	9438	302	EP		1200	30.97	0.30							1.0
CNWR	HZ	9456	300	EP		1200	31.01	-0.56							1.0
VISK	HZ	9574	294	EP		1200	36.57	-0.31							1.0
HING	HZ	9783	300	EP		1200	46.47	0.52							1.0
HYB	HZ	9897	297	EP		1200	50.52	-0.33							1.0
LATR	BZ	9930	300	EP		1200	52.09	-0.12							1.0
SLPR	HZ10034	300	EP			1200	56.88	0.36							1.0
POO	HZ10078	302	EP			1200	58.95	0.69							1.0
MYSR	HZ10473	296	EP			1201	15.01	0.25							1.0

December 5 2024 Hour: 18:44 37.6

Ag: NCS Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ11460	342	EP			1858	28.31	-8.22							1.0
ZIRO	SZ11512	325	EP			1858	35.65	-2.89							1.0
SRIN	BZ11538	343	EP			1858	24.77	-14.9							1.0
MOKO	SZ11595	324	EP			1858	35.65	-6.27							1.0
TAWA	SZ11599	327	EP			1858	35.65	-6.35							1.0
KOHI	SZ11673	324	EP			1858	38.94	-6.05							1.0
THN	BZ11685	342	EP			1858	37.04	-8.45							1.0
DHRM	HZ11693	342	EP			1858	40.20	-5.61							1.0
SDNR	BZ11751	341	EP			1858	39.08	-9.05							1.0
COBR	BZ11836	328	EP			1858	44.64	-6.81							1.0
DDI	HZ11847	340	EP			1858	43.46	-8.45							1.0
TURA	SZ11878	327	EP			1858	46.19	-6.96							1.0
STMR	BZ11967	332	EP			1858	51.35	-5.34							1.0
SRGN	BZ12003	343	EP			1858	47.26	-10.9							1.0
JMIU	BZ12055	340	EP			1858	48.41	-11.8							1.0
AYAN	BZ12070	340	EP			1858	52.62	-8.22							1.0
SONA	BZ12096	340	EP			1858	55.44	-6.37							1.0
JMUI	BZ12112	330	EP			1858	56.85	-5.61							1.0
HAUL	HZ11326	324	EP			1858	23.36	-7.72							1.0
AZL	SZ11934	324	EP			1858	48.83	-6.59							1.0
CHAT	HZ11853	338	EP			1858	45.81	-6.40							1.0
CMPI	HZ11927	324	EP			1858	49.52	-5.79							1.0
GUWA	SZ11744	326	EP			1858	40.26	-7.57							1.0
ITAN	SZ11555	325	EP			1858	34.99	-5.27							1.0

December 6 2024 Hour: 17:14 57.5 Lat: 1.35N Lon: 121.81E D: 35.0F

Ag: NCS Distant

Magnitudes: 5.6MW NCS

Rms: 0.7 secs

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	3999	311	EP		1721	53.95	-0.76							1.0
KOHI	SZ	4012	315	EP		1721	54.36	-1.32							0.9
MOKO	SZ	4021	316	EP		1721	55.57	-0.87							1.0
ITAN	SZ	4140	316	EP		1722	05.81	0.33							1.0
GUWA	SZ	4237	313	EP		1722	12.21	-0.66							1.0
TAWA	SZ	4316	315	EP		1722	19.87	1.14							1.0
TURA	SZ	4317	311	EP		1722	18.65	-0.14							1.0
BWNR	BZ	4437	301	EP		1722	28.20	0.32							1.0
JPG	BZ	4506	311	EP		1722	33.88	0.97							1.0
VISK	HZ	4580	296	EP		1722	39.26	0.84							1.0
BOKR	HZ	4600	306	EP		1722	40.45	0.51							1.0
RAGD	BZ	4625	298	EP		1722	42.45	0.67							1.0
VJD	BZ	4812	293	EP		1722	56.31	0.89							1.0
VAR	BZ	4935	306	EP		1723	04.48	0.20							1.0
CHT	HZ	5022	282	EP		1723	10.59	0.06							0.0
BANG	HZ	5043	287	EP		1723	11.79	-0.22							1.0
HYB	HZ	5054	293	EP		1723	13.00	0.15							1.0
JBPL	HZ	5124	301	EP		1723	18.07	0.34							1.0
NGP	BZ	5131	298	EP		1723	18.27	0.09							1.0
BRCH	BZ	5174	308	EP		1723	22.07	0.77							1.0
CNWR	HZ	5175	300	EP		1723	21.64	0.24							1.0
BNDA	BZ	5188	305	EP		1723	22.09	-0.17							1.0
KLBG	HZ	5227	293	EP		1723	25.38	0.40							1.0
LATR	BZ	5290	294	EP		1723	29.33	-0.17							1.0
AKL	BZ	5315	297	EP		1723	31.20	0.04							1.0
SLPR	HZ	5331	293	EP		1723	32.38	0.09							1.0
BHPL	HZ	5367	300	EP		1723	34.19	-0.55							1.0
GUNA	BZ	5431	302	EP		1723	39.17	-0.04							1.0
CHAT	HZ	5487	309	EP		1723	42.17	-0.91							1.0
KAD	BZ	5500	292	EP		1723	43.29	-0.64							1.0
ASOR	BZ	5570	307	EP		1723	48.48	-0.24							1.0
FBD	HZ	5595	307	EP		1723	49.60	-0.88							1.0

JMIU	BZ	5604	307	EP	1723	50.18-0.87	1.0
UTK	BZ	5607	310	EP	1723	51.12-0.11	1.0
AYAN	BZ	5615	307	EP	1723	50.75-1.07	1.0
NPL	BZ	5618	307	EP	1723	51.21-0.77	1.0
DDI	HZ	5620	309	EP	1723	51.61-0.53	1.0
UJWA	BZ	5637	307	EP	1723	52.77-0.55	1.0
BOM	BZ	5683	293	EP	1723	55.60-0.85	1.0
CGRH	BZ	5751	309	EP	1724	02.13 1.19	1.0
SRAT	HZ	5753	296	EP	1724	00.39-0.67	1.0
BHK	BZ	5769	310	EP	1724	06.37 4.15	0.4
SDNR	BZ	5779	310	EP	1724	03.28 0.42	1.0
BHV	BZ	5832	297	EP	1724	06.05-0.32	1.0
DHRM	HZ	5865	311	EP	1724	09.38 0.77	1.0
ALCI	BZ	5892	313	EP	1724	11.01 0.59	1.0
JODH	HZ	5897	302	EP	1724	10.80 0.07	1.0
THN	BZ	5916	311	EP	1724	12.65 0.62	1.0
SRGN	BZ	5968	307	EP	1724	14.94-0.46	1.0
BARM	HZ	6034	301	EP	1724	20.18 0.48	1.0
SRIN	BZ	6079	312	EP	1724	23.60 0.89	1.0
JASL	BZ	6123	302	EP	1724	25.39-0.14	1.0
BHUJ	HZ	6124	298	EP	1724	25.61-0.01	1.0

December 6 2024 Hour: 20:53 44.4 Lat: 25.88N Lon: 90.04E D: 5.0F Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHUB	SE	17	343	ES		2053	48.85-0.79								1.0
DHUB	SE	17	343	IAML		2053	49.22			1226	0.1				
TURA	SZ	44	156	EP		2053	51.61-0.49								1.0
TURA	SE	44	156	ES		2053	57.82 0.13								1.0
TURA	SE	44	156	IAML		2053	58.64			420	0.1				
TURA	SN	44	156	IAML		2053	59.13			259	0.2				
GTK	SN	215	318	ES		2054	43.97 0.74								1.0
TAWA	SZ	263	43	EP		2054	24.35 0.12								1.0
TAWA	SN	263	43	ES		2054	53.56 0.29								1.0
TAWA	SN	263	43	IAML		2054	56.68			37	0.3				
TAWA	SE	263	43	IAML		2054	57.01			77	0.1				

December 6 2024 Hour: 20:56 14.6 Lat: 31.38N Lon: 76.84E D: 3.8 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHK	BZ	10	79	EP		2056	23.52 7.03								0.0
BHK	BE	10	79	ES		2056	31.12 13.3								0.0
DHRM	HZ	109	332	EP		2056	32.62-0.90								1.0
DHRM	HN	109	332	ES		2056	48.04 0.72								1.0
DHRM	HE	109	332	IAML		2056	52.12			257	0.4				
DHRM	HN	109	332	IAML		2056	53.37			452	0.5				
THN	BZ	153	321	EP		2056	40.64-0.32								1.0
THN	BN	153	321	ES		2057	00.50 0.31								1.0
DDI	HZ	165	135	EP		2056	41.33-1.28								1.0
DDI	HN	165	135	ES		2057	03.28 0.23								1.0
DDI	HE	165	135	IAML		2057	03.33			547	0.2				
DDI	HN	165	135	IAML		2057	03.45			500	0.5				
CHAT	HZ	292	124	EP		2056	59.28 1.08								1.0
CHAT	HN	292	124	ES		2057	30.14 0.13								1.0
CHAT	HN	292	124	IAML		2057	35.33			241	0.7				
CHAT	HE	292	124	IAML		2057	36.37			287	0.4				
ALCI	BZ	316	6	EP		2057	01.95 0.84								1.0
ALCI	BN	316	6	ES		2057	34.26-0.80								1.0
ALCI	BE	316	6	IAML		2057	44.16			61	0.4				
ALCI	BN	316	6	IAML		2057	47.56			80	0.4				

December 7 2024 Hour: 6:44 40.6

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CNWR	HN			ES		0646	18.20								
LATR	BZ			EP		0645	08.28								
LATR	BN			ES		0646	07.71								
CNWR	HZ			EP		0645	54.24								
HYB	HZ			EP		0645	24.58								
HYB	HE			ES		0646	08.72								
KLBG	HE			ES		0646	17.28								
SLPR	HE			ES		0646	15.56								
BHPL	HZ			EP		0645	35.03								
BHPL	HE			ES		0646	15.96								
RAGD	BZ			EP		0645	31.12								
RAGD	BN			ES		0646	21.32								
KAD	BE			ES		0645	53.89								
GUNA	BE			ES		0646	20.82								

December 7 2024 Hour: 17: 8 35.1

Lat: 30.17N Lon: 80.31E

D: 10.0F

Ag: NCS Local

Magnitudes: 3.9ML NCS

Rms: 0.9 secs

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	89	194	EP		1708	50.13-0.61								1.0
LGTI	BN	89	194	ES		1709	02.04-0.09								1.0
LGTI	BN	89	194	IAML		1709	05.76			473	0.2				
CHAT	HZ	98	251	EP		1708	50.21-2.02								1.0
CHAT	HN	98	251	ES		1709	03.69-1.02								1.0
CHAT	HN	98	251	IAML		1709	06.43			7774	0.4				
CHAT	HE	98	251	IAML		1709	11.80			8815	0.4				
UTK	BZ	190	289	EP		1709	03.43-1.96								1.0
UTK	BE	190	289	ES		1709	27.67 0.20								1.0
UTK	BN	190	289	IAML		1709	29.64			4218	0.7				
UTK	BE	190	289	IAML		1709	29.96			5515					
DDI	HZ	218	275	EP		1709	09.59 0.74								1.0
DDI	HN	218	275	ES		1709	34.89 1.43								1.0
DDI	HN	218	275	IAML		1709	37.77			5570	0.6				
DDI	HE	218	275	IAML		1709	38.40			2862	1.3				
ASOR	BE	293	238	ES		1709	49.75 0.53								1.0
ASOR	BE	293	238	IAML		1709	58.97			1614	0.5				
ASOR	BN	293	238	IAML		1710	02.33			1637	0.4				
BHK	BZ	350	294	EP		1709	24.76-0.31								1.0
BHK	BN	350	294	IAML		1710	31.00			252	0.4				
BHK	BE	350	294	IAML		1710	31.24			333	0.3				
SDNR	BZ	359	296	EP		1709	25.69-0.45								1.0
AYAN	BZ	363	240	EP		1709	27.18 0.63								1.0
AYAN	BN	363	240	IAML		1710	22.49			185	0.4				
AYAN	BE	363	240	IAML		1710	24.99			290	1.1				
UJWA	BZ	375	242	EP		1709	28.01-0.06								1.0
UJWA	BN	375	242	ES		1710	07.85 1.14								1.0
UJWA	BN	375	242	IAML		1710	26.51			783	0.8				
UJWA	BE	375	242	IAML		1710	27.37			1159	0.4				
DHRM	HZ	446	302	EP		1709	36.52-0.22								1.0
DHRM	HE	446	302	ES		1710	21.60-0.11								1.0
THN	BZ	498	302	EP		1709	44.22 1.19								1.0
ALCI	BZ	537	327	EP		1709	48.18 0.37								1.0
BHPL	HZ	820	201	EP		1710	22.06-0.27								1.0
BHPL	HE	820	201	ES		1711	41.50 0.92								1.0
BHPL	HN	820	201	IAML		1711	45.62			55	0.7				
BHPL	HE	820	201	IAML		1711	46.37			80	0.2				

December 7 2024 Hour: 18: 0 18.8 Lat: 30.77N Lon: 92.46E D: 15.0F														Ag: NCS	Regional
Magnitudes: 4.3ML NCS														Rms: 0.8 secs	
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	357	189	EP		1801	07.28	-1.60							1.0
TAWA	SE	357	189	ES		1801	36.04	-9.36							0.0
TAWA	SE	357	189	IAML		1801	39.78			487	0.6				
TAWA	SN	357	189	IAML		1801	43.72			744	1.0				
ZIRO	SE	384	159	ES		1801	50.00	-1.23							1.0
ZIRO	SE	384	159	IAML		1801	52.99			3034	0.5				
ZIRO	SN	384	159	IAML		1801	53.65			2961	0.7				
ITAN	SZ	420	163	EP		1801	18.16	1.49							1.0
ITAN	SE	420	163	ES		1801	58.21	-0.67							1.0
ITAN	SE	420	163	IAML		1802	00.26			1514	0.6				
ITAN	SN	420	163	IAML		1802	04.77			1321	2.4				
HAUL	HZ	494	126	EP		1801	25.89	0.23							1.0
HAUL	HE	494	126	ES		1802	15.40	0.97							1.0
HAUL	HE	494	126	IAML		1802	31.15			1108	0.6				
HAUL	HN	494	126	IAML		1802	34.94			821	0.6				
GUWA	SZ	513	189	EP		1801	27.83	-0.14							1.0
GUWA	SE	513	189	ES		1802	19.23	0.80							1.0
MOKO	SZ	532	157	EP		1801	29.59	-0.82							1.0
MOKO	SE	532	157	ES		1802	23.02	0.36							1.0
MOKO	SE	532	157	IAML		1802	32.25			550	0.5				
MOKO	SN	532	157	IAML		1802	40.74			482	0.7				
GTK	SE	536	225	ES		1802	23.95	0.62							1.0
TURA	SZ	622	201	EP		1801	40.76	-0.51							1.0
TURA	SE	622	201	ES		1802	41.93	0.48							1.0
AZL	SE	779	178	ES		1803	14.73	0.01							1.0

December 7 2024 Hour: 18: 7 39.0 Lat: 29.73N Lon: 91.89E D: 5.0F														Ag: NCS	Regional
Magnitudes: 3.4ML NCS														Rms: 0.7 secs	
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	237	181	EP		1808	14.77	-0.80							1.0
TAWA	SE	237	181	ES		1808	42.57	0.29							1.0
TAWA	SE	237	181	IAML		1808	43.26			55	0.2				
TAWA	SN	237	181	IAML		1808	43.65			2221	0.2				
ZIRO	SE	310	141	ES		1808	56.99	-0.89							1.0
ZIRO	SE	310	141	IAML		1808	59.17			620	0.7				
ITAN	SZ	338	147	EP		1808	28.20	0.23							1.0
ITAN	SE	338	147	ES		1809	04.66	0.92							1.0
ITAN	SE	338	147	IAML		1809	05.10			185	0.6				
ITAN	SN	338	147	IAML		1809	05.28			111	1.2				
MOKO	SZ	457	145	EP		1808	43.24	0.65							1.0
MOKO	SE	457	145	ES		1809	28.64	-0.39							1.0
MOKO	SE	457	145	IAML		1809	35.78			96	0.9				
MOKO	SN	457	145	IAML		1809	42.33			76	0.6				

December 7 2024 Hour: 20:46 25.2														Ag: NCS	Regional
STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDNR	BZ			EP		2047	32.37								
SDNR	BN			ES		2049	06.22								
DHRM	HZ			EP		2048	55.67								
DHRM	HN			ES		2050	21.09								
ALCI	BE			ES		2049	37.08								
ALCI	BZ			EP		2048	29.59								

December 7 2024 Hour: 22: 7 50.4 Lat: 29.45N Lon: 94.92E D: 17.1 Ag: NCS Regional

Magnitudes: 4.6ML NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	218	134	EP		2208	24.18	0.90							1.0
HAUL	HE	218	134	ES		2208	46.80	-0.47							1.0
HAUL	HE	218	134	IAML		2208	48.00			34381	0.4				
HAUL	HN	218	134	IAML		2208	49.77			35157	0.4				
ZIRO	SE	238	206	ES		2208	51.45	-0.02							1.0
ZIRO	SE	238	206	IAML		2208	59.71			12715	0.5				
ITAN	SZ	282	205	EP		2208	31.25	0.20							1.0
ITAN	SE	282	205	ES		2209	01.32	0.59							1.0
ITAN	SN	282	205	IAML		2209	08.64			3820	0.3				
ITAN	SE	282	205	IAML		2209	11.16			6999	0.9				
MOKO	SZ	349	187	EP		2208	35.59	-3.78							0.0
MOKO	SE	349	187	ES		2209	14.98	-0.14							1.0
MOKO	SE	349	187	IAML		2209	27.13			1531	0.5				
MOKO	SN	349	187	IAML		2209	28.51			1611	0.7				
TAWA	SZ	363	236	EP		2208	42.00	1.04							1.0
TAWA	SN	363	236	ES		2209	18.78	0.92							1.0
TAWA	SN	363	236	IAML		2209	32.79			16940	0.9				
TAWA	SE	363	236	IAML		2209	33.27			11104	0.7				
GUWA	SZ	481	222	EP		2208	55.62	0.18							1.0
GUWA	SN	481	222	ES		2209	43.04	0.12							1.0
GUWA	SE	481	222	IAML		2210	01.20			1351	0.8				
GUWA	SN	481	222	IAML		2210	01.63			1183	0.7				
TURA	SZ	637	228	EP		2209	12.58	-1.79							1.0
TURA	SN	637	228	ES		2210	15.31	-0.36							1.0
TURA	SE	637	228	IAML		2210	18.53			756	0.2				
TURA	SN	637	228	IAML		2210	19.45			909	0.4				
GTK	SE	663	251	ES		2210	20.74	-0.48							1.0
GTK	SE	663	251	IAML		2210	24.89			266	0.5				
GTK	SN	663	251	IAML		2210	30.85			264	0.9				
AZL	SZ	671	200	EP		2209	18.21	-0.37							1.0
AZL	SE	671	200	ES		2210	22.74	-0.21							1.0
CMPI	HZ	679	194	EP		2209	19.64	-0.15							1.0
CMPI	HN	679	194	ES		2210	25.11	0.06							1.0
CMPI	HN	679	194	IAML		2210	32.16			330	0.4				
CMPI	HE	679	194	IAML		2210	33.98			499	0.2				

December 8 2024 Hour: 1:31 19.4

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ			EP		0132	56.10								
TURA	SE			ES		0134	01.37								
DHRM	HN			ES		0136	11.01								
TAWA	SZ			EP		0131	47.42								
TAWA	SN			ES		0133	09.30								
DHRM	HZ			EP		0135	23.22								
GTK	SN			ES		0132	27.74								

December 8 2024 Hour: 10:25 0.4 Lat: 48.81N Lon: 152.42E D:200.0F

Ag: NCS Distant

Magnitudes: 5.8MW NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	5249	265	EP		1033	11.98	-1.42							0.0
ITAN	SZ	5524	266	EP		1033	31.93	-0.42							1.0
MOKO	SZ	5528	265	EP		1033	32.78	0.15							1.0
TAWA	SZ	5627	268	EP		1033	41.10	1.83							0.9
IMP	SZ	5682	264	EP		1033	40.89	-2.09							0.9
GUWA	SZ	5744	267	EP		1033	45.86	-1.31							0.9
CMPI	HZ	5831	263	EP		1033	53.81	0.67							1.0
AZL	SZ	5858	264	EP		1033	54.02	-0.68							1.0
COBR	BZ	5900	269	EP		1033	58.65	1.21							1.0

TURA	SZ	5903	268	EP	1033	56.49-1.13	1.0
STMR	BZ	6173	272	EP	1034	16.08 0.87	1.0
ALCI	BZ	6219	285	EP	1034	19.41 1.34	0.9
PTH	BZ	6335	279	EP	1034	25.18-0.25	1.0
BOKR	HZ	6352	269	EP	1034	27.91 1.25	0.9
CHAT	HZ	6374	279	EP	1034	27.41-0.56	1.0
UTK	BZ	6379	281	EP	1034	28.21 0.06	1.0
BRCH	BZ	6382	276	EP	1034	29.42 0.95	1.0
TSSA	BZ	6392	284	EP	1034	28.82-0.18	1.0
KNTI	BZ	6413	270	EP	1034	30.45 0.04	1.0
DHRM	HZ	6422	284	EP	1034	30.99 0.03	1.0
SDNR	BZ	6430	283	EP	1034	31.24-0.22	1.0
DDI	HZ	6437	281	EP	1034	30.90-0.91	1.0
BHK	BZ	6439	282	EP	1034	32.06 0.07	1.0
CGRH	BZ	6498	282	EP	1034	36.01 0.33	1.0
ASOR	BZ	6573	280	EP	1034	40.41 0.10	1.0
BISR	BZ	6611	280	EP	1034	42.62-0.03	1.0
JMIU	BZ	6621	280	EP	1034	43.10-0.21	1.0
NPL	BZ	6625	280	EP	1034	43.38-0.13	1.0
FBD	HZ	6631	280	EP	1034	43.59-0.37	1.0
BNDA	BZ	6631	275	EP	1034	43.58-0.41	1.0
BWNR	BZ	6632	267	EP	1034	44.56 0.44	1.0
AYAN	BZ	6640	280	EP	1034	44.15-0.37	1.0
UJWA	BZ	6649	280	EP	1034	44.59-0.44	1.0
JHJR	BZ	6661	280	EP	1034	45.54-0.20	1.0
BLSP	BZ	6755	271	EP	1034	51.40-0.20	1.0
SRGN	BZ	6766	283	EP	1034	51.87-0.27	1.0
JBPL	HZ	6834	273	EP	1034	55.67-0.67	1.0
RAGD	BZ	6885	268	EP	1035	00.36 0.84	1.0
GUNA	BZ	6914	276	EP	1035	00.92-0.24	1.0
BKNR	BZ	6938	282	EP	1035	03.12 0.57	1.0
AJM	BZ	6975	280	EP	1035	05.00 0.20	1.0
CNWR	HZ	6997	273	EP	1035	06.36 0.20	1.0
BHPL	HZ	7015	275	EP	1035	06.77-0.43	1.0
VISK	HZ	7015	266	EP	1035	07.39 0.17	1.0
NGP	BZ	7057	272	EP	1035	09.46-0.20	1.0
JASL	BZ	7206	283	EP	1035	18.75 0.46	1.0
AKL	BZ	7243	273	EP	1035	21.43 0.82	1.0
VJD	BZ	7308	268	EP	1035	25.23 0.85	1.0
HING	HZ	7320	273	EP	1035	25.43 0.37	1.0
HYB	HZ	7390	270	EP	1035	29.60 0.50	1.0
LATR	BZ	7460	272	EP	1035	33.12 0.03	1.0
BHV	BZ	7517	278	EP	1035	36.54 0.37	1.0
SRAT	HZ	7520	277	EP	1035	36.14-0.19	1.0
KLBG	HZ	7524	271	EP	1035	36.90 0.28	1.0
SLPR	HZ	7563	272	EP	1035	37.66-1.21	1.0
POO	HZ	7647	274	EP	1035	40.71-2.76	0.8
KAD	BZ	7719	273	EP	1035	47.68 0.16	1.0
BANG	HZ	7816	267	EP	1035	52.17-0.69	1.0
SUPA	HZ	7858	271	EP	1035	55.23 0.05	1.0
SALM	BZ	7884	266	EP	1035	56.78 0.16	1.0
CHT	HZ	8104	265	EP	1036	08.21-0.12	1.0
TRVM	HZ	8230	265	EP	1036	15.26 0.31	1.0

December 8 2024 Hour: 17:38 3.2 Lat: 29.99N Lon: 92.60E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.5 secs

Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	275	195	EP		1738	42.80-1.08								1.0
TAWA	SE	275	195	ES		1739	07.82-5.72								0.0
TAWA	SE	275	195	IAML		1739	09.42			95	0.3				
TAWA	SN	275	195	IAML		1739	11.08			129	0.2				
ZIRO	SE	299	156	ES		1739	18.63-0.00								1.0
ZIRO	SE	299	156	IAML		1739	26.38			326	0.6				

JPG	BZ	8020	290	EP	2008	35.01	1.42	0.9
ALCI	BZ	8091	303	EP	2008	38.62	1.36	0.9
DHRM	HZ	8312	303	EP	2008	50.32	1.39	0.9
CHAT	HZ	8332	299	EP	2008	50.04	0.02	1.0
DDI	HZ	8373	300	EP	2008	51.62	-0.48	1.0
BRCH	BZ	8391	296	EP	2008	53.06	-0.06	1.0
CGRH	BZ	8415	301	EP	2008	54.26	0.04	1.0
BOKR	HZ	8436	290	EP	2008	55.54	-0.00	1.0
JMIU	BZ	8571	300	EP	2009	02.68	0.43	1.0
AYAN	BZ	8589	300	EP	2009	03.40	0.20	1.0
BNDA	BZ	8649	295	EP	2009	05.09	-1.16	1.0
BWNR	BZ	8741	288	EP	2009	11.11	0.16	1.0
BKNR	BZ	8844	302	EP	2009	15.92	0.14	1.0
JBPL	HZ	8871	294	EP	2009	17.81	0.64	1.0
GUNA	BZ	8909	297	EP	2009	19.53	0.49	1.0
JODH	HZ	9030	301	EP	2009	23.85	-0.90	1.0
CNWR	HZ	9034	294	EP	2009	26.27	1.14	1.0
JASL	BZ	9098	303	EP	2009	29.15	1.25	0.9
VISK	HZ	9123	288	EP	2009	28.17	-1.17	1.0
HYB	HZ	9463	292	EP	2009	45.14	0.12	1.0
BHV	BZ	9485	299	EP	2009	44.79	-1.02	1.0
BHUJ	HZ	9500	302	EP	2009	46.45	-0.03	1.0
SRAT	HZ	9501	298	EP	2009	46.52	-0.02	1.0
KLBG	HZ	9582	293	EP	2009	49.21	-1.05	1.0
SLPR	HZ	9610	294	EP	2009	51.63	0.11	1.0
BOM	BZ	9698	297	EP	2009	54.42	-0.90	1.0
ATP	HZ	9768	291	EP	2009	56.46	-1.90	0.9
BANG	HZ	9912	290	EP	2010	03.22	-1.26	0.9
MYSR	HZ	10031	290	EP	2010	09.74	0.27	1.0
CHT	HZ	10217	288	EP	2010	18.19	0.96	1.0
AJM	BZ	8920	300	EP	2009	18.33	-1.18	1.0
SDNR	BZ			EP	2008	49.91		
THN	BZ			EP	2008	49.23		
UJWA	BZ			EP	2009	03.45		
VAR	BZ			EP	2008	57.35		
NPL	BZ			EP	2009	02.49		
NGP	BZ			EP	2009	28.17		
LATR	BZ			EP	2009	46.85		
KAD	BZ			EP	2009	57.07		
RAGD	BZ			EP	2009	23.50		
SRGN	BZ			EP	2009	05.99		
SRIN	BZ			EP	2008	45.86		
STMR	BZ			EP	2008	45.28		
UTK	BZ			EP	2008	48.78		

December 8 2024 Hour: 21: 2 48.0 Lat: 50.34N Lon: 176.41W D: 20.0F Ag: NCS Distant
 Magnitudes: 5.9MW NCS Rms: 0.8 secs

Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	7459	287	EP		2113	40.28	-0.19							1.0
ITAN	SZ	7724	288	EP		2113	55.54	0.00							1.0
MOKO	SZ	7737	287	EP		2113	56.23	-0.06							1.0
TAWA	SZ	7813	290	EP		2114	01.06	0.65							1.0
GUWA	SZ	7939	289	EP		2114	05.90	-1.45							0.9
CMPI	HZ	8049	286	EP		2114	13.18	-0.37							1.0
AZL	SZ	8072	286	EP		2114	14.88	0.32							1.0
COBR	BZ	8080	290	EP		2114	15.10	0.19							1.0
JPG	BZ	8110	291	EP		2114	18.63	2.15							0.9
ALCI	BZ	8194	304	EP		2114	20.93	0.13							1.0
STMR	BZ	8319	294	EP		2114	27.47	-0.03							1.0
SRIN	BZ	8347	306	EP		2114	30.50	1.71							0.9
DHRM	HZ	8414	303	EP		2114	31.75	-0.58							1.0
UTK	BZ	8415	301	EP		2114	33.16	0.82							1.0
THN	BZ	8427	304	EP		2114	34.48	1.51							0.9

CHAT	HZ	8431	300	EP	2114	33.20-0.05	1.0
SDNR	BZ	8439	303	EP	2114	33.60-0.01	1.0
BHK	BZ	8450	302	EP	2114	34.13-0.03	1.0
DDI	HZ	8474	301	EP	2114	34.64-0.73	1.0
BRCH	BZ	8487	297	EP	2114	35.18-1.00	1.0
CGRH	BZ	8516	302	EP	2114	37.95 0.43	1.0
BOKR	HZ	8526	291	EP	2114	38.09-0.18	1.0
VAR	BZ	8592	294	EP	2114	42.44 0.95	1.0
ASOR	BZ	8626	300	EP	2114	41.94-1.17	1.0
JMIU	BZ	8671	300	EP	2114	45.27-0.12	1.0
NPL	BZ	8673	300	EP	2114	45.54 0.09	1.0
AYAN	BZ	8689	300	EP	2114	44.89-1.46	0.9
UJWA	BZ	8695	301	EP	2114	47.31 0.72	1.0
JHJR	BZ	8704	301	EP	2114	47.94 0.95	1.0
BNDA	BZ	8745	296	EP	2114	48.13-1.04	1.0
SRGN	BZ	8759	304	EP	2114	49.96 0.21	1.0
BWNR	BZ	8828	289	EP	2114	53.48 0.06	1.0
BKNR	BZ	8946	303	EP	2114	59.14 0.24	1.0
GUNA	BZ	9007	298	EP	2115	01.08-0.84	1.0
AJM	BZ	9020	301	EP	2115	01.73-0.79	1.0
RAGD	BZ	9073	290	EP	2115	05.89 0.66	1.0
BHPL	HZ	9123	297	EP	2115	05.72-1.72	0.9
CNWR	HZ	9129	295	EP	2115	06.40-1.41	0.9
JODH	HZ	9131	302	EP	2115	06.93-0.81	1.0
NGP	BZ	9198	294	EP	2115	10.75-0.22	1.0
JASL	BZ	9200	304	EP	2115	10.80-0.14	1.0
VISK	HZ	9211	289	EP	2115	12.17 0.50	1.0
BARM	HZ	9274	303	EP	2115	13.78-0.60	1.0
HYB	HZ	9555	292	EP	2115	27.18-0.20	1.0
BHV	BZ	9584	300	EP	2115	28.28-0.21	1.0
SRAT	HZ	9600	299	EP	2115	29.58 0.40	1.0
LATR	BZ	9601	295	EP	2115	30.53 1.12	1.0
BHUJ	HZ	9602	303	EP	2115	30.26 1.00	1.0
KLBG	HZ	9675	294	EP	2115	33.80 1.18	1.0
SLPR	HZ	9704	295	EP	2115	34.33 0.41	1.0
POO	HZ	9762	297	EP	2115	35.83-0.47	1.0
BOM	BZ	9795	298	EP	2115	37.35-0.43	1.0
KAD	BZ	9848	296	EP	2115	39.51-0.48	1.0
BANG	HZ	10002	290	EP	2115	46.58 0.02	1.0
MYSR	HZ	10121	291	EP	2115	52.24 0.69	1.0

December 9 2024 Hour: 0:15 28.1 Lat: 51.21N Lon: 176.14W D: 10.0

Ag: NCS Distant

Magnitudes: 6.1MW NCS

Rms: 0.6 secs

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ	7449	287	EP		0026	21.69	0.02							1.0
ITAN	SZ	7713	288	EP		0026	36.01	-0.62							1.0
MOKO	SZ	7727	287	EP		0026	38.40	0.90							1.0
TAWA	SZ	7799	289	EP		0026	42.39	1.03							1.0
GUWA	SZ	7926	289	EP		0026	47.99	-0.40							1.0
CMPI	HZ	8041	286	EP		0026	54.72	-0.16							1.0
AZL	SZ	8063	286	EP		0026	56.37	0.53							1.0
COBR	BZ	8064	290	EP		0026	55.73	-0.08							1.0
ALCI	BZ	8155	304	EP		0027	01.23	0.72							1.0
STMR	BZ	8297	294	EP		0027	08.27	0.12							1.0
SRIN	BZ	8306	306	EP		0027	08.81	0.39							1.0
DHRM	HZ	8377	303	EP		0027	12.12	-0.03							1.0
THN	BZ	8389	304	EP		0027	13.65	0.89							1.0
CHAT	HZ	8399	300	EP		0027	13.40	0.02							1.0
SDNR	BZ	8403	303	EP		0027	13.21	-0.29							1.0
DDI	HZ	8440	301	EP		0027	15.45	0.04							1.0
BRCH	BZ	8460	297	EP		0027	16.73	0.15							1.0
CGRH	BZ	8481	302	EP		0027	18.00	0.53							1.0
BOKR	HZ	8509	291	EP		0027	19.63	0.48							1.0

VAR	BZ	8569	294	EP	0027	21.72-0.40	1.0
ASOR	BZ	8593	300	EP	0027	23.19-0.05	1.0
JMIU	BZ	8638	300	EP	0027	25.29-0.23	1.0
NPL	BZ	8640	301	EP	0027	24.41-1.16	1.0
AYAN	BZ	8657	300	EP	0027	25.10-1.37	0.9
UJWA	BZ	8662	301	EP	0027	26.56-0.14	1.0
JHJR	BZ	8670	301	EP	0027	27.22 0.13	1.0
BNDA	BZ	8719	296	EP	0027	28.51-1.14	1.0
SRGN	BZ	8721	304	EP	0027	29.25-0.39	1.0
BWNR	BZ	8815	289	EP	0027	34.14-0.39	1.0
BKNR	BZ	8909	303	EP	0027	39.67 0.78	1.0
GUNA	BZ	8978	298	EP	0027	41.69-0.62	1.0
AJM	BZ	8987	301	EP	0027	42.40-0.28	1.0
RAGD	BZ	9057	290	EP	0027	45.94-0.33	1.0
BHPL	HZ	9096	297	EP	0027	47.33-0.60	1.0
JODH	HZ	9096	302	EP	0027	47.51-0.34	1.0
CNWR	HZ	9105	295	EP	0027	47.85-0.60	1.0
JASL	BZ	9162	304	EP	0027	50.70-0.21	1.0
NGP	BZ	9175	295	EP	0027	51.32-0.35	1.0
VISK	HZ	9197	289	EP	0027	53.92 1.12	1.0
BARM	HZ	9237	303	EP	0027	54.78 0.33	1.0
HYB	HZ	9535	293	EP	0028	08.22-0.06	1.0
BHV	BZ	9552	300	EP	0028	09.56 0.71	1.0
BHUJ	HZ	9565	303	EP	0028	10.60 1.18	1.0
LATR	BZ	9578	295	EP	0028	09.62-0.53	1.0
KLBG	HZ	9654	294	EP	0028	13.64 0.19	1.0
SLPR	HZ	9681	295	EP	0028	14.14-0.54	1.0
POO	HZ	9735	297	EP	0028	19.07 2.14	0.9
BOM	BZ	9767	298	EP	0028	18.19-0.16	1.0
KAD	BZ	9823	296	EP	0028	20.38-0.32	1.0
BANG	HZ	9985	291	EP	0028	26.75-0.90	1.0
MYSR	HZ10104	291	EP	0028	32.39-0.23	1.0	
CHT	HZ10291	289	EP	0028	40.64 0.23	1.0	
TRVM	HZ10423	288	EP	0028	46.69 0.83	1.0	

December 9 2024 Hour: 0:39 3.8

Ag: NCS Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITAN	SZ	7529	286	EP		0049	59.88-2.14								1.0
MOKO	SZ	7543	285	EP		0050	01.51-1.34								1.0
TAWA	SZ	7617	288	EP		0050	08.83 1.91								1.0
GUWA	SZ	7743	287	EP		0050	12.09-1.96								1.0
CMPI	HZ	7856	284	EP		0050	22.67 2.14								1.0
AZL	SZ	7878	284	EP		0050	21.47-0.07								1.0
COBR	BZ	7883	288	EP		0050	21.67-0.03								1.0
JPG	BZ	7913	289	EP		0050	27.23 3.95								1.0
ALCI	BZ	7993	302	EP		0050	30.17 2.67								1.0
STMR	BZ	8120	292	EP		0050	33.04-1.43								1.0
SRIN	BZ	8146	304	EP		0050	37.56 1.87								1.0
DHRM	HZ	8213	302	EP		0050	35.92-3.38								1.0
THN	BZ	8226	302	EP		0050	37.80-2.16								1.0
CHAT	HZ	8230	298	EP		0050	41.18 0.93								1.0
SDNR	BZ	8238	301	EP		0050	41.37 0.77								1.0
DDI	HZ	8272	299	EP		0050	42.49 0.08								1.0
BRCH	BZ	8286	295	EP		0050	44.31 1.03								1.0
CGRH	BZ	8315	300	EP		0050	46.67 2.06								1.0
BOKR	HZ	8328	289	EP		0050	42.56-3.01								1.0
VAR	BZ	8393	292	EP		0050	45.89-2.89								1.0
ASOR	BZ	8424	298	EP		0050	50.79 0.45								1.0
JMIU	BZ	8470	298	EP		0050	53.15 0.46								1.0
FBD	HZ	8482	298	EP		0050	53.88 0.54								1.0
AYAN	BZ	8488	299	EP		0050	54.33 0.67								1.0
UJWA	BZ	8493	299	EP		0050	50.88-3.02								1.0
JHJR	BZ	8502	299	EP		0050	56.09 1.77								1.0
BNDA	BZ	8545	294	EP		0050	56.09-0.51								1.0

SRGN	BZ	8558	302	EP	0050	53.50-3.65	1.0
BWNR	BZ	8632	287	EP	0051	03.16 1.99	1.0
GUNA	BZ	8806	296	EP	0051	10.23 0.58	1.0
AJM	BZ	8819	299	EP	0051	10.82 0.58	1.0
RAGD	BZ	8876	288	EP	0051	14.35 1.11	1.0
BHPL	HZ	8922	295	EP	0051	15.15-0.19	1.0
CNWR	HZ	8929	293	EP	0051	15.74-0.01	1.0
JODH	HZ	8929	300	EP	0051	15.74 0.14	1.0
NGP	BZ	8998	292	EP	0051	19.66 0.66	1.0
BARM	HZ	9072	301	EP	0051	22.64 0.22	1.0
HYB	HZ	9356	291	EP	0051	35.39-0.53	1.0
BHV	BZ	9383	298	EP	0051	37.33 0.38	1.0
LATR	BZ	9401	293	EP	0051	37.33-0.62	1.0
SLPR	HZ	9505	293	EP	0051	42.79 0.20	1.0
POO	HZ	9562	295	EP	0051	44.93-0.10	1.0
KAD	BZ	9648	294	EP	0051	49.11 0.23	1.0
BLRY	HZ	9689	291	EP	0051	50.28-0.42	1.0
BANG	HZ	9804	289	EP	0051	55.28-0.44	1.0
MYSR	HZ	9924	289	EP	0052	01.01 0.25	1.0
CHT	HZ	10108	287	EP	0052	08.81 0.28	1.0

December 9 2024 Hour: 3:27 22.2

Ag: NCS Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITAN	SZ			EP		0337	45.75								
MOKO	SZ			EP		0337	46.54								
TAWA	SZ			EP		0337	50.93								
GUWA	SZ			EP		0337	56.12								
CMPI	HZ			EP		0338	03.61								
AZL	SZ			EP		0338	04.10								
TURA	SZ			EP		0338	04.10								
JPG	BZ			EP		0338	06.38								
ALCI	BZ			EP		0338	10.13								
HNLY	BZ			EP		0338	10.82								
DHRM	HZ			EP		0338	20.78								
JMUI	BZ			EP		0338	26.64								
CHAT	HZ			EP		0338	21.90								
DDI	HZ			EP		0338	24.31								
BRCH	BZ			EP		0338	25.27								
BOKR	HZ			EP		0338	27.84								
JMIU	BZ			EP		0338	33.17								
ALBI	BZ			EP		0338	32.84								
AYAN	BZ			EP		0338	34.21								
JHJR	BZ			EP		0338	35.02								
BNDA	BZ			EP		0338	37.79								
BWNR	BZ			EP		0338	43.16								
BKNR	BZ			EP		0338	47.98								
GUNA	BZ			EP		0338	50.04								
AJM	BZ			EP		0338	50.73								
BHPL	HZ			EP		0338	56.09								
JODH	HZ			EP		0338	55.44								
CNWR	HZ			EP		0338	56.66								
VISK	HZ			EP		0339	01.64								
HYB	HZ			EP		0339	16.78								
BHV	BZ			EP		0339	17.57								
KLBG	HZ			EP		0339	22.26								
SLPR	HZ			EP		0339	22.87								
BLRY	HZ			EP		0339	30.80								
MYSR	HZ			EP		0339	41.17								
KAD	BZ			EP		0339	28.25								
LATR	BZ			EP		0339	18.39								
NGP	BZ			EP		0338	59.76								
RAGD	BZ			EP		0338	54.83								
THN	BZ			EP		0338	20.87								
TSSA	BZ			EP		0338	19.23								

UJWA	BZ	EP	0338	35.11
VJD	BZ	EP	0339	14.55

December 9 2024 Hour: 3:31 22.2

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BOKR	HZ			EP		0338	27.64								
CHAT	HZ			EP		0338	22.40								
CMPI	HZ			EP		0338	03.65								
DDI	HZ			EP		0338	25.02								
DHRM	HZ			EP		0338	21.97								
FBD	HZ			EP		0338	35.49								
HAUL	HZ			EP		0337	31.80								
HYB	HZ			EP		0339	18.24								
JODH	HZ			EP		0338	57.74								
BARM	HZ			EP		0339	04.76								
AJM	BZ			EP		0338	51.06								
ALBI	BZ			EP		0338	34.16								
ALCI	BZ			EP		0338	11.32								
ASOR	BZ			EP		0338	32.33								
AZL	SZ			EP		0338	04.01								
BKNR	BZ			EP		0338	48.78								
BNDA	BZ			EP		0338	37.81								
BRCH	BZ			EP		0338	25.93								
BWNR	BZ			EP		0338	42.61								
CGRH	BZ			EP		0338	26.64								
COBR	BZ			EP		0338	04.62								
GUNA	BZ			EP		0338	51.84								
GUWA	SZ			EP		0337	57.52								
HNLY	BZ			EP		0338	12.44								
IMP	SZ			EP		0337	55.39								
JPG	BZ			EP		0338	07.82								
MOKO	SZ			EP		0337	47.94								
JASL	BZ			EP		0339	00.55								
ITAN	SZ			EP		0337	46.56								
JMUI	BZ			EP		0338	27.16								
JMIU	BZ			EP		0338	33.78								
TAWA	SZ			EP		0337	51.67								
TURA	SZ			EP		0338	05.81								
KNKR	BZ			EP		0338	57.20								
LATR	BZ			EP		0339	18.99								
MERT	BZ			EP		0338	30.90								
NGP	BZ			EP		0339	00.58								
NPL	BZ			EP		0338	33.91								
RAGD	BZ			EP		0338	55.70								
SRGN	BZ			EP		0338	38.79								
STMR	BZ			EP		0338	18.50								
THN	BZ			EP		0338	21.88								
TSSA	BZ			EP		0338	19.25								
UJWA	BZ			EP		0338	35.03								
VAR	BZ			EP		0338	29.77								
VJD	BZ			EP		0339	14.86								

December 9 2024 Hour: 8:48 59.5 Lat: 24.46N Lon: 82.79E D: 5.0F

Ag: NCS Local

Magnitudes: 3.3ML NCS

Rms: 0.8 secs

Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALBI	BZ	137	313	EP		0849	23.25-0.06								1.0
ALBI	BE	137	313	ES		0849	41.26 0.60								1.0
JBPL	HZ	322	245	EP		0849	44.65-1.95								1.0
JBPL	HN	322	245	ES		0850	21.11 0.16								1.0
CNWR	HZ	477	237	EP		0850	05.68 0.18								1.0
CNWR	HN	477	237	ES		0850	53.89 0.24								1.0
CNWR	HE	477	237	IAML		0851	02.97			86	0.9				
CNWR	HN	477	237	IAML		0851	04.99			96	0.4				

GUNA	BE	554	273	ES	0851	10.32	0.43									1.0
GUNA	BE	554	273	IAML	0851	33.13			41	0.6						
GUNA	BN	554	273	IAML	0851	33.94			47	0.6						
BWNR	BE	561	146	ES	0851	12.10	0.68									1.0
BWNR	BE	561	146	IAML	0851	32.71			61	0.7						
RAGD	BZ	582	173	EP	0850	17.21	-1.17									1.0
RAGD	BE	582	173	ES	0851	16.84	0.91									1.0
RAGD	BE	582	173	IAML	0851	31.17			43	0.4						
RAGD	BN	582	173	IAML	0851	35.33			33	0.8						

December 9 2024 Hour: 11:51 57.7 Lat: 24.31N Lon: 82.96E D: 8.3 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BOKR	HZ	303	100	EP		1152	42.23	0.26							1.0
BOKR	HE	303	100	ES		1153	14.81	0.48							1.0
JBPL	HZ	332	249	EP		1152	38.94	-6.49							0.0
JBPL	HN	332	249	ES		1153	14.78	-5.54							0.0
JBPL	HN	332	249	IAML		1153	19.74								
JBPL	HE	332	249	IAML		1153	19.85								
CNWR	HZ	483	240	EP		1153	04.52	0.60							1.0
CNWR	HN	483	240	ES		1153	53.71	1.42							1.0
CNWR	HN	483	240	IAML		1154	00.60			185	0.5				
CNWR	HE	483	240	IAML		1154	01.66			290	0.3				
NGP	BZ	532	230	EP		1153	08.97	-0.86							1.0
NGP	BE	532	230	ES		1154	02.34	-0.18							1.0
NGP	BN	532	230	IAML		1154	13.73			105	0.2				
NGP	BE	532	230	IAML		1154	17.16			65	0.6				
BWNR	BN	537	146	ES		1154	03.04	-0.84							1.0
BWNR	BN	537	146	IAML		1154	18.89			70	0.9				
GUNA	BN	572	275	ES		1154	10.58	-0.60							1.0
GUNA	BE	572	275	IAML		1154	27.59			73	0.7				
GUNA	BN	572	275	IAML		1154	27.90			143	0.3				
AJM	BN	871	287	ES		1155	14.03	-0.27							1.0
AJM	BN	871	287	IAML		1155	50.64			31	1.0				

December 9 2024 Hour: 14:54 16.9 Lat: 24.81N Lon: 93.24E D: 15.6 Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	71	88	EP		1454	29.10	-0.43							1.0
IMP	SN	71	88	ES		1454	39.16	0.43							1.0
IMP	SN	71	88	IAML		1454	43.35			146	0.9				
IMP	SE	71	88	IAML		1454	43.71			179	0.7				
AZL	SZ	131	205	EP		1454	39.32	0.35							1.0
AZL	SN	131	205	ES		1454	54.20	-0.87							1.0
AZL	SN	131	205	IAML		1454	58.40			60	0.4				
AZL	SE	131	205	IAML		1455	01.09			170	0.2				
CMPI	HZ	146	177	EP		1454	40.71	-0.65							1.0
CMPI	HN	146	177	ES		1455	00.21	1.01							1.0
CMPI	HE	146	177	IAML		1455	00.76			115	0.5				
CMPI	HN	146	177	IAML		1455	01.14			90	0.8				
MOKO	SZ	210	37	EP		1454	49.64	0.54							1.0
MOKO	SN	210	37	ES		1455	11.81	-0.78							1.0
MOKO	SN	210	37	IAML		1455	13.07			63	0.7				
MOKO	SE	210	37	IAML		1455	14.84			29	0.3				
GUWA	SZ	219	315	EP		1454	49.79	-0.29							1.0
GUWA	SE	219	315	ES		1455	14.97	0.69							1.0
GUWA	SN	219	315	IAML		1455	27.98			62	0.5				
GUWA	SE	219	315	IAML		1455	28.03			42	0.7				

December 9 2024 Hour: 15:21 40.6 Lat: 24.77N Lon: 93.25E D: 28.5 Ag: NCS Local
 Magnitudes: 2.7ML NCS Rms: 0.8 secs
 Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	71	85	EP		1521	52.30	-0.93							1.0
IMP	SE	71	85	ES		1522	03.47	1.02							1.0
IMP	SE	71	85	IAML		1522	04.53			160	0.6				
AZL	SZ	128	206	EP		1522	00.17	-1.19							1.0
AZL	SN	128	206	ES		1522	16.42	-0.10							1.0
AZL	SE	128	206	IAML		1522	22.03			127	0.3				
CMPI	HZ	142	177	EP		1522	02.64	-0.62							1.0
CMPI	HE	142	177	ES		1522	20.99	1.20							1.0
CMPI	HE	142	177	IAML		1522	21.67			87	0.8				
CMPI	HN	142	177	IAML		1522	21.98			99	0.6				
MOKO	SZ	213	36	EP		1522	11.58	-0.26							1.0
MOKO	SN	213	36	ES		1522	34.05	-0.60							1.0
MOKO	SN	213	36	IAML		1522	35.25			44	0.5				
GUWA	SZ	222	315	EP		1522	12.94	0.13							1.0
GUWA	SN	222	315	ES		1522	36.81	0.49							1.0
GUWA	SN	222	315	IAML		1522	48.75			45	0.6				
GUWA	SE	222	315	IAML		1522	48.91			38	0.9				
TAWA	SZ	341	336	EP		1522	28.70	1.32							1.0
TAWA	SN	341	336	ES		1523	01.08	-0.45							1.0
TAWA	SN	341	336	IAML		1523	02.09			116	0.8				
TAWA	SE	341	336	IAML		1523	02.61			118	0.7				

December 9 2024 Hour: 16:31 14.6 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ			EP		1643	06.61								
GUWA	SZ			EP		1642	58.44								
ITAN	SZ			EP		1642	48.91								
MOKO	SZ			EP		1642	48.91								
TAWA	SZ			EP		1642	53.68								
ATP	HZ			EP		1644	32.35								
BANG	HZ			EP		1644	38.50								
BHPL	HZ			EP		1643	58.78								
BLRY	HZ			EP		1644	33.30								
BOKR	HZ			EP		1643	30.88								
CHAT	HZ			EP		1643	24.25								
CHT	HZ			EP		1644	52.22								
CMPI	HZ			EP		1643	05.34								
DDI	HZ			EP		1643	26.62								
DHRM	HZ			EP		1643	23.78								
HYB	HZ			EP		1644	19.11								
JBPL	HZ			EP		1643	51.68								
JODH	HZ			EP		1643	59.25								
KLBG	HZ			EP		1644	24.79								
MYSR	HZ			EP		1644	43.70								
POO	HZ			EP		1644	29.99								
SLPR	HZ			EP		1644	26.68								
VISK	HZ			EP		1644	03.98								
AJM	BZ			EP		1643	53.87								
ALCI	BZ			EP		1643	13.40								
AYAN	BZ			EP		1643	37.21								
BHV	BZ			EP		1644	20.46								
BNDA	BZ			EP		1643	40.38								
BRCH	BZ			EP		1643	28.08								
BWNR	BZ			EP		1643	46.73								
GUNA	BZ			EP		1643	53.08								
JMIU	BZ			EP		1643	36.41								
JMUI	BZ			EP		1643	28.87								
LATR	BZ			EP		1644	21.25								
KAD	BZ			EP		1644	31.97								

NGP	BZ	EP	1644	03.00
NPL	BZ	EP	1643	36.01
RAGD	BZ	EP	1643	57.84
SDNR	BZ	EP	1643	24.90
SRGN	BZ	EP	1643	41.17
STMR	BZ	EP	1643	20.14
THN	BZ	EP	1643	24.90
UJWA	BZ	EP	1643	37.93

December 10 2024 Hour: 10: 3 1.1 Lat: 36.73N Lon: 70.99E D: 90.0F Ag: NCS Regional
Magnitudes: 4.8ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	456	130	EP		1004	16.70	15.3							0.0
SRIN	BE	456	130	ES		1005	08.77	23.3							0.0
SRIN	BN	456	130	IAML		1005	13.28			10281	1.3				
SRIN	BE	456	130	IAML		1005	15.99			11333	0.5				
ALCI	BZ	627	115	EP		1004	21.09	-1.07							1.0
ALCI	BN	627	115	ES		1005	22.45	1.07							1.0
TSSA	BZ	644	131	EP		1004	23.92	-0.18							1.0
TSSA	BN	644	131	ES		1005	25.13	0.41							1.0
THN	BZ	649	136	EP		1004	25.03	0.24							1.0
THN	BN	649	136	ES		1005	26.02	0.11							1.0
DHRM	HZ	697	134	EP		1004	31.09	0.48							1.0
DHRM	HE	697	134	ES		1005	35.46	-0.52							1.0
DHRM	HE	697	134	IAML		1005	40.60			1844	0.9				
DHRM	HN	697	134	IAML		1005	42.26			1574	0.7				
SDNR	BZ	793	135	EP		1004	41.90	-0.41							1.0
SDNR	BE	793	135	ES		1005	55.91	-0.33							1.0
SDNR	BN	793	135	IAML		1005	58.52			270	0.8				
SDNR	BE	793	135	IAML		1006	01.58			392	1.6				
UTK	BZ	959	132	EP		1005	02.18	-0.01							1.0
UTK	BE	959	132	ES		1006	31.09	0.47							1.0
UTK	BN	959	132	IAML		1006	35.75			543	1.0				
UTK	BE	959	132	IAML		1006	36.86			912	1.2				
DDI	HZ	967	135	EP		1005	04.24	1.06							1.0
DDI	HN	967	135	ES		1006	32.41	0.08							1.0
DDI	HE	967	135	IAML		1006	40.47			629	1.0				
DDI	HN	967	135	IAML		1006	43.05			575	0.3				
AYAN	BZ	1081	146	EP		1005	17.95	1.00							1.0
AYAN	BN	1081	146	ES		1006	55.95	-0.21							1.0
CHAT	HZ	1086	132	EP		1005	17.52	-0.13							1.0
CHAT	HN	1086	132	ES		1006	56.75	-0.62							1.0
CHAT	HE	1086	132	IAML		1007	04.77			520	1.0				
CHAT	HN	1086	132	IAML		1007	06.33			592	0.2				
PTH	BZ	1168	130	EP		1005	26.36	-1.04							1.0
PTH	BE	1168	130	ES		1007	13.84	-0.39							1.0
PTH	BN	1168	130	IAML		1007	20.51			109	1.0				
PTH	BE	1168	130	IAML		1007	20.55			85	0.7				

December 10 2024 Hour: 18: 3 58.8

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHPL	HZ			EP		1816	48.95								
BOKR	HZ			EP		1816	21.10								
DDI	HZ			EP		1816	16.70								
DHRM	HZ			EP		1816	13.77								
HYB	HZ			EP		1817	09.47								
POO	HZ			EP		1817	19.73								
VISK	HZ			EP		1816	54.81								
AKL	BZ			EP		1817	01.29								
ALCI	BZ			EP		1816	03.56								
BHV	BZ			EP		1817	11.47								
BKNR	BZ			EP		1816	40.91								
BNDA	BZ			EP		1816	31.29								

BRCH	BZ	EP	1816	18.84
BWNR	BZ	EP	1816	36.95
COBR	BZ	EP	1815	57.90
GUNA	BZ	EP	1816	43.74
JMUI	BZ	EP	1816	19.34
JASL	BZ	EP	1816	53.10
JHJR	BZ	EP	1816	29.06
JPG	BZ	EP	1816	01.66
AYAN	BZ	EP	1816	28.12
BHK	BZ	EP	1816	16.12
KAD	BZ	EP	1817	23.08
LATR	BZ	EP	1817	11.98
RAGD	BZ	EP	1816	47.45
SDNR	BZ	EP	1816	14.15
STMR	BZ	EP	1816	10.65
THN	BZ	EP	1816	14.74
UTK	BZ	EP	1816	13.57
NGP	BZ	EP	1816	53.73
CHAT	HZ	EP	1816	14.43
CMPI	HZ	EP	1815	56.92
HAUL	HZ	EP	1815	23.36
JODH	HZ	EP	1816	49.45
KLBG	HZ	EP	1817	15.72
SLPR	HZ	EP	1817	16.20
AZL	SZ	EP	1815	57.91
GUWA	SZ	EP	1815	49.48
ITAN	SZ	EP	1815	39.07
MOKO	SZ	EP	1815	40.06
TAWA	SZ	EP	1815	44.03

December 10 2024 Hour: 19:43 35.7 Lat: 38.45N Lon: 74.02E D:100.0F Ag: NCS Regional
Magnitudes: 3.4ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	549	148	EP		1944	47.95	0.52							1.0
ALCI	BE	549	148	ES		1945	40.33	0.57							1.0
ALCI	BE	549	148	IAML		1945	44.30			29	0.4				
ALCI	BN	549	148	IAML		1945	44.37			36	0.2				
DHRM	HZ	719	163	EP		1945	08.18	0.31							1.0
DHRM	HE	719	163	ES		1946	15.18	0.06							1.0
DHRM	HN	719	163	IAML		1946	19.20			40	0.2				
DHRM	HE	719	163	IAML		1946	20.34			45	0.8				
CHAT	HZ	1069	151	EP		1945	49.19	-0.85							1.0
CHAT	HN	1069	151	ES		1947	27.45	-0.62							1.0
CHAT	HN	1069	151	IAML		1947	30.66			25	0.7				
CHAT	HE	1069	151	IAML		1947	31.25			30	0.4				

December 11 2024 Hour: 0:38 33.5 Lat: 12.46N Lon: 92.19E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DGPR	HN	113	45	ES		0039	07.84	0.26							1.0
DGPR	HN	113	45	IAML		0039	13.84			1064	0.5				
BWNR	BZ	1098	323	EP		0040	53.44	-1.33							1.0
BWNR	BE	1098	323	ES		0042	37.23	-0.64							1.0
BWNR	BE	1098	323	IAML		0042	38.09			6	0.2				
BWNR	BN	1098	323	IAML		0042	41.26			15	0.1				
RAGD	BZ	1199	310	EP		0041	07.14	0.04							1.0
RAGD	BN	1199	310	ES		0042	59.75	0.56							1.0
RAGD	BN	1199	310	IAML		0043	25.85			5	0.5				
RAGD	BE	1199	310	IAML		0043	27.70			9	0.8				
NGP	BZ	1699	306	EP		0042	08.70	0.86							0.9
NGP	BN	1699	306	ES		0044	44.89	0.62							0.9
NGP	BN	1699	306	IAML		0044	50.44			11	0.1				

NGP BE 1699 306 IAML 0044 52.69 9 0.6

December 11 2024 Hour: 1:25 58.8 Lat: 23.54N Lon: 94.47E D:130.0F Ag: NCS Local
Magnitudes: 4.6ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HE	119	268	EP		0126	20.13	-1.34							1.0
CMPI	HE	119	268	ES		0126	37.35	-0.65							1.0
CMPI	HE	119	268	IAML		0126	43.84		14040	0.6					
AZL	SZ	183	277	EP		0126	27.06	-0.27							1.0
AZL	SE	183	277	ES		0126	48.91	0.77							1.0
AZL	SN	183	277	IAML		0126	50.35		3555	0.5					
AZL	SE	183	277	IAML		0126	51.47		3024	0.4					
MOKO	SZ	308	1	EP		0126	41.34	0.07							1.0
MOKO	SE	308	1	ES		0127	10.40	-1.85							1.0
MOKO	SN	308	1	IAML		0127	23.25		716	0.3					
MOKO	SE	308	1	IAML		0127	23.45		1386	0.5					
GUWA	SN	407	317	IAML		0127	31.93		1482	0.4					
ITAN	SN	407	349	EP		0126	51.65	-0.39							1.0
ITAN	SE	407	349	IAML		0127	33.57		14724	0.3					
ITAN	SN	407	349	IAML		0127	36.59		21510	0.2					
GUWA	SZ	407	317	EP		0126	51.78	-0.21							1.0
GUWA	SN	407	317	ES		0127	29.39	-1.42							1.0
GUWA	SE	407	317	IAML		0127	32.29		1935	0.3					
ITAN	SN	407	349	ES		0127	31.26	0.37							1.0
ZIRO	SN	446	352	EP		0126	58.06	1.47							1.0
ZIRO	SE	446	352	ES		0127	38.34	-0.41							1.0
ZIRO	SN	446	352	IAML		0127	43.86		1510	0.6					
ZIRO	SE	446	352	IAML		0127	44.38		1229	0.6					
TURA	SN	483	298	EP		0127	01.48	0.63							1.0
TURA	SN	483	298	ES		0127	46.77	0.65							1.0
TURA	SN	483	298	IAML		0127	52.93		4010	0.7					
TURA	SE	483	298	IAML		0127	53.06		4339	0.3					
TAWA	SN	520	330	EP		0127	06.70	0.90							1.0
TAWA	SE	520	330	ES		0127	55.09	0.41							1.0
TAWA	SE	520	330	IAML		0127	59.59		5166	0.5					
TAWA	SN	520	330	IAML		0128	00.48		5048	0.5					
HAUL	HZ	544	22	EP		0127	08.20	0.32							1.0
HAUL	HE	544	22	ES		0127	58.80	0.51							1.0
HAUL	HE	544	22	IAML		0128	01.91		778	0.7					
HAUL	HN	544	22	IAML		0128	02.34		397	0.5					
GTK	SN	724	307	EP		0127	29.50	0.05							1.0
GTK	SE	724	307	ES		0128	36.01	0.40							1.0
GTK	SN	724	307	IAML		0128	46.00		370	0.4					
GTK	SE	724	307	IAML		0128	46.59		448	0.5					

December 11 2024 Hour: 7:36 4.9 Lat: 32.76N Lon: 73.43E D: 10.0F Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BN	226	98	EP		0736	36.44	-0.98							1.0
THN	BN	226	98	ES		0736	59.73	-1.46							1.0
THN	BN	226	98	IAML		0737	02.30		1175	0.2					
TSSA	BZ	255	87	EP		0736	41.47	-0.18							1.0
TSSA	BE	255	87	ES		0737	08.62	0.12							1.0
TSSA	BE	255	87	IAML		0737	10.07		1309	0.2					
TSSA	BN	255	87	IAML		0737	10.44		931	0.4					
DHRM	HZ	277	101	EP		0736	44.05	-0.35							1.0
DHRM	HN	277	101	ES		0737	13.88	0.61							1.0
DHRM	HE	277	101	IAML		0737	18.37		692	0.6					
DHRM	HN	277	101	IAML		0737	20.49		728	0.7					
BHK	BZ	318	118	EP		0736	48.88	0.15							1.0
BHK	BE	318	118	ES		0737	21.56	0.80							1.0
BHK	BE	318	118	IAML		0737	27.35		382	0.3					

December 11 2024 Hour: 11:53 23.3 Lat: 22.21N Lon: 93.82E D: 20.0F Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.8 secs
Rms: 0.8 secs

December 11 2024 Hour: 15:15 17.2 Lat: 36.16N Lon: 69.10E D: 10.0F Ag: NCS Regional
Magnitudes: 3.9ML NCS Rms: 0.8 secs

December 11 2024 Hour: 22:25 39.3 Lat: 23.54N Lon: 70.33E D: 10.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.9 secs
Rms: 0.9 secs

25

BHV BN 272 136 IAML 2226 48.98 27 0.8

December 12 2024 Hour: 12:43 42.1 Lat: 30.65N Lon: 78.81E D: 5.0F Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DDI	HZ	81	244	EP		1243	54.46	-0.76							1.0
DDI	HE	81	244	ES		1244	04.95	0.17							1.0
DDI	HE	81	244	IAML		1244	08.74			577	0.3				
DDI	HN	81	244	IAML		1244	08.87			482	0.2				
CHAT	HZ	99	148	EP		1243	57.96	-0.26							1.0
CHAT	HN	99	148	ES		1244	10.18	0.22							1.0
CHAT	HE	99	148	IAML		1244	11.44			737	0.4				
CHAT	HN	99	148	IAML		1244	11.45			620	0.2				
LGTI	BZ	185	138	EP		1244	11.98	1.10							1.0
SDNR	BZ	207	299	EP		1244	11.94	-0.86							1.0
SDNR	BE	207	299	ES		1244	36.85	1.67							1.0
SDNR	BE	207	299	IAML		1244	37.82			84	0.1				
SDNR	BN	207	299	IAML		1244	37.92			87	0.4				
BHK	BZ	246	290	EP		1244	16.56	-1.11							1.0
BHK	BE	246	290	ES		1244	44.21	0.59							1.0
BHK	BE	246	290	IAML		1244	44.67			39	0.2				
BHK	BN	246	290	IAML		1244	45.29			17	0.1				
DHRM	HZ	297	307	EP		1244	23.45	-1.26							1.0
DHRM	HE	297	307	ES		1244	56.28	0.49							1.0

December 12 2024 Hour: 13:48 42.9 Lat: 30.73N Lon: 78.81E D: 5.0F Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ	35	269	EP		1348	47.73	-1.11							1.0
UTK	BN	35	269	ES		1348	51.85	-1.34							1.0
UTK	BN	35	269	IAML		1348	52.53			574	0.1				
UTK	BE	35	269	IAML		1348	53.38			732	0.0				
DDI	HZ	86	238	EP		1348	57.93	1.22							1.0
DDI	HE	86	238	ES		1349	07.53	0.72							1.0
DDI	HE	86	238	IAML		1349	08.35			180	0.2				
DDI	HN	86	238	IAML		1349	08.54			242	0.2				
CHAT	HZ	107	151	EP		1349	00.45	0.17							1.0
CHAT	HE	107	151	ES		1349	12.26	-0.73							1.0
CHAT	HE	107	151	IAML		1349	14.12			206	0.3				
CHAT	HN	107	151	IAML		1349	15.33			189	0.2				
SDNR	BZ	202	297	EP		1349	14.23	1.25							1.0
SDNR	BE	202	297	ES		1349	35.06	0.11							1.0
SDNR	BN	202	297	IAML		1349	43.90			24	0.3				
SDNR	BE	202	297	IAML		1349	44.04			19	0.4				
DHRM	HZ	291	306	EP		1349	24.46	-0.28							1.0

December 12 2024 Hour: 14:34 6.4 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITAN	SZ	122	27	EP		1434	24.58	-0.23							1.0
ITAN	SN	122	27	ES		1434	37.81	-0.41							1.0
MOKO	SZ	136	82	EP		1434	26.29	-0.63							1.0
MOKO	SN	136	82	ES		1434	41.38	-0.51							1.0
GUWA	SZ	148	272	EP		1434	27.40	-0.58							1.0
GUWA	SE	148	272	ES		1434	43.19	-0.52							1.0
ZIRO	SN	166	24	EP		1434	30.08	-0.12							1.0
ZIRO	SE	166	24	ES		1434	48.48	0.93							1.0
TAWA	SZ	205	321	EP		1434	36.20	0.46							1.0
TAWA	SN	205	321	ES		1434	57.90	0.77							1.0
TURA	SE	304	257	ES		1435	16.05	-1.27							1.0
TURA	SZ	304	257	EP		1434	47.10								
AZL	SZ	273	190	EP		1434	42.09								
AZL	SE	273	190	ES		1435	09.53								

December 13 2024 Hour: 23:38 20.2 Lat: 35.67S Lon: 70.25W D:110.0F Ag: NCS Distant
 Magnitudes: 6.4MW NCS Rms: 1.2 secs
 Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHUJ	HZ15923	99	EP			2357	38.56	-2.12							1.0
BANG	HZ15932	120	EP			2357	39.38	-1.47							1.0
KAD	BZ15962	111	EP			2357	38.58	-2.72							1.0
BLRY	HZ15999	116	EP			2357	39.11	-2.75							1.0
BHV	BZ16062	103	EP			2357	41.67	-0.04							1.0
SRAT	HZ16080	104	EP			2357	43.55	1.28							1.0
SLPR	HZ16133	112	EP			2357	42.92	-1.04							1.0
KLBG	HZ16185	113	EP			2357	45.41	0.67							1.0
BARM	HZ16209	96	EP			2357	46.37	1.27							1.0
JASL	BZ16219	94	EP			2357	46.06	0.80							1.0
LATR	BZ16233	112	EP			2357	46.91	1.39							1.0
HYB	HZ16334	115	EP			2357	48.32	1.28							1.0
JODH	HZ16381	96	EP			2357	48.79	1.10							1.0
AKL	BZ16423	109	EP			2357	49.23	0.93							1.0
CMBY	HZ16474	149	EP			2357	51.94	2.93							1.0
BKNR	BZ16482	94	EP			2357	49.72	0.57							1.0
AJM	BZ16531	97	EP			2357	49.84	-0.07							1.0
SRGN	BZ16615	90	EP			2357	51.48	0.39							1.0
CNWR	HZ16672	108	EP			2357	51.02	-0.90							1.0
GUNA	BZ16681	103	EP			2357	51.92	-0.13							1.0
VISK	HZ16738	120	EP			2357	53.56	0.78							1.0
KNKR	BZ16773	114	EP			2357	54.03	0.69							1.0
SRIN	BZ16831	83	EP			2357	55.19	1.08							1.0
UJWA	BZ16833	95	EP			2357	54.61	0.47							1.0
AYAN	BZ16850	95	EP			2357	54.60	0.22							1.0
NPL	BZ16860	95	EP			2357	53.90	-0.57							1.0
RAGD	BZ16861	118	EP			2357	54.84	0.38							1.0
FBD	HZ16864	96	EP			2357	54.10	-0.48							1.0
JMIU	BZ16867	95	EP			2357	51.92	-2.64							1.0
THN	BZ16876	87	EP			2357	53.92	-0.82							1.0
BHK	BZ16895	89	EP			2357	55.82	0.89							1.0
CGRH	BZ16903	91	EP			2357	53.87	-1.19							1.0
DHRM	HZ16916	87	EP			2357	56.35	0.38							1.0
ASOR	BZ16920	95	EP			2357	54.84	-0.50							1.0
SDNR	BZ16947	89	EP			2357	56.31	0.61							1.0
BNDA	BZ16991	104	EP			2357	55.57	-0.67							1.0
DDI	HZ17008	92	EP			2357	58.07	1.63							1.0
ALCI	BZ17049	84	EP			2357	58.01	0.82							1.0
CHAT	HZ17109	94	EP			2357	58.72	0.92							1.0
BWNR	BZ17120	120	EP			2357	56.79	-1.08							1.0
BRCH	BZ17209	101	EP			2357	58.01	-0.98							1.0
BOKR	HZ17369	113	EP			2358	01.17	0.17							1.0
JMUI	BZ17468	111	EP			2358	07.04	4.96							0.0
STMR	BZ17491	106	EP			2358	02.84	0.50							1.0
JPG	BZ17774	111	EP			2358	05.82	0.41							1.0
COBR	BZ17822	113	EP			2358	06.79	0.89							1.0
AZL	SZ17906	124	EP			2358	06.41	-0.38							1.0
CMPI	HZ17933	126	EP			2358	07.90	0.66							1.0
GUWA	SZ18000	116	EP			2358	06.59	-1.04							1.0
TAWA	SZ18101	113	EP			2358	08.76	-0.49							1.0
ITAN	SZ18225	117	EP			2358	09.61	-0.08							1.0
MOKO	SZ18232	121	EP			2358	10.06	-0.11							1.0
HAUL	HZ18509	120	EP			2358	10.00	-1.82							1.0

December 14 2024 Hour: 0:28 26.6 Lat: 25.41N Lon: 96.85E D: 10.0F Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	255	294	EP		0029	03.02	-0.20							1.0
MOKO	SE	255	294	ES		0029	30.74	0.81							1.0
MOKO	SN	255	294	IAML		0029	35.70			232	1.0				
MOKO	SE	255	294	IAML		0029	44.32			192	0.7				
HAUL	HZ	298	354	EP		0029	08.51	0.44							1.0
ZIRO	SE	380	309	EP		0029	17.87	-0.47							1.0
ZIRO	SE	380	309	ES		0029	55.50	-0.58							1.0
ZIRO	SE	380	309	IAML		0030	01.07			460	0.5				

December 14 2024 Hour: 1: 5 26.9 Lat: 25.33N Lon: 97.10E D: 70.0F Ag: NCS Local
Magnitudes: 4.3ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	281	293	EP		0106	04.54	-0.45							1.0
MOKO	SE	281	293	ES		0106	32.24	-0.54							1.0
MOKO	SE	281	293	IAML		0106	43.41			1391	0.7				
HAUL	HN	310	350	EP		0106	08.59	0.61							1.0
HAUL	HE	310	350	ES		0106	38.43	0.48							1.0
HAUL	HE	310	350	IAML		0106	47.47			2994	0.3				
HAUL	HN	310	350	IAML		0106	48.18			2656	0.4				
ITAN	SZ	392	301	EP		0106	17.71	-0.30							1.0
ITAN	SE	392	301	ES		0106	55.37	0.06							1.0
ITAN	SE	392	301	IAML		0106	57.44			429	0.4				
ZIRO	SE	405	308	EP		0106	18.46	-1.03							1.0
ZIRO	SE	405	308	ES		0106	58.19	0.32							1.0
ZIRO	SE	405	308	IAML		0107	02.07			2062	0.8				
ZIRO	SN	405	308	IAML		0107	05.51			1380	0.5				
CMPI	HZ	435	243	EP		0106	23.99	0.77							1.0
AZL	SZ	480	249	EP		0106	29.23	0.84							1.0
GUWA	SZ	551	281	EP		0106	36.03	-0.59							1.0
GUWA	SE	551	281	ES		0107	27.97	0.47							1.0
GUWA	SN	551	281	IAML		0107	31.01			1226	0.6				
GUWA	SE	551	281	IAML		0107	31.64			960	0.8				
TAWA	SZ	579	297	EP		0106	39.87	-0.73							1.0
TAWA	SE	579	297	ES		0107	35.19	0.80							1.0
TAWA	SN	579	297	IAML		0107	41.06			309	0.9				
TAWA	SE	579	297	IAML		0107	45.45			439	0.7				
GTK	SN	876	286	EP		0107	14.83	-0.62							1.0
BOKR	HZ	1148	264	EP		0107	46.91	-0.08							1.0

December 14 2024 Hour: 10:23 2.0 Lat: 38.83N Lon: 72.50E D: 32.5 Ag: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	662	139	EP		1024	26.25	-0.11							1.0
ALCI	BN	662	139	ES		1025	28.05	0.15							1.0
ALCI	BE	662	139	IAML		1025	33.91			241	1.2				
ALCI	BN	662	139	IAML		1025	35.10			239	0.7				
TSSA	BZ	742	153	EP		1024	36.08	-0.14							1.0
TSSA	BN	742	153	ES		1025	44.83	-0.14							1.0
TSSA	BN	742	153	IAML		1025	47.18			56	0.3				
TSSA	BE	742	153	IAML		1025	48.28			28	1.0				
THN	BZ	769	156	EP		1024	40.04	1.23							1.0
DHRM	HZ	807	154	EP		1024	42.94	-1.08							1.0
HNLY	BZ	890	137	EP		1024	53.23	0.09							1.0

December 14 2024 Hour: 10:31 19.5

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ			EP		1032	37.92								
MOKO	SZ			EP		1032	32.05								
TURA	SZ			EP		1032	53.02								
HAUL	HZ			EP		1032	35.53								
CMPI	HZ			EP		1032	53.47								
MOKO	SN			ES		1033	01.25								
IMP	SN			ES		1033	14.56								
AZL	SZ			EP		1032	56.15								

December 14 2024 Hour: 13:45 1.1 Lat: 27.44N Lon: 86.82E D: 10.0F

Ag: NCS Local

Magnitudes: 3.1ML NCS

Rms: 0.3 secs

Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN	177	94	EP		1305	18.16	0.16							1.0
GTK	SE	177	94	ES		1305	38.02	0.38							1.0
GTK	SE	177	94	IAML		1305	41.90			138	0.6				
GTK	SN	177	94	IAML		1305	44.81			114					
TURA	SN	401	121	EP		1305	44.88	-0.46							1.0
TURA	SE	401	121	ES		1306	24.71	-0.23							1.0
TURA	SE	401	121	IAML		1306	24.99			72	0.3				
TURA	SN	401	121	IAML		1306	25.47			79	0.3				
BOKR	HZ	415	193	EP		1305	46.94	-0.20							1.0
BOKR	HE	415	193	ES		1306	28.39	0.34							1.0
BOKR	HE	415	193	IAML		1306	29.16			132	0.3				
BOKR	HN	415	193	IAML		1306	30.05			148	0.3				

December 14 2024 Hour: 20:42 37.2 Lat: 37.92N Lon: 72.03E D: 47.6

Ag: NCS Local

Magnitudes: 4.1ML NCS

Rms: 0.7 secs

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BE	620	130	EP		2043	55.65	-0.28							1.0
ALCI	BE	620	130	ES		2044	54.12	0.69							1.0
ALCI	BE	620	130	IAML		2044	57.18			218	0.3				
THN	BN	698	149	EP		2044	05.94	0.98							1.0
THN	BN	698	149	ES		2045	09.27	0.22							1.0
THN	BN	698	149	IAML		2045	11.91			427	0.8				
DHRM	HZ	740	147	EP		2044	10.16	-0.44							1.0
DHRM	HE	740	147	ES		2045	17.71	-1.09							1.0
DHRM	HE	740	147	IAML		2045	22.65			241	0.2				
DHRM	HN	740	147	IAML		2045	23.68			373	0.4				
BHK	BZ	826	150	EP		2044	20.65	0.69							1.0
BHK	BE	826	150	ES		2045	34.79	-0.21							1.0
BHK	BE	826	150	IAML		2045	39.72			208	0.6				
SDNR	BZ	837	146	EP		2044	20.93	-0.33							1.0
SDNR	BE	837	146	ES		2045	36.91	-0.34							1.0
SDNR	BN	837	146	IAML		2045	40.01			92	0.5				
SDNR	BE	837	146	IAML		2045	40.24			146	0.6				
UTK	BZ	991	142	EP		2044	39.38	-0.30							1.0
UTK	BE	991	142	ES		2046	08.27	-0.83							1.0
UTK	BE	991	142	IAML		2046	12.38			94	0.5				
UTK	BN	991	142	IAML		2046	12.42			77	0.2				
JOSI	BZ	1070	138	EP		2044	49.20	0.31							1.0
CHAT	HZ	1118	141	EP		2044	53.28	-1.09							1.0
CHAT	HN	1118	141	ES		2046	36.09	1.56							1.0
JODH	HZ	1296	175	EP		2045	15.82	0.48							1.0

December 15 2024 Hour: 8:34 45.0 Lat: 24.18N Lon: 82.75E D: 20.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.4 secs
Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VAR	BZ	123	12	EP		0835	03.40	-0.47							1.0
ALBI	BZ	157	323	EP		0835	08.32	0.24							1.0
ALBI	BE	157	323	ES		0835	24.94	0.04							1.0
ALBI	BN	157	323	IAML		0835	28.39			73	0.4				
ALBI	BE	157	323	IAML		0835	28.99			77	0.4				
BLSP	BZ	238	194	EP		0835	17.85	-0.28							1.0
BLSP	BN	238	194	ES		0835	42.46	0.17							1.0
BLSP	BN	238	194	IAML		0835	52.21			64	0.2				
BLSP	BE	238	194	IAML		0835	52.55			144	0.3				
BOKR	HZ	322	97	EP		0835	28.23	-0.44							1.0
JMUI	BZ	362	76	EP		0835	34.31	0.74							1.0

December 15 2024 Hour: 8:53 16.3 Lat: 26.32N Lon: 91.04E D: 10.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.4 secs
Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	67	102	EP		0853	26.90	-0.30							1.0
GUWA	SE	67	102	ES		0853	35.07	-0.09							1.0
GUWA	SN	67	102	IAML		0853	35.46			193	0.2				
GUWA	SE	67	102	IAML		0853	35.95			191	0.1				
DHUB	SZ	109	253	EP		0853	33.57	-0.08							1.0
TURA	SZ	121	223	EP		0853	35.16	-0.26							1.0
TURA	SE	121	223	ES		0853	49.59	0.21							1.0
TURA	SE	121	223	IAML		0853	50.35			329	0.3				
TURA	SN	121	223	IAML		0853	50.85			305	0.2				
TAWA	SN	163	30	EP		0853	41.49	-0.22							1.0
TAWA	SN	163	30	ES		0854	00.07	-0.18							1.0
TAWA	SN	163	30	IAML		0854	01.02			348	0.3				
TAWA	SE	163	30	IAML		0854	02.19			426	0.2				
ZIRO	SN	310	64	EP		0854	00.14	0.92							1.0

December 15 2024 Hour: 9:20 31.5 Lat: 36.44N Lon: 71.30E D: 10.0F Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	589	113	EP		0921	47.65	-1.24							1.0
ALCI	BE	589	113	ES		0922	46.66	1.30							1.0
ALCI	BN	589	113	IAML		0922	48.38			215	0.5				
ALCI	BE	589	113	IAML		0922	50.25			179	0.2				
TSSA	BZ	598	131	EP		0921	49.42	-0.95							1.0
TSSA	BN	598	131	ES		0922	47.63	-0.30							1.0
TSSA	BE	598	131	IAML		0922	48.44			495	0.3				
TSSA	BN	598	131	IAML		0922	50.07			644	0.3				
THN	BZ	607	136	EP		0921	51.23	0.39							1.0
THN	BN	607	136	ES		0922	49.30	0.56							1.0
THN	BN	607	136	IAML		0922	50.88			416	0.2				
DHRM	HZ	655	134	EP		0921	57.15	-0.18							1.0
DHRM	HN	655	134	ES		0922	59.09	-0.88							1.0
BHK	BZ	731	139	EP		0922	07.10	1.44							1.0
BHK	BN	731	139	ES		0923	14.83	0.44							1.0
BHK	BN	731	139	IAML		0923	18.04			255	0.4				
BHK	BE	731	139	IAML		0923	18.23			304	0.2				
SDNR	BZ	751	135	EP		0922	07.92	-0.19							1.0
SDNR	BE	751	135	ES		0923	17.57	-1.05							1.0
SDNR	BE	751	135	IAML		0923	20.65			247	0.1				
HNLY	BZ	812	118	EP		0922	14.72	-0.73							1.0
UTK	BZ	917	132	EP		0922	28.19	0.39							1.0
UTK	BN	917	132	ES		0923	52.72	0.03							1.0
UTK	BN	917	132	IAML		0923	56.36			285	0.2				

GTK SN 464 236 EP 0518 45.03 0.18 1.0

December 16 2024 Hour: 6:25 11.4 Lat: 32.90N Lon: 69.08E D: 36.9 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	633	93	EP		0626	31.57	-0.34							1.0
THN	BN	633	93	ES		0627	30.83	0.13							1.0
THN	BN	633	93	IAML		0627	35.16			106	0.3				
TSSA	BZ	662	89	EP		0626	36.11	0.14							1.0
TSSA	BE	662	89	ES		0627	38.45	0.74							1.0
TSSA	BE	662	89	IAML		0627	40.73			271	0.6				
TSSA	BN	662	89	IAML		0627	41.45			262	0.4				
DHRM	HZ	683	94	EP		0626	37.66	-0.83							1.0
DHRM	HE	683	94	ES		0627	42.62	0.54							1.0
DHRM	HE	683	94	IAML		0627	43.76			149	0.8				
DHRM	HN	683	94	IAML		0627	44.26			119	0.2				
BHK	BE	709	102	EP		0626	39.78	-1.04							1.0
BHK	BE	709	102	ES		0627	46.00	-0.12							1.0
BHK	BE	709	102	IAML		0627	47.05			1725	0.7				
SDNR	BZ	753	99	EP		0626	45.39	-0.73							1.0
SDNR	BE	753	99	ES		0627	55.00	-0.28							1.0
SDNR	BE	753	99	IAML		0628	00.99			430	0.4				
ALCI	BZ	767	77	EP		0626	48.42	0.57							1.0
ALCI	BN	767	77	ES		0627	57.35	-0.91							1.0
ALCI	BN	767	77	IAML		0628	05.79			42	0.4				
UTK	BZ	919	103	EP		0627	07.03	1.27							1.0
HNLY	BZ	926	88	EP		0627	07.60	1.02							1.0
HNLY	BE	926	88	ES		0628	30.52	-0.15							1.0
HNLY	BN	926	88	IAML		0628	39.87			112	0.4				
HNLY	BE	926	88	IAML		0628	41.55			69	0.6				

December 16 2024 Hour: 8:59 46.3 Lat: 30.44N Lon: 77.89E D: 5.0F Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DDI	HZ	21	129	EP		0859	48.76	-0.97							1.0
DDI	HN	21	129	ES		0859	52.86	0.59							1.0
DDI	HN	21	129	IAML		0859	53.13			3527	0.2				
DDI	HE	21	129	IAML		0859	53.56			2289	0.1				
UTK	BN	63	59	EP		0859	55.18	-1.47							1.0
UTK	BE	63	59	ES		0900	03.77	-0.47							1.0
UTK	BN	63	59	IAML		0900	05.28			1234	0.3				
UTK	BE	63	59	IAML		0900	05.33			1105	0.3				
SDNR	BZ	154	323	EP		0900	08.75	-1.58							1.0
SDNR	BE	154	323	IAML		0900	29.43			107	0.2				
SDNR	BN	154	323	IAML		0900	29.78			214	0.2				
CHAT	HN	154	113	EP		0900	10.17	-0.23							1.0
CHAT	HE	154	113	IAML		0900	32.19			213	0.2				
CHAT	HN	154	113	IAML		0900	32.23			406	0.3				
SDNR	BN	154	323	ES		0900	27.10	-0.80							1.0
CHAT	HN	154	113	ES		0900	28.99	0.97							1.0
JOSI	BZ	161	85	EP		0900	10.46	-0.92							1.0
JOSI	BN	161	85	ES		0900	29.73	0.00							1.0
JOSI	BE	161	85	IAML		0900	31.73			2	0.4				
JOSI	BN	161	85	IAML		0900	32.50			65	0.4				
BHK	BZ	179	307	EP		0900	12.72	-0.67							1.0
BHK	BN	179	307	ES		0900	33.97	0.76							1.0
BHK	BN	179	307	IAML		0900	36.05			219	0.3				
BHK	BE	179	307	IAML		0900	36.26			187	0.3				
NPL	BZ	212	199	EP		0900	16.79	-0.69							1.0
NPL	BN	212	199	ES		0900	40.85	0.58							1.0
NPL	BE	212	199	IAML		0900	42.39			252	0.0				
NPL	BN	212	199	IAML		0900	42.88			278	0.2				

UJWA	BZ	228	205	EP	0900	18.60	-0.97									1.0
AYAN	BZ	229	199	EP	0900	18.59	-1.13									1.0
AYAN	BN	229	199	ES	0900	45.05	0.90									1.0
AYAN	BE	229	199	IAML	0900	46.57			33	0.2						
AYAN	BN	229	199	IAML	0900	46.64			48	0.3						
PTH	BZ	243	112	EP	0900	23.03	1.04									1.0
PTH	BE	243	112	ES	0900	48.89	0.80									1.0
PTH	BE	243	112	IAML	0900	56.01			59	0.3						
DHRM	HZ	251	324	EP	0900	23.66	0.58									1.0
DHRM	HE	251	324	ES	0900	51.18	1.21									1.0
DHRM	HN	251	324	IAML	0900	56.03			94	0.3						
DHRM	HE	251	324	IAML	0900	56.56			101	0.7						
HNLY	BZ	279	21	EP	0900	26.31	0.27									1.0
HNLY	BE	279	21	ES	0900	56.11	1.02									1.0
HNLY	BN	279	21	IAML	0901	06.11			5	0.3						
THN	BZ	297	319	EP	0900	29.36	1.17									1.0

December 16 2024 Hour: 12:28 48.3 Lat: 37.54N Lon: 72.00E D: 10.0F Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BE	596	127	EP		1230	05.93	-0.61							1.0
ALCI	BE	596	127	ES		1231	04.61	0.99							1.0
ALCI	BE	596	127	IAML		1231	07.70			118	0.5				
TSSA	BZ	644	143	EP		1230	12.26	-0.54							1.0
TSSA	BN	644	143	ES		1231	12.37	-2.09							1.0
TSSA	BN	644	143	IAML		1231	16.09			253	0.3				
TSSA	BE	644	143	IAML		1231	16.24			274	0.3				
THN	BZ	664	147	EP		1230	14.82	0.26							1.0
THN	BN	664	147	ES		1231	18.55	1.06							1.0
THN	BN	664	147	IAML		1231	23.60			170	0.5				
DHRM	HN	707	145	EP		1230	20.66	0.22							1.0
DHRM	HE	707	145	ES		1231	27.76	0.10							1.0
DHRM	HN	707	145	IAML		1231	31.97			269	0.3				
DHRM	HE	707	145	IAML		1231	33.04			283	0.3				
BHK	BZ	791	148	EP		1230	30.94	1.30							1.0
BHK	BN	791	148	ES		1231	42.86	-0.72							1.0
BHK	BE	791	148	IAML		1231	51.88			117	0.1				
BHK	BN	791	148	IAML		1231	52.57			101	0.1				
SDNR	BN	804	144	EP		1230	30.67	-0.46							1.0
SDNR	BN	804	144	ES		1231	46.27	0.11							1.0
SDNR	BN	804	144	IAML		1231	52.48			670	0.3				
SDNR	BE	804	144	IAML		1231	54.48			851	0.3				
UTK	BZ	961	140	EP		1230	49.68	-0.13							1.0
UTK	BE	961	140	ES		1232	18.32	-0.16							1.0
UTK	BN	961	140	IAML		1232	22.98			111	0.4				
UTK	BE	961	140	IAML		1232	23.81			117	0.2				
JOSI	BN	1042	136	EP		1230	59.32	0.03							1.0
JOSI	BN	1042	136	ES		1232	35.28	0.41							1.0
JOSI	BN	1042	136	IAML		1232	41.90			30	0.5				
JOSI	BE	1042	136	IAML		1232	43.13			2	0.5				
CHAT	HZ	1088	139	EP		1231	03.79	-0.77							1.0
CHAT	HE	1088	139	ES		1232	44.47	0.47							1.0
AJM	BZ	1257	168	EP		1231	24.95	0.50							1.0

December 16 2024 Hour: 14:10 36.3 Lat: 25.68N Lon: 90.51E D: 10.0F Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
COBR	BN	125	303	EP		1410	54.81	-1.18							1.0
COBR	BE	125	303	ES		1411	09.01	-1.33							1.0
COBR	BN	125	303	IAML		1411	12.26			4801	0.2				
COBR	BE	125	303	IAML		1411	13.21			7606	0.3				
GUWA	SZ	132	64	EP		1410	55.51	-1.53							1.0

GUWA	SE	132	64	ES	1411	11.35-0.80									1.0
GUWA	SE	132	64	IAML	1411	12.74		2544	0.4						
GUWA	SN	132	64	IAML	1411	13.20		1648	0.2						
JPG	BZ	204	298	EP	1411	05.65-0.40									1.0
JPG	BE	204	298	ES	1411	28.35 0.61									1.0
JPG	BE	204	298	IAML	1411	33.17		2049	0.1						
JPG	BN	204	298	IAML	1411	33.34		1511	0.2						
TAWA	SZ	251	32	EP	1411	13.89 1.22									1.0
TAWA	SE	251	32	ES	1411	39.81 0.61									1.0
TAWA	SN	251	32	IAML	1411	46.92		2788	0.5						
TAWA	SE	251	32	IAML	1411	49.58		2078	0.2						
GTK	SN	262	314	EP	1411	14.13 0.23									1.0
GTK	SE	262	314	ES	1411	42.37 1.04									1.0
GTK	SN	262	314	IAML	1411	47.37		673	0.2						
GTK	SE	262	314	IAML	1411	48.04		817	0.3						
AZL	SZ	308	134	EP	1411	19.63 0.50									1.0
AZL	SE	308	134	ES	1411	50.04-0.33									1.0
AZL	SN	308	134	IAML	1411	53.65		87	0.3						
AZL	SE	308	134	IAML	1411	53.83		123	0.4						
IMP	SN	359	104	EP	1411	25.93 0.54									1.0
IMP	SN	359	104	IAML	1412	07.68		35	0.6						
ITAN	SE	359	63	IAML	1412	05.71		8015	0.2						
IMP	SN	359	104	ES	1412	00.19-1.01									1.0
ITAN	SZ	359	63	EP	1411	25.72 0.26									1.0
ITAN	SN	359	63	ES	1412	02.47 1.15									1.0
ITAN	SN	359	63	IAML	1412	04.84		10212	0.2						
IMP	SE	359	104	IAML	1412	07.44		30	0.6						
CMPI	HZ	373	130	EP	1411	28.52 1.15									1.0
ZIRO	SN	391	58	EP	1411	30.36 1.04									1.0
MOKO	SE	408	79	EP	1411	30.88-0.99									1.0
MOKO	SE	408	79	ES	1412	12.08-0.33									1.0
MOKO	SE	408	79	IAML	1412	13.36		249	0.3						
JMUI	BZ	439	260	EP	1411	33.20-2.00									1.0
BOKR	HZ	512	247	EP	1411	44.01-0.15									1.0
BOKR	HE	512	247	ES	1412	35.35 1.67									1.0

December 16 2024 Hour: 16:55 8.4 Lat: 24.42N Lon: 93.60E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	106	196	EP		1655	25.63	0.13							1.0
CMPI	HN	106	196	ES		1655	38.34	0.33							1.0
CMPI	HN	106	196	IAML		1655	39.60			5489	0.5				
CMPI	HE	106	196	IAML		1655	41.43			7669	0.4				
AZL	SZ	119	231	EP		1655	26.21-1.01								1.0
AZL	SN	119	231	ES		1655	41.12 0.12								1.0
AZL	SE	119	231	IAML		1655	44.70			1837	0.3				
AZL	SN	119	231	IAML		1655	44.73			1241	0.4				
MOKO	SZ	230	24	EP		1655	41.96 0.12								1.0
MOKO	SN	230	24	ES		1656	07.09 0.80								1.0
MOKO	SN	230	24	IAML		1656	16.40			336	0.8				
MOKO	SE	230	24	IAML		1656	16.87			363	0.4				
GUWA	SZ	275	316	EP		1655	45.90-0.99								1.0
GUWA	SE	275	316	ES		1656	15.07 0.06								1.0
GUWA	SE	275	316	IAML		1656	17.78			142	0.2				
GUWA	SN	275	316	IAML		1656	18.38			140	0.2				
ITAN	SZ	302	2	EP		1655	50.27-0.11								1.0
ITAN	SE	302	2	ES		1656	21.47 0.41								1.0
ITAN	SE	302	2	IAML		1656	24.76			291	0.3				
ITAN	SN	302	2	IAML		1656	26.87			285	0.2				
ZIRO	SN	345	4	EP		1655	55.49-0.20								1.0
ZIRO	SE	345	4	ES		1656	30.61 0.36								1.0
ZIRO	SE	345	4	IAML		1656	39.85			314	0.5				
ZIRO	SN	345	4	IAML		1656	40.62			430	0.3				

TAWA	SZ	392	334	EP	1656	01.97-0.19									1.0
TAWA	SE	392	334	ES	1656	41.60	0.16								1.0
TAWA	SE	392	334	IAML	1656	45.76		794	0.2						
TAWA	SN	392	334	IAML	1656	46.14		648	0.2						
HAUL	HZ	500	35	EP	1656	14.39-0.29									1.0
HAUL	HE	500	35	ES	1657	03.03-0.06									1.0
HAUL	HE	500	35	IAML	1657	07.79		254	0.4						
GTK	SN	595	304	EP	1656	25.68-0.98									1.0
GTK	SE	595	304	ES	1657	23.20-0.63									1.0
GTK	SN	595	304	IAML	1657	27.40		34	0.1						
GTK	SE	595	304	IAML	1657	27.64		12	0.1						
BOKR	HZ	787	267	EP	1656	49.20	0.04								1.0
BOKR	HE	787	267	ES	1658	04.70	1.95								1.0
BOKR	HE	787	267	IAML	1658	11.02		295	1.0						
BOKR	HN	787	267	IAML	1658	12.00		303	0.4						

December 17 2024 Hour: 1:47 18.3 Lat: 17.42S Lon: 171.28E D: 73.4 Ag: NCS Distant
Magnitudes: 7.0MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	9602	299	EP		0159	52.84	0.18							1.0
MOKO	SN	9602	299	ES		0210	11.11-0.36								1.0
CMPI	HZ	9603	296	EP		0159	52.54	0.03							1.0
CMPI	HN	9603	296	ES		0210	11.58	0.44							1.0
AZL	SZ	9672	296	EP		0159	54.78-0.56								1.0
AZL	SE	9672	296	ES		0210	14.59-0.08								1.0
ITAN	SZ	9708	299	EP		0159	55.24-1.65								0.9
ITAN	SE	9708	299	ES		0210	16.43-0.27								1.0
ZIRO	SN	9712	300	EP		0159	56.10-0.91								1.0
ZIRO	SE	9712	300	ES		0210	17.91	1.08							1.0
GUWA	SZ	9861	298	EP		0200	03.10-0.22								1.0
GUWA	SN	9861	298	ES		0210	25.12	0.20							1.0
TAWA	SZ	9898	299	EP		0200	05.44-0.13								1.0
TAWA	SE	9898	299	ES		0210	28.11	0.00							1.0
TURA	SZ	9974	297	EP		0200	07.98-0.15								1.0
TURA	SN	9974	297	ES		0210	31.35	0.31							1.0
COBR	BZ10074	297	EP			0200	12.14-0.14								1.0
COBR	BE10074	297	ES			0210	36.45	0.21							1.0
JPG	BZ10155	297	EP			0200	14.83-0.80								1.0
JPG	BN10155	297	ES			0210	40.49	0.08							1.0
GTK	SN10192	298	EP			0200	17.45-0.27								1.0
GTK	SE10192	298	ES			0210	44.32	1.05							1.0
BWNR	BZ10217	291	EP			0200	18.21-0.04								1.0
BWNR	BE10217	291	ES			0210	43.05-0.53								1.0
BOKR	HZ10330	294	EP			0200	23.04	0.06							1.0
BOKR	HE10330	294	ES			0210	49.21-0.23								1.0
JMUI	BZ10335	295	EP			0200	23.65	0.54							1.0
JMUI	BN10335	295	ES			0210	50.09	0.53							1.0
VISK	HZ10383	287	EP			0200	25.08-0.06								1.0
VISK	HE10383	287	ES			0210	51.67-0.26								1.0
RAGD	BZ10420	289	EP			0200	26.55-0.10								1.0
RAGD	BE10420	289	ES			0210	53.70-0.07								1.0
KNKR	BZ10649	289	EP			0200	35.26-0.83								1.0
KNKR	BE10649	289	ES			0211	04.61-0.39								1.0
VAR	BZ10658	295	EP			0200	36.55	0.20							1.0
VAR	BN10658	295	ES			0211	04.63-0.69								1.0
TRVM	HZ10751	277	EP			0200	40.08-0.14								1.0
CHT	HZ10764	278	EP			0200	40.65-0.14								1.0
BANG	HZ10827	281	EP			0200	42.66-0.64								1.0
KOCH	HZ10853	278	EP			0200	44.51	0.19							1.0
HYB	HZ10860	286	EP			0200	43.98-0.67								1.0
HYB	HN10860	286	ES			0211	16.91	2.01							0.9
BRCH	BZ10862	296	EP			0200	44.80	0.26							1.0
BRCH	BE10862	296	ES			0211	14.59-0.24								1.0

MYSR	HZ10912	280	EP	0200	48.66	1.95	0.9
BNDA	BZ10922	294	EP	0200	46.79	-0.24	1.0
BNDA	BE10922	294	ES	0211	17.11	-0.58	1.0
CNWR	HZ10959	290	EP	0200	48.34	0.08	1.0
CNWR	HE10959	290	ES	0211	19.54	0.15	1.0
BLRY	HZ11025	283	EP	0200	51.63	0.79	1.0
KLBG	HZ11032	285	EP	0200	52.43	1.30	0.9
LATR	BZ11096	286	EP	0200	54.28	0.55	1.0
LATR	BE11096	286	ES	0211	24.62	-0.92	1.0
SLPR	HZ11136	285	EP	0200	56.33	1.00	1.0
CHAT	HZ11140	298	EP	0200	55.41	-0.09	1.0
CHAT	HE11140	298	ES	0211	27.37	-0.14	1.0
BHPL	HZ11143	291	EP	0200	55.10	-0.46	1.0
BHPL	HN11143	291	ES	0211	27.09	-0.45	1.0
GUNA	BZ11191	293	EP	0200	57.84	0.33	1.0
GUNA	BE11191	293	ES	0211	29.15	-0.56	1.0
SUPA	HZ11210	283	EP	0201	00.01	1.74	0.9
UTK	BZ11248	299	EP	0200	59.66	-0.33	1.0
ASOR	BZ11259	297	EP	0200	59.90	-0.35	1.0
FBD	HZ11294	296	EP	0201	02.06	0.43	1.0
FBD	HE11294	296	ES	0211	33.99	-0.21	1.0
JMIU	BZ11301	296	EP	0201	02.42	0.58	1.0
JMIU	BN11301	296	ES	0211	34.17	-0.20	1.0
KAD	BZ11304	285	EP	0201	00.09	-1.90	0.9
AYAN	BZ11313	296	EP	0201	00.15	-2.25	0.8
AYAN	BE11313	296	ES	0211	33.07	-1.96	0.9
UJWA	BZ11337	296	EP	0201	03.28	-0.04	1.0
UJWA	BN11337	296	ES	0211	35.60	-0.39	1.0
RTK	BZ11395	297	EP	0201	06.32	0.68	1.0
RTK	BN11395	297	ES	0211	39.44	0.98	1.0
CGRH	BZ11408	298	EP	0201	06.59	0.46	1.0
ALCI	BZ11450	302	EP	0201	07.10	-0.93	1.0
ALCI	BE11450	302	ES	0211	44.05	2.93	0.7
BHK	BZ11457	299	EP	0201	08.94	0.88	1.0
DHRM	HZ11484	300	EP	0201	09.98	0.08	1.0
DHRM	HE11484	300	ES	0211	43.82	0.38	1.0
BOM	BZ11489	286	EP	0201	07.80	-1.52	0.9
AJM	BZ11502	294	EP	0201	09.81	-0.10	1.0
AJM	BE11502	294	ES	0211	42.68	-0.29	1.0
THN	BZ11535	300	EP	0201	12.50	1.28	0.9
SRAT	HZ11554	288	EP	0201	11.92	0.01	1.0
BHV	BZ11631	289	EP	0201	14.91	-0.08	1.0
JODH	HZ11652	293	EP	0201	16.77	0.90	1.0
SRIN	BZ11662	301	EP	0201	17.43	1.14	1.0
BKNR	BZ11671	295	EP	0201	16.07	-0.53	1.0
VRVL	HZ11791	287	EP	0201	20.74	-0.61	1.0
BARM	HZ11800	292	EP	0201	22.59	0.84	1.0
JASL	BZ11876	294	EP	0201	24.99	0.18	1.0
BHUJ	HZ11917	290	EP	0201	26.23	-0.19	1.0

December 17 2024 Hour: 11:23 28.8 Lat: 29.47N Lon: 81.19E D: 10.0F Ag: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.7 secs
Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	96	278	EP		1123	44.56	-0.23							1.0
PTH	BN	96	278	ES		1123	55.47	-1.00							1.0
PTH	BN	96	278	IAML		1123	58.23			1134	0.4				
PTH	BE	96	278	IAML		1124	01.86			1188	0.1				
LGTI	BZ	107	266	EP		1123	45.27	-1.32							1.0
LGTI	BE	107	266	ES		1123	59.89	0.31							1.0
LGTI	BE	107	266	IAML		1124	05.30			2462	0.2				
LGTI	BN	107	266	IAML		1124	05.31			1223	0.2				
CHAT	HN	183	285	EP		1123	56.90	0.83							1.0
CHAT	HE	183	285	ES		1124	16.70	0.73							1.0

CHAT	HN	183	285	IAML	1124	22.16		3758	0.4						
CHAT	HE	183	285	IAML	1124	22.30		4015	0.3						
JOSI	BN	198	308	EP	1123	57.89-0.09									1.0
JOSI	BE	198	308	ES	1124	19.34	0.06								1.0
UTK	BZ	299	298	EP	1124	10.97	0.36								1.0
UTK	BN	299	298	ES	1124	41.85	0.71								1.0
UTK	BN	299	298	IAML	1124	51.15			523	0.4					
UTK	BE	299	298	IAML	1124	55.16			1579	0.4					
DDI	HN	317	288	EP	1124	13.53	0.94								1.0
DDI	HE	317	288	ES	1124	44.66	0.10								1.0
DDI	HE	317	288	IAML	1124	49.27			420	0.4					
DDI	HN	317	288	IAML	1124	51.50			400	0.2					
NPL	BZ	402	258	EP	1124	23.50	0.31								1.0
SDNR	BZ	470	300	EP	1124	31.23-0.32									1.0
SDNR	BN	470	300	ES	1125	16.78-0.57									1.0
SDNR	BE	470	300	IAML	1125	21.36			20	0.3					
SDNR	BN	470	300	IAML	1125	21.57			24	0.1					
ALCI	BZ	648	325	EP	1124	51.97-1.28									1.0
ALCI	BE	648	325	ES	1125	55.22	0.33								1.0
CNWR	HZ	853	196	EP	1125	17.47	0.14								1.0

December 17 2024 Hour: 13:34 34.4 Lat: 19.75N Lon: 82.85E D: 5.0F Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RAGD	BN	84	131	EP		1334	47.19-0.84								1.0
RAGD	BE	84	131	ES		1334	56.64-1.36								1.0
RAGD	BE	84	131	IAML		1334	57.26			497	0.1				
RAGD	BN	84	131	IAML		1334	57.28			263	0.1				
KNKR	BZ	153	292	EP		1334	57.75-0.63								1.0
KNKR	BN	153	292	ES		1335	15.52-0.37								1.0
KNKR	BE	153	292	IAML		1335	15.72			46	0.2				
KNKR	BN	153	292	IAML		1335	15.78			71	0.1				
VISK	HZ	230	167	EP		1335	09.01	1.12							1.0
VISK	HN	230	167	ES		1335	33.78	1.42							1.0
VISK	HN	230	167	IAML		1335	34.09			47	0.1				
CNWR	HN	481	303	EP		1335	38.45-0.47								1.0
CNWR	HN	481	303	ES		1336	26.17	0.13							1.0
CNWR	HE	481	303	IAML		1336	30.17			69	0.2				
CNWR	HN	481	303	IAML		1336	31.03			115	0.3				
BOKR	HN	547	34	ES		1336	40.88	0.99							1.0

December 17 2024 Hour: 17:26 41.1 Lat: 34.54N Lon: 92.92E D: 8.7 Ag: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.6 secs
Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SN	777	188	EP		1728	22.00	0.47							1.0
TAWA	SE	777	188	ES		1729	34.07-0.76								1.0
TAWA	SE	777	188	IAML		1729	43.43			216	0.5				
TAWA	SN	777	188	IAML		1729	44.74			280	0.8				
ZIRO	SN	783	173	EP		1728	21.25-0.32								1.0
ZIRO	SN	783	173	ES		1729	33.64-1.25								1.0
HAUL	HZ	794	153	EP		1728	23.13	0.28							1.0
HAUL	HE	794	153	ES		1729	37.09-0.02								1.0
HAUL	HE	794	153	IAML		1729	37.99			163	0.4				
HAUL	HN	794	153	IAML		1729	39.13			187	0.8				
ITAN	SN	824	174	EP		1728	26.17-0.23								1.0
ITAN	SE	824	174	ES		1729	44.17	0.91							1.0
ITAN	SN	824	174	IAML		1729	53.83			185	1.0				
ITAN	SE	824	174	IAML		1729	54.33			205	1.5				
MOKO	SZ	924	170	EP		1728	38.22-0.41								1.0
MOKO	SN	924	170	ES		1730	04.29-0.13								1.0
MOKO	SN	924	170	IAML		1730	06.29			92	1.0				
MOKO	SE	924	170	IAML		1730	08.27			96	0.7				

AZL	SZ	1198	181	EP	1729	09.67-0.70										1.0
AZL	SE	1198	181	ES	1731	00.07	0.76									1.0
AZL	SE	1198	181	IAML	1731	02.09			32	0.8						
AZL	SN	1198	181	IAML	1731	04.51			38	0.9						
CMPI	HZ	1225	178	EP	1729	14.68	0.91									1.0
CMPI	HN	1225	178	ES	1731	05.69	0.49									1.0
CMPI	HN	1225	178	IAML	1731	11.30				76	1.1					
CMPI	HE	1225	178	IAML	1731	11.45				108	1.3					

December 18 2024 Hour: 6:48 58.3 Lat: 22.70N Lon: 93.45E D: 41.9 Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	89	351	EP		0649	12.13-0.43								1.0
CMPI	HE	89	351	ES		0649	22.10-0.85								1.0
CMPI	HN	89	351	IAML		0649	24.79			6516	0.3				
CMPI	HE	89	351	IAML		0649	26.35			7269	0.3				
AZL	SZ	139	326	EP		0649	18.75	0.27							1.0
AZL	SE	139	326	ES		0649	34.74	1.55							1.0
AZL	SE	139	326	IAML		0649	35.57			3253	0.3				
IMP	SZ	241	12	EP		0649	31.10-0.00								1.0
MOKO	SZ	415	15	EP		0649	51.72-1.03								1.0
MOKO	SE	415	15	ES		0650	33.90	1.42							1.0
MOKO	SE	415	15	IAML		0650	40.69			102	0.3				
GUWA	SZ	426	336	EP		0649	53.21-0.39								1.0
GUWA	SN	426	336	ES		0650	33.33-0.61								1.0
GUWA	SN	426	336	IAML		0650	36.57			109	0.4				
GUWA	SE	426	336	IAML		0650	36.64			97	0.3				
TURA	SN	453	314	EP		0649	56.62-0.27								1.0
TURA	SN	453	314	ES		0650	38.91-0.71								1.0
TURA	SN	453	314	IAML		0650	43.93			809	0.3				
TURA	SE	453	314	IAML		0650	45.50			824	0.3				
ZIRO	SN	536	4	EP		0650	08.22	1.26							1.0
ZIRO	SE	536	4	ES		0650	56.14-0.92								1.0
ZIRO	SN	536	4	IAML		0651	03.17			222	0.2				
ZIRO	SE	536	4	IAML		0651	03.44			183	0.6				
GTK	SN	708	317	EP		0650	28.40	0.36							1.0
GTK	SN	708	317	ES		0651	33.88	0.36							1.0
GTK	SE	708	317	IAML		0651	39.70			199	0.3				
GTK	SN	708	317	IAML		0651	43.34			155	0.4				

December 18 2024 Hour: 9:17 31.4 Lat: 28.65N Lon: 81.07E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BN	133	321	EP		0917	53.23	0.23							1.0
PTH	BN	133	321	ES		0918	06.95-1.85								1.0
PTH	BN	133	321	IAML		0918	09.91			353	0.1				
PTH	BE	133	321	IAML		0918	13.37			544	0.1				
CHAT	HZ	216	310	EP		0918	02.69	0.04							1.0
CHAT	HE	216	310	ES		0918	25.57	0.08							1.0
JOSI	BZ	257	326	EP		0918	07.07-0.81								1.0
JOSI	BN	257	326	ES		0918	35.83	1.28							1.0
UTK	BZ	343	313	EP		0918	18.82	0.17							1.0
UTK	BN	343	313	ES		0918	53.72	0.55							1.0
HNLY	BZ	500	337	EP		0918	38.10	0.31							1.0

December 18 2024 Hour: 10:53 2.0 Lat: 35.14N Lon: 78.79E D: 29.3 Ag: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN	179	236	EP		1053	27.51	0.16							1.0
ALCI	BN	179	236	ES		1053	43.32-2.55								1.0
ALCI	BE	179	236	IAML		1053	48.58			2197	0.4				

ALCI	BN	179	236	IAML	1053	48.84			2185	0.5					
TSSA	BZ	353	225	EP	1053	49.74	0.39								1.0
TSSA	BN	353	225	ES	1054	24.81	0.87								1.0
TSSA	BE	353	225	IAML	1054	30.45			1880	0.9					
TSSA	BN	353	225	IAML	1054	30.78			1601	0.7					
SRIN	BZ	385	253	EP	1053	53.03	0.28								1.0
SRIN	BE	385	253	ES	1054	29.70	-0.11								1.0
SRIN	BE	385	253	IAML	1054	49.73			3613	0.4					
SRIN	BN	385	253	IAML	1054	51.88			2713	0.9					
DHRM	HZ	395	216	EP	1053	54.94	0.34								1.0
DHRM	HE	395	216	ES	1054	34.42	1.40								1.0
DHRM	HE	395	216	IAML	1054	38.50			1117	0.5					
THN	BN	407	224	EP	1053	55.98	0.54								1.0
THN	BN	407	224	ES	1054	35.06	0.60								1.0
THN	BN	407	224	IAML	1054	53.14			1115	1.2					
BHK	BZ	472	209	EP	1054	02.96	-0.24								1.0
BHK	BN	472	209	ES	1054	48.16	0.27								1.0
BHK	BN	472	209	IAML	1054	58.56			362	0.8					
UTK	BZ	490	184	EP	1054	05.94	0.33								1.0
JOSI	BZ	513	172	EP	1054	09.26	0.91								1.0
CHAT	HZ	584	175	EP	1054	15.95	-0.94								1.0
NPL	BZ	737	192	EP	1054	33.94	-1.12								1.0
AJM	BZ	1044	204	EP	1055	11.54	0.24								1.0
AJM	BE	1044	204	ES	1056	44.31	-1.40								1.0

December 18 2024 Hour: 16:46 30.6

Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ			EP		1648	39.16								
MOKO	SZ			EP		1648	07.58								
ITAN	SZ			EP		1648	17.92								
ZIRO	SN			EP		1648	16.64								
MOKO	SN			ES		1649	37.32								
ITAN	SN			ES		1649	52.65								
TAWA	SN			ES		1650	53.61								

December 19 2024 Hour: 1:52 48.7 Lat: 28.40N Lon: 84.20E D: 10.0F

Ag: NCS Local

Magnitudes: 4.0ML NCS

Rms: 0.9 secs

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LKN	BN	373	242	EP		0153	40.04	0.48							1.0
LKN	BN	373	242	ES		0154	17.32	0.66							1.0
LKN	BN	373	242	IAML		0154	36.78			2520	0.7				
LKN	BE	373	242	IAML		0154	37.39			4157	0.4				
LGTI	BZ	416	286	EP		0153	43.70	-1.97							1.0
LGTI	BE	416	286	ES		0154	27.60	0.38							1.0
CHAT	HZ	500	290	EP		0153	53.53	-1.53							1.0
CHAT	HE	500	290	ES		0154	42.31	-1.17							1.0
BOKR	HZ	537	161	EP		0153	59.97	0.33							1.0
UTK	BZ	615	296	EP		0154	09.56	0.36							1.0
UTK	BN	615	296	ES		0155	08.69	0.75							1.0
UTK	BN	615	296	IAML		0155	13.81			147	0.6				
UTK	BE	615	296	IAML		0155	14.98			253	0.6				
AYAN	BZ	693	272	EP		0154	19.87	1.36							1.0
GUNA	BZ	801	240	EP		0154	30.39	-0.78							1.0
GUNA	BE	801	240	ES		0155	45.03	-0.91							1.0
GUNA	BE	801	240	IAML		0155	49.29			75	0.2				
GUNA	BN	801	240	IAML		0155	49.99			71	0.5				
DHRM	HZ	871	301	EP		0154	40.24	0.14							1.0
DHRM	HE	871	301	ES		0156	01.93	0.54							1.0
DHRM	HN	871	301	IAML		0156	09.22			67	0.4				
DHRM	HE	871	301	IAML		0156	09.51			81	0.4				
CNWR	HZ	881	218	EP		0154	39.82	-0.78							1.0
CNWR	HE	881	218	ES		0156	02.79	0.54							1.0
CNWR	HE	881	218	IAML		0156	09.19			69	0.5				

ALCI	BZ	928	316	EP	0154	47.35	1.05									1.0
KNKR	BZ	942	198	EP	0154	47.98	0.24									1.0
AJM	BZ	971	259	EP	0154	51.06	-0.19									1.0
AJM	BN	971	259	ES	0156	21.19	0.50									1.0

December 19 2024 Hour: 7:52 55.3 Lat: 25.73N Lon: 94.18E D: 10.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	74	27	EP		0753	09.39	1.65							1.0
MOKO	SE	74	27	ES		0753	17.02	0.22							1.0
MOKO	SE	74	27	IAML		0753	22.65			2246	0.4				
MOKO	SN	74	27	IAML		0753	22.69			2360	0.5				
IMP	SE	102	193	EP		0753	11.86	0.22							1.0
IMP	SE	102	193	ES		0753	24.26	0.71							1.0
IMP	SE	102	193	IAML		0753	29.10			64	0.4				
ITAN	SZ	163	344	EP		0753	19.46	-0.60							1.0
ITAN	SE	163	344	ES		0753	37.09	-1.03							1.0
ITAN	SE	163	344	IAML		0753	42.23			574	0.2				
ZIRO	SN	202	351	EP		0753	24.30	-0.52							1.0
ZIRO	SE	202	351	ES		0753	45.60	-0.74							1.0
ZIRO	SN	202	351	IAML		0753	46.43			501	0.4				
ZIRO	SE	202	351	IAML		0753	46.99			459	0.4				
GUWA	SZ	254	282	EP		0753	32.75	1.43							1.0
GUWA	SE	254	282	ES		0753	58.84	1.24							1.0
GUWA	SE	254	282	IAML		0754	07.86			78	0.4				
GUWA	SN	254	282	IAML		0754	08.66			169	0.3				
CMPI	HZ	263	200	EP		0753	32.21	-0.42							1.0
AZL	SZ	267	215	EP		0753	31.85	-1.13							1.0
AZL	SN	267	215	ES		0753	59.43	-1.04							1.0
AZL	SN	267	215	IAML		0754	00.85			34	0.1				
AZL	SE	267	215	IAML		0754	01.31			52	0.2				

December 19 2024 Hour: 11:21 32.5 Lat: 19.59N Lon: 85.80E D: 10.0F Ag: NCS Local
Magnitudes: 3.0ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BWNR	BZ	74	2	EP		1121	44.79	0.31							1.0
BWNR	BE	74	2	ES		1121	52.13	-1.07							1.0
BWNR	BN	74	2	IAML		1121	52.40			429	0.1				
BWNR	BE	74	2	IAML		1121	53.36			540	0.3				
RAGD	BN	249	262	EP		1122	07.51	-0.33							1.0
RAGD	BE	249	262	IAML		1122	33.77			120	0.2				
RAGD	BN	249	262	ES		1122	33.78	0.18							1.0
RAGD	BN	249	262	IAML		1122	34.52			186	0.2				
BOKR	HZ	466	1	EP		1122	34.30	-0.48							1.0
BOKR	HE	466	1	ES		1123	21.60	1.39							1.0

December 19 2024 Hour: 11:55 53.5 Lat: 31.26N Lon: 77.09E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHK	BZ	69	282	EP		1156	03.81	-0.87							1.0
BHK	BN	69	282	ES		1156	12.94	0.09							1.0
BHK	BE	69	282	IAML		1156	13.50			1132	0.2				
BHK	BN	69	282	IAML		1156	13.50			823	0.2				
DDI	HZ	140	138	EP		1156	14.73	-0.56							1.0
DDI	HE	140	138	ES		1156	32.48	1.28							1.0
DDI	HE	140	138	IAML		1156	36.62			1037	0.4				
DDI	HN	140	138	IAML		1156	36.79			821	0.4				
UTK	BZ	143	114	EP		1156	14.11	-1.79							1.0
UTK	BE	143	114	ES		1156	30.61	-1.66							1.0
UTK	BE	143	114	IAML		1156	36.76			1613	0.2				
UTK	BN	143	114	IAML		1156	36.97			1242	0.3				

THN	BZ	178	317	EP	1156	20.63	0.54									1.0
THN	BN	178	317	ES	1156	39.83	0.32									1.0
THN	BN	178	317	IAML	1156	45.81			1415	0.5						
TSSA	BZ	195	333	EP	1156	21.81	-1.04									1.0
TSSA	BN	195	333	ES	1156	44.76	0.48									1.0
TSSA	BE	195	333	IAML	1156	49.57			544	0.5						
TSSA	BN	195	333	IAML	1156	50.11			525	0.3						
JOSI	BZ	249	108	EP	1156	30.34	1.30									1.0
JOSI	BN	249	108	ES	1156	55.15	0.16									1.0
JOSI	BN	249	108	IAML	1157	00.58			97							
JOSI	BE	249	108	IAML	1157	02.39			1	0.2						
CHAT	HZ	266	124	EP	1156	32.28	1.29									1.0
CHAT	HE	266	124	ES	1156	58.64	0.27									1.0
CHAT	HE	266	124	IAML	1157	06.03			995	0.9						
CHAT	HN	266	124	IAML	1157	08.00			1026	0.3						
ALCI	BZ	327	2	EP	1156	38.73	-0.05									1.0
ALCI	BE	327	2	ES	1157	12.08	0.24									1.0
ALCI	BN	327	2	IAML	1157	24.62			84	0.5						
ALCI	BE	327	2	IAML	1157	25.41			93	0.1						

December 19 2024 Hour: 15:46 58.9 Lat: 36.86N Lon: 70.32E D:225.1 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.8 secs
Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	688	113	EP		1548	27.15	0.06							1.0
ALCI	BN	688	113	IAML		1549	30.88			50	0.5				
ALCI	BE	688	113	IAML		1549	33.95			76	0.6				
THN	BZ	702	133	EP		1548	29.26	0.75							1.0
THN	BN	702	133	ES		1549	34.00	0.06							1.0
THN	BN	702	133	IAML		1549	34.86			162	0.5				
DHRM	HN	751	131	EP		1548	35.31	0.57							1.0
DHRM	HN	751	131	ES		1549	43.76	-0.96							1.0
DHRM	HN	751	131	IAML		1549	44.96			316	0.4				
DHRM	HE	751	131	IAML		1549	45.15			272	0.5				
CHAT	HZ	1141	130	EP		1549	17.76	-1.38							1.0
CHAT	HE	1141	130	ES		1551	02.45	0.91							1.0
CHAT	HE	1141	130	IAML		1551	08.75			48	0.3				

December 19 2024 Hour: 17:45 29.4 Ag: Local
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MOKO SZ EP 1747 00.94
MOKO SE ES 1748 03.15
ZIRO SN EP 1746 48.53
ZIRO SE ES 1747 23.87
CMPI HZ EP 1746 24.24
CMPI HN ES 1746 59.97

December 20 2024 Hour: 9:43 29.6 Lat: 27.96N Lon: 92.86E D: 10.0F Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.7 secs
Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	106	248	EP		0943	47.61	0.49							1.0
TAWA	SN	106	248	ES		0943	58.48	-1.44							1.0
TAWA	SE	106	248	IAML		0943	59.51			1002	0.4				
TAWA	SN	106	248	IAML		0943	59.69			2075	0.2				
ZIRO	SN	109	116	EP		0943	47.21	0.30							1.0
ZIRO	SE	109	116	ES		0943	58.69	-0.87							1.0
ZIRO	SE	109	116	IAML		0943	60.00			1660	0.3				
ZIRO	SN	109	116	IAML		0944	00.87			2789	0.7				
ITAN	SZ	124	137	EP		0943	48.76	-0.52							1.0
ITAN	SN	124	137	ES		0944	03.19	-0.47							1.0
ITAN	SN	124	137	IAML		0944	03.98			307	0.1				
ITAN	SE	124	137	IAML		0944	04.85			500	0.4				
GUWA	SZ	228	211	EP		0944	02.61	0.32							1.0

GUWA	SE	228	211	ES	0944	27.02	0.86									1.0
GUWA	SE	228	211	IAML	0944	28.44			166	0.3						
GUWA	SN	228	211	IAML	0944	28.86			109	0.3						
MOKO	SZ	245	138	EP	0944	05.83	0.91									1.0
MOKO	SE	245	138	ES	0944	31.13	0.41									1.0
MOKO	SE	245	138	IAML	0944	36.52			271	0.6						
MOKO	SN	245	138	IAML	0944	36.57			294	0.3						

December 20 2024 Hour: 13:13 9.7 Lat: 23.70N Lon: 94.03E D: 81.8 Ag: NCS Local
Magnitudes: 4.0ML NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HN	77	253	EP		1313	24.48	-0.46							1.0
CMPI	HN	77	253	ES		1313	36.37	0.31							1.0
CMPI	HN	77	253	IAML		1313	38.86			11702	0.6				
CMPI	HE	77	253	IAML		1313	39.09			13139	0.4				
IMP	SZ	125	356	EP		1313	28.99	-0.48							1.0
IMP	SN	125	356	ES		1313	44.44	0.54							1.0
IMP	SN	125	356	IAML		1313	47.31			664	0.4				
IMP	SE	125	356	IAML		1313	51.46			1056	0.7				
AZL	SZ	137	272	EP		1313	30.06	-0.76							1.0
AZL	SE	137	272	ES		1313	46.37	0.14							1.0
AZL	SE	137	272	IAML		1313	46.84			2651	0.3				
MOKO	SZ	294	9	EP		1313	49.01	-0.39							1.0
GUWA	SZ	363	320	EP		1313	55.98	-1.10							1.0
GUWA	SE	363	320	ES		1314	29.69	-1.97							1.0
GUWA	SN	363	320	IAML		1314	30.34			387	0.4				
GUWA	SE	363	320	IAML		1314	30.39			263	0.5				
ITAN	SZ	382	355	EP		1313	58.36	-1.03							1.0
ZIRO	SN	424	358	EP		1314	03.59	-0.65							1.0
TURA	SZ	435	298	EP		1314	05.31	-0.24							1.0
TURA	SN	435	298	ES		1314	45.75	-0.56							1.0
TURA	SN	435	298	IAML		1314	46.70			797	0.4				
TURA	SE	435	298	IAML		1314	47.65			823	0.3				
DHUB	SE	482	303	EP		1314	10.95	-0.09							1.0
TAWA	SZ	483	334	EP		1314	11.78	-0.04							1.0
TAWA	SE	483	334	ES		1314	58.23	1.07							1.0
TAWA	SE	483	334	IAML		1314	58.97			764	0.2				
TAWA	SN	483	334	IAML		1315	00.23			896	0.2				
HAUL	HZ	545	27	EP		1314	19.48	0.97							1.0
HAUL	HE	545	27	ES		1315	09.61	0.88							1.0
HAUL	HE	545	27	IAML		1315	14.88			785	0.4				
GTK	SN	677	307	EP		1314	34.51	-0.03							1.0
GTK	SE	677	307	ES		1315	38.19	1.73							1.0
GTK	SE	677	307	IAML		1315	43.45			141	0.4				
GTK	SN	677	307	IAML		1315	44.42			106	0.6				
BOKR	HZ	831	272	EP		1314	53.92	1.77							1.0
BOKR	HE	831	272	ES		1316	07.33	0.40							1.0
BOKR	HN	831	272	IAML		1316	15.90			69	0.3				
BOKR	HE	831	272	IAML		1316	15.92			45	0.3				

December 20 2024 Hour: 22:29 5.8 Lat: 29.28N Lon: 81.59E D: 10.0F Ag: NCS Local
Magnitudes: 4.8ML NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	147	276	EP		2229	28.86	-0.39							1.0
LGTI	BE	147	276	ES		2229	46.40	0.05							1.0
LGTI	BN	147	276	IAML		2229	47.99			3755	0.2				
BRCH	BE	190	180	EP		2229	33.97	0.15							1.0
BRCH	BE	190	180	ES		2229	53.48	-0.77							1.0
BRCH	BE	190	180	IAML		2230	03.45			24881	1.0				
CHAT	HN	227	288	EP		2229	38.28	-0.24							1.0
CHAT	HE	227	288	ES		2230	02.89	0.50							1.0
CHAT	HE	227	288	IAML		2230	09.13			56068	0.5				

CHAT	HN	227	288	IAML	2230	09.52	58927	0.2	
JOSI	BZ	242	306	EP	2229	40.23-0.29			1.0
JOSI	BE	242	306	ES	2230	06.31 0.47			1.0
JOSI	BE	242	306	IAML	2230	14.75	82	0.5	
JOSI	BN	242	306	IAML	2230	14.78	9976	0.8	
LKN	BN	286	194	EP	2229	46.51 0.62			1.0
LKN	BE	286	194	ES	2230	16.90 1.77			1.0
LKN	BE	286	194	IAML	2230	24.85	13253	0.2	
LKN	BN	286	194	IAML	2230	26.66	9911	0.6	
UTK	BZ	344	299	EP	2229	52.42-0.78			1.0
UTK	BN	344	299	ES	2230	29.75 1.96			1.0
UTK	BN	344	299	IAML	2230	43.19	9141	0.7	
UTK	BE	344	299	IAML	2230	43.21	18706	0.2	
DDI	HZ	361	290	EP	2229	55.40 0.31			1.0
ASOR	BZ	376	262	EP	2229	58.01 0.91			1.0
ASOR	BE	376	262	ES	2230	34.94 0.42			1.0
ASOR	BN	376	262	IAML	2230	53.10	14880	0.5	
ASOR	BE	376	262	IAML	2230	54.58	12295	0.4	
AGRA	BZ	425	237	EP	2230	03.31 0.34			1.0
AGRA	BN	425	237	ES	2230	45.74 1.05			1.0
JMIU	BN	428	260	ES	2230	45.52 0.19			1.0
FBD	HZ	428	258	EP	2230	02.93-0.56			1.0
JMIU	BZ	428	260	EP	2230	03.07-0.28			1.0
JMIU	BN	428	260	IAML	2230	47.44	6867	0.5	
FBD	HE	428	258	IAML	2230	48.87	5078	0.4	
JMIU	BE	428	260	IAML	2230	48.13	6087	0.8	
FBD	HN	428	258	IAML	2230	46.44	3838	0.3	
FBD	HE	428	258	ES	2230	46.60 1.01			1.0
NPL	BZ	437	262	EP	2230	03.66-0.81			1.0
BNDA	BZ	439	197	EP	2230	03.32-1.40			1.0
BNDA	BE	439	197	ES	2230	46.39-1.32			1.0
AYAN	BZ	444	260	EP	2230	04.66-0.77			1.0
AYAN	BN	444	260	ES	2230	48.69-0.26			1.0
UJWA	BZ	464	261	EP	2230	08.18 0.42			1.0
VAR	BZ	465	162	EP	2230	08.39 0.47			1.0
RTK	BZ	504	268	EP	2230	12.70 0.02			1.0
BHK	BZ	553	296	EP	2230	18.03-0.54			1.0
DHRM	HZ	604	304	EP	2230	24.32-1.12			1.0
DHRM	HN	604	304	ES	2231	24.16 0.61			1.0
DHRM	HN	604	304	IAML	2231	25.19	721	0.6	
DHRM	HE	604	304	IAML	2231	27.15	1183	0.7	
THN	BZ	655	304	EP	2230	30.92-0.06			1.0
GUNA	BZ	664	220	EP	2230	31.06-1.04			1.0
JMUI	BZ	666	135	EP	2230	33.05 0.84			1.0
ALCI	BZ	688	324	EP	2230	35.00-0.17			1.0
BOKR	HZ	743	144	EP	2230	41.26-0.21			1.0
SRGN	BZ	750	277	EP	2230	38.00-4.21			1.0
AJM	BZ	755	247	EP	2230	43.24 0.38			1.0
BKNR	BZ	824	262	EP	2230	50.76-0.24			1.0
CNWR	HZ	844	199	EP	2230	52.33-0.97			1.0
JODH	HZ	906	250	EP	2231	00.33-0.28			1.0
KNKR	BZ	998	181	EP	2231	10.67-0.79			1.0
BARM	HZ	1078	251	EP	2231	21.92 1.07			1.0
JASL	BZ	1082	259	EP	2231	22.11 0.83			1.0
BWNR	BZ	1087	156	EP	2231	22.70 0.85			1.0
BHV	BZ	1262	231	EP	2231	42.95 0.45			1.0
VISK	HZ	1292	172	EP	2231	45.87-0.07			1.0
LATR	BZ	1309	204	EP	2231	47.49-0.53			1.0
CMPI	HZ	1332	116	EP	2231	52.91 1.96			1.0
HYB	HZ	1349	194	EP	2231	53.12 0.34			1.0
SLPR	HZ	1409	205	EP	2231	58.76-1.03			1.0
KLBG	HZ	1410	201	EP	2232	00.02 0.15			1.0
BOM	BZ	1454	220	EP	2232	05.69 0.67			1.0
KAD	BZ	1525	211	EP	2232	13.89 0.43			1.0

BLRY HZ	1641	200	EP	2232	27.14	0.06										0.9
SUPA HZ	1712	207	EP	2232	35.26	-0.23										0.9

December 20 2024 Hour: 23:141.2 Lat: 26.62N Lon: 92.60E D: 17.8 Ag: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	102	243	EP		2301	57.63	0.31							1.0
GUWA	SN	102	243	ES		2302	09.59	0.49							1.0
GUWA	SN	102	243	IAML		2302	09.85			249	0.1				
GUWA	SE	102	243	IAML		2302	09.86			169	0.2				
ITAN	SZ	126	62	EP		2302	00.30	-0.32							1.0
ITAN	SE	126	62	ES		2302	16.39	1.58							1.0
ITAN	SE	126	62	IAML		2302	16.69			508	0.2				
ITAN	SN	126	62	IAML		2302	18.37			413	0.3				
TAWA	SN	130	326	EP		2302	01.07	-0.66							1.0
TAWA	SE	130	326	ES		2302	16.27	-0.46							1.0
TAWA	SN	130	326	IAML		2302	16.69			290	0.3				
TAWA	SE	130	326	IAML		2302	17.35			362	0.4				
ZIRO	SN	160	51	EP		2302	05.58	0.79							1.0
ZIRO	SE	160	51	ES		2302	22.40	0.37							1.0
ZIRO	SE	160	51	IAML		2302	24.05			403	0.5				
ZIRO	SN	160	51	IAML		2302	25.51			516	0.1				
MOKO	SZ	194	99	EP		2302	08.50	-1.01							1.0
MOKO	SN	194	99	ES		2302	29.11	-1.07							1.0
MOKO	SN	194	99	IAML		2302	30.76			39	0.2				
MOKO	SE	194	99	IAML		2302	31.22			37	0.2				
AZL	SZ	319	178	EP		2302	23.67	-0.93							1.0
AZL	SE	319	178	ES		2302	57.19	0.90							1.0
AZL	SN	319	178	IAML		2302	57.99			11	0.2				
AZL	SE	319	178	IAML		2302	58.49			17	0.3				

December 21 2024 Hour: 5:151.0 Ag: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN			ES		0502	34.79								
HNLY	BZ			EP		0502	23.80								
HNLY	BE			ES		0502	43.43								
TSSA	BZ			EP		0502	43.21								
DHRM	HZ			EP		0502	50.12								
THN	BZ			EP		0502	49.41								
THN	BN			ES		0503	33.30								
SDNR	BZ			EP		0502	54.81								
SDNR	BN			ES		0503	36.84								
BHK	BZ			EP		0502	54.70								
UTK	BZ			EP		0502	58.15								
ALCI	BZ			EP		0502	18.80								
DHRM	HN			ES		0503	29.05								
BHK	BE			ES		0503	47.89								
TSSA	BN			ES		0503	18.65								

December 21 2024 Hour: 8:3932.3 Lat: 22.92N Lon: 94.44E D: 10.0F Ag: NCS Regional
Magnitudes: 3.9ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	201	297	EP		0840	04.53	0.58							1.0
AZL	SE	201	297	ES		0840	27.92	0.90							1.0
AZL	SN	201	297	IAML		0840	30.79			964	0.2				
AZL	SE	201	297	IAML		0840	31.40			1271	0.7				
IMP	SZ	217	347	EP		0840	05.86	-0.10							1.0
IMP	SN	217	347	ES		0840	31.43	0.92							1.0
MOKO	SZ	377	1	EP		0840	24.95	-0.53							1.0
MOKO	SN	377	1	ES		0841	04.43	0.15							1.0
GUWA	SZ	457	323	EP		0840	34.31	-0.96							1.0
GUWA	SN	457	323	ES		0841	18.81	-2.40							1.0

GUWA	SE	457	323	IAML	0841	21.75				109	0.2				
GUWA	SN	457	323	IAML	0841	22.34				134	0.3				
ITAN	SZ	473	351	EP	0840	37.02-0.24									1.0
ITAN	SN	473	351	ES	0841	25.66	1.00								1.0
ZIRO	SE	514	353	ES	0841	32.62-0.51									1.0
ZIRO	SN	514	353	IAML	0841	36.91				252	0.5				
ZIRO	SE	514	353	IAML	0841	40.82				347	0.5				
TAWA	SZ	579	334	EP	0840	50.86	0.76								1.0
TAWA	SN	579	334	ES	0841	47.26	0.39								1.0
TAWA	SE	579	334	IAML	0841	52.18				808	0.2				
TAWA	SN	579	334	IAML	0841	52.60				679	0.4				
GTK	SE	764	311	ES	0842	26.11	0.06								1.0

December 21 2024 Hour: 15:30 58.3

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HAUL	HZ			EP		1543	14.84								
MOKO	SZ			EP		1543	19.48								
ITAN	SZ			EP		1543	23.97								
ZIRO	SZ			EP		1543	25.25								
GUWA	SZ			EP		1543	30.00								
TAWA	SZ			EP		1543	32.95								
CHT	HZ			EP		1544	06.14								
BANG	HZ			EP		1544	08.96								
MYSR	HZ			EP		1544	12.40								
JBPL	HZ			EP		1544	13.80								
CNWR	HZ			EP		1544	16.47								
BLRY	HZ			EP		1544	17.12								
SLPR	HZ			EP		1544	21.63								
AZL	SZ			EP		1543	21.41								

December 21 2024 Hour: 16:38 10.4 Lat: 26.13N Lon: 95.71E D: 10.0F

Ag: NCS Local

Magnitudes: 3.8ML NCS

Rms: 0.7 secs

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	122	280	EP		1638	31.89	0.39							1.0
MOKO	SN	122	280	ES		1638	46.58-0.29								1.0
MOKO	SE	122	280	IAML		1638	53.03			4050	0.2				
MOKO	SN	122	280	IAML		1638	53.28			2334	0.7				
ITAN	SZ	228	300	EP		1638	46.47	1.07							1.0
ITAN	SE	228	300	ES		1639	10.91	0.00							1.0
ITAN	SE	228	300	IAML		1639	11.88			1110	0.1				
ITAN	SN	228	300	IAML		1639	12.57			2367	0.1				
HAUL	HZ	230	20	EP		1638	45.91	0.27							1.0
HAUL	HN	230	20	ES		1639	10.27-1.06								1.0
ZIRO	SZ	241	310	EP		1638	47.77	0.76							1.0
ZIRO	SN	241	310	ES		1639	13.44-0.26								1.0
ZIRO	SE	241	310	IAML		1639	14.78			1668	0.6				
ZIRO	SN	241	310	IAML		1639	15.17			3195	0.6				
GUWA	SZ	402	272	EP		1639	05.80-0.90								1.0
GUWA	SN	402	272	ES		1639	44.69-3.08								0.0
GUWA	SN	402	272	IAML		1639	46.50			170	0.2				
GUWA	SE	402	272	IAML		1639	47.10			233	0.3				
AZL	SZ	405	230	EP		1639	06.59-0.38								1.0
AZL	SN	405	230	ES		1639	48.01-0.22								1.0
AZL	SN	405	230	IAML		1639	49.02			51	0.5				
AZL	SE	405	230	IAML		1639	51.05			52	0.1				
TAWA	SZ	415	294	EP		1639	09.72	1.49							1.0
TAWA	SN	415	294	ES		1639	50.42	0.01							1.0
TAWA	SN	415	294	IAML		1639	52.73			1423					
TAWA	SE	415	294	IAML		1639	52.76			1566	0.9				
GTK	SE	720	282	ES		1640	53.93-0.86								1.0
GTK	SN	720	282	IAML		1640	55.89			52	0.3				
GTK	SE	720	282	IAML		1640	58.89			54	0.7				

December 21 2024 Hour: 19:36 47.1

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BN			ES		1939	36.19								
DHRM	HZ			EP		1938	29.45								
DHRM	HE			ES		1940	02.78								
UTK	BZ			EP		1938	58.74								
UTK	BE			ES		1940	55.29								
CHAT	HZ			EP		1939	16.19								
CHAT	HE			ES		1941	20.74								
ALCI	BZ			EP		1938	13.59								

December 22 2024 Hour: 1: 0 27.5 Lat: 37.11N Lon: 71.12E D: 10.0F

Ag: NCS Regional

Magnitudes: 4.5ML NCS

Rms: 0.8 secs

Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	476	134	EP		0101	30.72	-2.02							1.0
SRIN	BN	476	134	ES		0102	20.64	0.27							1.0
SRIN	BN	476	134	IAML		0102	26.73			2216	0.3				
SRIN	BE	476	134	IAML		0102	26.85			1773	0.4				
ALCI	BZ	636	119	EP		0101	51.87	-0.42							1.0
ALCI	BE	636	119	ES		0102	54.54	0.36							1.0
ALCI	BN	636	119	IAML		0102	57.33			232	0.7				
ALCI	BE	636	119	IAML		0102	58.78			258	0.8				
THN	BZ	672	139	EP		0101	58.05	1.36							1.0
THN	BN	672	139	ES		0103	02.05	0.24							1.0
DHRM	HZ	718	137	EP		0102	04.12	1.73							1.0
DHRM	HN	718	137	ES		0103	11.86	0.20							1.0
DHRM	HN	718	137	IAML		0103	15.88			1605	0.7				
DHRM	HE	718	137	IAML		0103	18.98			1238	0.8				
BHK	BZ	830	138	EP		0102	15.84	-0.10							1.0
BHK	BN	830	138	ES		0103	28.12	-6.99							0.0
BHK	BE	830	138	IAML		0103	31.56			334	0.8				
BHK	BN	830	138	IAML		0103	33.56			278	0.5				
UTK	BZ	979	134	EP		0102	33.77	-0.31							1.0
UTK	BN	979	134	ES		0104	03.45	-3.02							0.0
UTK	BN	979	134	IAML		0104	10.06			659	0.7				
UTK	BE	979	134	IAML		0104	10.51			697	0.5				
DDI	HZ	989	138	EP		0102	35.02	-0.33							1.0
DDI	HE	989	138	ES		0104	09.02	0.34							1.0
DDI	HN	989	138	IAML		0104	13.31			338	0.2				
DDI	HE	989	138	IAML		0104	13.51			292	0.5				
UJWA	BZ	1091	149	EP		0102	48.08	0.21							1.0
UJWA	BN	1091	149	ES		0104	30.33	-0.02							1.0
UJWA	BE	1091	149	IAML		0104	36.03			520	0.2				
UJWA	BN	1091	149	IAML		0104	39.88			430	0.8				
NPL	BN	1096	147	ES		0104	30.79	-0.48							1.0
CHAT	HZ	1106	134	EP		0102	49.10	-0.64							1.0
CHAT	HE	1106	134	ES		0104	33.66	0.08							1.0
CHAT	HE	1106	134	IAML		0104	36.72			404	0.7				
CHAT	HN	1106	134	IAML		0104	37.59			531	0.2				
AYAN	BZ	1109	148	EP		0102	50.29	0.19							1.0
AYAN	BE	1109	148	ES		0104	32.95	-1.25							1.0
AYAN	BN	1109	148	IAML		0104	39.58			99	0.2				
AYAN	BE	1109	148	IAML		0104	40.02			112	0.6				
AJM	BZ	1230	163	EP		0103	05.08	0.27							1.0
AJM	BN	1230	163	ES		0104	59.97	0.33							1.0
AJM	BN	1230	163	IAML		0105	03.40			41	0.3				
AJM	BE	1230	163	IAML		0105	07.03			43	0.6				

December 22 2024 Hour: 12:14 17.0 Lat: 26.14N Lon: 90.31E D: 6.3 Ag: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.9 secs
Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	70	187	EP		1214	29.34	0.16							1.0
TURA	SE	70	187	ES		1214	38.21	0.13							1.0
TURA	SE	70	187	IAML		1214	38.70			1516	0.2				
TURA	SN	70	187	IAML		1214	39.08			1105	0.2				
GUWA	SZ	138	87	EP		1214	39.93-0.94								1.0
GUWA	SN	138	87	ES		1214	56.27-2.05								1.0
GUWA	SE	138	87	IAML		1214	57.06			245	0.3				
GUWA	SN	138	87	IAML		1214	58.21			328	0.2				
GTK	SE	214	308	ES		1215	14.27-1.01								1.0
TAWA	SZ	223	44	EP		1214	52.78	1.01							1.0
TAWA	SE	223	44	ES		1215	17.41	0.25							1.0
TAWA	SE	223	44	IAML		1215	20.78			981	0.4				
TAWA	SN	223	44	IAML		1215	21.43			769	0.2				
ITAN	SZ	357	71	EP		1215	09.04	0.83							1.0
ITAN	SE	357	71	ES		1215	46.47	0.86							1.0
ITAN	SN	357	71	IAML		1216	09.65			180	0.4				
ITAN	SE	357	71	IAML		1216	12.55			203	0.3				
MOKO	SZ	421	86	EP		1215	16.34	0.36							1.0
MOKO	SE	421	86	ES		1215	59.47	0.42							1.0

December 22 2024 Hour: 15:13 55.0 Ag: Regional
STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
TAWA SE ES 1515 17.31
TAWA SZ EP 1515 11.84

December 22 2024 Hour: 22:37 42.1 Lat: 28.93N Lon: 94.89E D: 10.5 Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.5 secs
Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SE	187	214	ES		2238	34.00	0.31							1.0
ZIRO	SE	187	214	IAML		2238	35.92			577	0.2				
ZIRO	SN	187	214	IAML		2238	36.72			740	0.3				
ITAN	SZ	229	210	EP		2238	17.60	0.46							1.0
ITAN	SN	229	210	ES		2238	42.93	0.19							1.0
ITAN	SE	229	210	IAML		2238	44.80			578	0.7				
ITAN	SN	229	210	IAML		2238	46.19			704	0.5				
MOKO	SZ	292	187	EP		2238	24.75-0.06								1.0
MOKO	SN	292	187	ES		2238	55.96-0.05								1.0
MOKO	SE	292	187	IAML		2238	58.70			543	0.2				
MOKO	SN	292	187	IAML		2238	58.79			461	0.3				
TAWA	SZ	332	244	EP		2238	30.61	0.96							1.0
TAWA	SN	332	244	ES		2239	04.04-0.35								1.0
TAWA	SN	332	244	IAML		2239	09.04			354	0.4				
TAWA	SE	332	244	IAML		2239	09.26			396	0.0				
GUWA	SZ	438	227	EP		2238	41.36-1.32								1.0
GUWA	SE	438	227	ES		2239	26.97	0.05							1.0
GUWA	SE	438	227	IAML		2239	28.06			96	0.1				
GUWA	SN	438	227	IAML		2239	30.21			92	0.4				
AZL	SZ	616	201	EP		2239	04.31-0.04								1.0
AZL	SE	616	201	ES		2240	04.26-0.16								1.0
AZL	SN	616	201	IAML		2240	08.93			61	0.2				
AZL	SE	616	201	IAML		2240	09.04			81	0.2				
GTK	SE	643	255	ES		2240	10.23	0.01							1.0

December 23 2024 Hour: 1:35 35.0

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOCH	HN			ES		0137	55.35								
KOCH	HZ			EP		0137	19.94								

December 23 2024 Hour: 5:14 48.7 Lat: 24.10N Lon: 68.55E D: 10.0F

Ag: NCS Local

Magnitudes: 3.6ML NCS

Rms: 0.9 secs

Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHUJ	HZ	146	129	EP		0515	12.04	-1.34							1.0
BHUJ	HN	146	129	ES		0515	30.74	-0.68							1.0
BHUJ	HN	146	129	IAML		0515	31.63			1829	0.1				
BHUJ	HE	146	129	IAML		0515	32.00			2247	0.6				
JASL	BZ	392	37	EP		0515	43.29	-0.32							1.0
JASL	BE	392	37	ES		0516	24.26	0.53							1.0
JASL	BN	392	37	IAML		0516	27.96			344	0.8				
JASL	BE	392	37	IAML		0516	32.88			306	0.4				
BHV	BZ	451	124	EP		0515	52.17	1.39							1.0
BHV	BN	451	124	ES		0516	37.23	1.10							1.0
BHV	BN	451	124	IAML		0516	51.34			107	0.1				
BHV	BE	451	124	IAML		0516	51.49			92	0.6				
JODH	HZ	512	61	EP		0515	57.12	-1.21							1.0
JODH	HE	512	61	ES		0516	49.35	0.16							1.0
JODH	HE	512	61	IAML		0516	54.56			117	0.5				
JODH	HN	512	61	IAML		0516	55.33			115	0.7				
AJM	BZ	664	66	EP		0516	17.74	0.85							1.0
AJM	BE	664	66	ES		0517	21.07	-0.23							1.0
AJM	BE	664	66	IAML		0517	37.59			70	0.8				
AJM	BN	664	66	IAML		0517	39.34			41	0.4				
ALCI	BE	1400	35	ES		0519	56.51	-0.24							1.0

December 23 2024 Hour: 5:53 34.8 Lat: 25.75N Lon: 91.54E D: 10.0F

Ag: NCS Local

Magnitudes: 2.9ML NCS

Rms: 0.7 secs

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	51	17	EP		0553	43.12	-0.81							1.0
GUWA	SN	51	17	ES		0553	50.22	-0.36							1.0
GUWA	SN	51	17	IAML		0553	50.43			276	0.1				
GUWA	SE	51	17	IAML		0553	50.88			207	0.4				
TAWA	SZ	207	9	EP		0554	06.62	-0.53							1.0
TAWA	SN	207	9	ES		0554	30.89	0.13							1.0
TAWA	SE	207	9	IAML		0554	32.91			518	0.2				
TAWA	SN	207	9	IAML		0554	33.03			377	0.3				
AZL	SZ	252	152	EP		0554	11.23	-1.43							1.0
AZL	SE	252	152	ES		0554	40.78	0.50							1.0
ZIRO	SN	303	49	ES		0554	51.57	0.49							1.0
ZIRO	SE	303	49	IAML		0555	06.79			169	0.8				
ZIRO	SN	303	49	IAML		0555	07.25			171	0.4				
MOKO	SZ	305	77	EP		0554	19.61	0.44							1.0
MOKO	SN	305	77	ES		0554	52.24	0.69							1.0
GTK	SN	340	301	ES		0554	59.93	0.89							1.0
GTK	SE	340	301	IAML		0555	05.52			28	0.3				
GTK	SN	340	301	IAML		0555	06.92			23	0.4				

December 23 2024 Hour: 13:34 14.5 Lat: 23.80N Lon: 91.42E D: 6.7

Ag: NCS Local

Magnitudes: 2.9ML NCS

Rms: 0.6 secs

Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	130	93	EP		1334	36.56	-0.47							1.0
AZL	SN	130	93	ES		1334	54.05	0.57							1.0
AZL	SE	130	93	IAML		1334	54.77			182	0.3				
AZL	SN	130	93	IAML		1334	56.25			179	0.3				
CMPI	HZ	196	99	EP		1334	46.13	-0.01							1.0

CMPI	HE	196	99	ES	1335	09.14-0.09										1.0
CMPI	HE	196	99	IAML	1335	17.06			90	0.4						
CMPI	HN	196	99	IAML	1335	21.18			75	0.7						
GUWA	SZ	267	6	EP	1334	54.79 0.14										1.0
GUWA	SE	267	6	ES	1335	24.88 0.92										1.0
GUWA	SE	267	6	IAML	1335	25.92			52	0.2						
MOKO	SZ	419	48	EP	1335	13.21-0.08										1.0
MOKO	SE	419	48	ES	1335	56.76 0.56										1.0
ITAN	SN	437	31	ES	1335	59.94 0.01										1.0
ITAN	SE	437	31	IAML	1336	00.73			57	0.2						
ZIRO	SE	480	30	ES	1336	07.36-1.56										1.0
ZIRO	SE	480	30	IAML	1336	08.99			83	0.3						
ZIRO	SN	480	30	IAML	1336	11.71			68	0.5						

December 23 2024 Hour: 17:57 24.4 Lat: 19.44N Lon: 94.76E D: 10.0F Ag: NCS Local
Magnitudes: 4.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	474	342	EP		1758	31.16	1.58							1.0
CMPI	HN	474	342	ES		1759	17.44	0.29							1.0
CMPI	HN	474	342	IAML		1759	34.60			1302	1.1				
CMPI	HE	474	342	IAML		1759	36.66			1838	1.2				
AZL	SZ	522	336	EP		1758	36.06	0.75							1.0
AZL	SN	522	336	ES		1759	27.36	0.29							1.0
AZL	SN	522	336	IAML		1759	31.29			398	0.4				
AZL	SE	522	336	IAML		1759	32.66			481	1.0				
MOKO	SZ	763	358	EP		1759	04.64-0.08								1.0
MOKO	SN	763	358	ES		1800	18.06	0.12							1.0
MOKO	SE	763	358	IAML		1800	24.38			186	0.7				
MOKO	SN	763	358	IAML		1800	25.08			121	0.6				
GUWA	SZ	812	338	EP		1759	08.17-2.51								0.0
GUWA	SE	812	338	ES		1800	25.45-2.80								0.0
GUWA	SE	812	338	IAML		1800	28.09			116	0.8				
GUWA	SN	812	338	IAML		1800	28.17			131	1.1				
ITAN	SZ	860	353	EP		1759	14.78-1.80								1.0
ITAN	SN	860	353	ES		1800	38.31-0.16								1.0
ITAN	SN	860	353	IAML		1800	40.19			232	0.4				
ITAN	SE	860	353	IAML		1800	40.27			232	0.9				
DHUB	SE	878	327	ES		1800	42.20 0.10								1.0
DHUB	SE	878	327	IAML		1800	44.32			262	1.0				
ZIRO	SE	901	354	ES		1800	47.27 0.25								1.0
ZIRO	SN	901	354	IAML		1800	49.56			756	0.5				
ZIRO	SE	901	354	IAML		1800	50.10			614	0.9				
TAWA	SZ	950	342	EP		1759	26.35-1.21								1.0
TAWA	SE	950	342	ES		1800	56.61-0.86								1.0
TAWA	SE	950	342	IAML		1801	01.35			763	0.3				
TAWA	SN	950	342	IAML		1801	01.78			632	0.4				
HAUL	HZ	974	10	EP		1759	31.08 0.64								1.0
HAUL	HN	974	10	ES		1801	02.61 0.17								1.0
HAUL	HE	974	10	IAML		1801	11.56			497	0.3				
HAUL	HN	974	10	IAML		1801	16.70			580	0.3				
GTK	SE	1076	325	ES		1801	23.96-0.07								1.0
GTK	SE	1076	325	IAML		1801	30.10			113	0.9				
GTK	SN	1076	325	IAML		1801	30.29			95	0.9				

December 23 2024 Hour: 20:18 14.6 Lat: 24.12N Lon: 93.83E D: 10.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	87	218	EP		2018	30.03	0.10							1.0
CMPI	HN	87	218	ES		2018	42.07	0.93							1.0
CMPI	HN	87	218	IAML		2018	42.64			531	0.3				
CMPI	HE	87	218	IAML		2018	42.71			455	0.2				
AZL	SZ	123	250	EP		2018	34.78-1.06								1.0

AZL	SN	123	250	ES	2018	50.80-0.57									1.0
MOKO	SZ	254	16	EP	2018	52.68-0.03									1.0
MOKO	SE	254	16	ES	2019	20.85 0.29									1.0
ITAN	SZ	336	358	EP	2019	01.94-0.72									1.0
ITAN	SE	336	358	ES	2019	38.00 0.22									1.0
ZIRO	SE	378	0	ES	2019	46.23-0.43									1.0
ZIRO	SE	378	0	IAML	2019	48.62			35	0.6					
ZIRO	SN	378	0	IAML	2019	48.73			33	0.5					
TAWA	SZ	432	333	EP	2019	14.67 0.21									1.0
TAWA	SE	432	333	ES	2019	59.01 0.83									1.0
TAWA	SE	432	333	IAML	2020	01.79			88						
TAWA	SN	432	333	IAML	2020	02.37			82	0.4					
DHUB	SE	440	299	ES	2019	59.97 0.15									1.0
DHUB	SE	440	299	IAML	2020	01.72			155	0.1					
GTK	SE	633	305	ES	2020	40.71 0.08									1.0

December 24 2024 Hour: 9: 8 29.1 Lat: 36.72N Lon: 71.01E D:194.0F Ag: NCS Regional
Magnitudes: 4.1ML NCS Rms: 0.6 secs
Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	454	130	EP		0909	32.56	0.71							1.0
SRIN	BE	454	130	ES		0910	17.43-0.19								1.0
SRIN	BN	454	130	IAML		0910	21.85			1943	0.7				
SRIN	BE	454	130	IAML		0910	22.57			2834	0.4				
ALCI	BZ	625	115	EP		0909	51.80	0.19							1.0
ALCI	BN	625	115	ES		0910	51.64-0.16								1.0
ALCI	BN	625	115	IAML		0910	55.66			163	0.3				
ALCI	BE	625	115	IAML		0910	56.60			123	0.5				
TSSA	BZ	642	131	EP		0909	52.94-0.52								1.0
TSSA	BN	642	131	ES		0910	55.26	0.26							1.0
TSSA	BN	642	131	IAML		0910	57.12			675	0.2				
TSSA	BE	642	131	IAML		0910	57.28			643	0.2				
THN	BZ	647	136	EP		0909	53.95-0.17								1.0
THN	BN	647	136	ES		0910	55.92-0.24								1.0
DHRM	HZ	695	134	EP		0909	59.65-0.09								1.0
DHRM	HN	695	134	ES		0911	05.23-0.65								1.0
DHRM	HN	695	134	IAML		0911	10.07			801	0.8				
DHRM	HE	695	134	IAML		0911	10.94			606	0.3				
BHK	BZ	805	136	EP		0910	13.11	0.34							1.0
BHK	BN	805	136	ES		0911	23.35-5.06								0.0
BHK	BN	805	136	IAML		0911	25.11			73	0.8				
BHK	BE	805	136	IAML		0911	26.76			169	0.9				
HNLY	BZ	850	119	EP		0910	17.71-0.39								1.0
HNLY	BE	850	119	ES		0911	37.62-0.01								1.0
HNLY	BN	850	119	IAML		0911	42.70			8	0.5				
HNLY	BE	850	119	IAML		0911	44.42			9					
UTK	BZ	956	132	EP		0910	32.48	1.77							1.0
UTK	BN	956	132	ES		0911	59.70	0.24							1.0
UTK	BE	956	132	IAML		0912	03.59			177	0.5				
UTK	BN	956	132	IAML		0912	04.97			175	0.4				
JOSI	BZ	1046	128	EP		0910	40.96-0.47								1.0
JOSI	BN	1046	128	ES		0912	18.62	0.62							1.0
JOSI	BN	1046	128	IAML		0912	21.77			16	0.6				
CHAT	HZ	1084	132	EP		0910	44.70-1.34								1.0
CHAT	HN	1084	132	ES		0912	26.06	0.09							1.0
CHAT	HN	1084	132	IAML		0912	32.46			226	0.4				
CHAT	HE	1084	132	IAML		0912	33.79			214	0.6				

December 24 2024 Hour: 15:40 52.8 Lat: 29.95N Lon: 80.84E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	95	230	EP		1541	09.30	-0.21							1.0
LGTI	BN	95	230	ES		1541	21.22	-0.46							1.0
JOSI	BZ	141	299	EP		1541	14.42	-2.33							1.0
JOSI	BN	141	299	ES		1541	33.73	-0.48							1.0
JOSI	BN	141	299	IAML		1541	38.12			206	0.4				
CHAT	HZ	144	268	EP		1541	18.22	0.97							1.0
CHAT	HN	144	268	ES		1541	34.76	-0.30							1.0
CHAT	HE	144	268	IAML		1541	38.26			718	0.6				
CHAT	HN	144	268	IAML		1541	40.42			680	0.6				
UTK	BZ	246	291	EP		1541	30.37	0.40							1.0
UTK	BE	246	291	ES		1541	57.09	0.01							1.0
UTK	BN	246	291	IAML		1542	02.70			426	0.3				
UTK	BE	246	291	IAML		1542	03.13			389	0.6				
DDI	HZ	272	280	EP		1541	33.96	0.86							1.0
DDI	HN	272	280	ES		1542	03.71	1.23							1.0
DDI	HE	272	280	IAML		1542	11.45			171	0.3				
DDI	HN	272	280	IAML		1542	13.70			271	0.6				
DHRM	HZ	502	302	EP		1542	01.04	-0.29							1.0
DHRM	HN	502	302	ES		1542	51.92	0.60							1.0
DHRM	HN	502	302	IAML		1542	56.63			13	0.3				
DHRM	HE	502	302	IAML		1543	00.00			11	0.3				

December 24 2024 Hour: 22:42 29.3 Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CHT	HZ			EP		2301	44.52								
SUPA	HZ			EP		2301	45.31								
MYSR	HZ			EP		2301	42.95								
BANG	HZ			EP		2301	45.45								
SLPR	HZ			EP		2301	46.35								
JODH	HZ			EP		2301	47.73								
KLBG	HZ			EP		2301	50.02								
LATR	BZ			EP		2301	50.38								
AJM	BZ			EP		2301	51.94								
HYB	HZ			EP		2301	52.81								
BHPL	HZ			EP		2301	54.57								
THN	BZ			EP		2301	55.82								
GUNA	BZ			EP		2301	54.97								
DHRM	HZ			EP		2301	55.45								
UJWA	BZ			EP		2301	56.27								
AYAN	BZ			EP		2301	56.22								
NPL	BZ			EP		2301	56.27								
CNWR	HZ			EP		2301	56.30								
ALCI	BZ			EP		2301	56.80								
UTK	BZ			EP		2301	59.45								
CHAT	HZ			EP		2302	00.04								
LGTI	BZ			EP		2302	00.92								
AZL	SZ			EP		2302	13.33								
TAWA	SZ			EP		2302	14.46								
MOKO	SZ			EP		2302	15.21								

December 25 2024 Hour: 2:52 26.4 Lat: 23.70N Lon: 94.27E D:108.7 Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	100	257	EP		0252	45.95	-0.68							1.0
CMPI	HE	100	257	ES		0253	01.64	0.21							1.0
CMPI	HE	100	257	IAML		0253	04.04			575	0.6				
CMPI	HN	100	257	IAML		0253	05.11			467	0.3				
IMP	SZ	130	346	EP		0252	49.50	0.28							1.0

IMP	SN	130	346	ES	0253	06.19	0.28									1.0
AZL	SZ	161	272	EP	0252	51.91	-0.56									1.0
AZL	SN	161	272	ES	0253	11.75	0.21									1.0
AZL	SE	161	272	IAML	0253	12.80			219	0.3						
AZL	SN	161	272	IAML	0253	13.51			183	0.8						
GUWA	SZ	380	317	EP	0253	17.58	-0.17									1.0
GUWA	SN	380	317	ES	0253	54.17	-1.10									1.0
GUWA	SE	380	317	IAML	0253	57.44			40							
TURA	SZ	456	297	EP	0253	27.96	1.08									1.0
TURA	SN	456	297	ES	0254	11.50	0.44									1.0
TURA	SN	456	297	IAML	0254	13.34			91	0.3						
TURA	SE	456	297	IAML	0254	13.99			109	0.5						

December 25 2024 Hour: 6:58 31.4 Lat: 28.92N Lon: 77.00E D: 4.2 Ag: NCS Local
 Magnitudes: 3.5ML NCS Rms: 0.8 secs
 Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PWAL	BZ			EP		0658	40.21								
PWAL	BE			ES		0658	59.84								
PWAL	BE			IAML		0659	00.44			6354	0.5				
PWAL	BN			IAML		0659	03.28			2474	0.4				
NPL	BZ	36	152	EP		0658	37.44	-0.18							1.0
NPL	BN	36	152	ES		0658	43.38	1.20							1.0
NPL	BE	36	152	IAML		0658	44.96			5780	0.1				
NPL	BN	36	152	IAML		0658	45.05			5440	0.4				
UJWA	BZ	41	192	EP		0658	37.45	-1.08							1.0
UJWA	BE	41	192	ES		0658	44.24	0.49							1.0
UJWA	BE	41	192	IAML		0658	44.81			7169	0.4				
UJWA	BN	41	192	IAML		0658	45.55			5937	0.1				
JMIU	BZ	49	144	EP		0658	39.58	-0.27							1.0
JMIU	BN	49	144	ES		0658	47.21	1.17							1.0
JMIU	BN	49	144	IAML		0658	47.97			3262	0.2				
JMIU	BE	49	144	IAML		0658	48.97			6719	0.6				
AYAN	BZ	51	166	EP		0658	39.65	-0.65							1.0
AYAN	BE	51	166	ES		0658	47.23	0.42							1.0
AYAN	BE	51	166	IAML		0658	48.35			1800	0.1				
AYAN	BN	51	166	IAML		0658	49.47			1472	0.5				
BISR	BZ	58	132	EP		0658	41.16	-0.32							1.0
BISR	BN	58	132	ES		0658	48.91	0.06							1.0
MERT	BZ	72	86	EP		0658	42.53	-1.39							1.0
MERT	BN	72	86	ES		0658	53.77	0.69							1.0
MERT	BN	72	86	IAML		0658	56.19			2278	0.5				
MERT	BE	72	86	IAML		0658	56.79			3341	0.4				
ASOR	BZ	78	104	EP		0658	44.15	-0.69							1.0
ASOR	BN	78	104	ES		0658	54.82	0.14							1.0
ASOR	BN	78	104	IAML		0658	56.02			885	0.2				
ASOR	BE	78	104	IAML		0658	56.25			2525	0.1				
DDI	HZ	186	33	EP		0658	58.60	-3.27							0.0
DDI	HN	186	33	ES		0659	20.62	-3.50							0.0
AGRA	BZ	221	153	EP		0659	06.29	0.18							1.0
AGRA	BN	221	153	ES		0659	31.53	0.07							1.0
UTK	BZ	244	35	EP		0659	07.50	-1.50							1.0
UTK	BE	244	35	ES		0659	35.00	-1.46							1.0
CHAT	HZ	252	64	EP		0659	10.82	0.78							1.0
CHAT	HE	252	64	ES		0659	39.33	1.07							1.0
SDNR	BE	290	358	ES		0659	45.93	-0.33							1.0
JOSI	BZ	307	53	EP		0659	16.52	-0.12							1.0
JOSI	BN	307	53	ES		0659	49.73	0.05							1.0
JOSI	BN	307	53	IAML		0659	56.94			289	0.7				
PTH	BZ	320	76	EP		0659	16.60	-1.66							1.0
PTH	BN	320	76	ES		0659	52.87	0.39							1.0
PTH	BN	320	76	IAML		0659	58.78			168	0.7				
PTH	BE	320	76	IAML		0700	01.23			193	0.2				
DHRM	HZ	375	350	EP		0659	25.02	0.04							1.0

DHRM	HE	375	350	ES	0700	04.26	0.14									1.0
DHRM	HE	375	350	IAML	0700	12.89			437	0.6						
DHRM	HN	375	350	IAML	0700	13.62			325	0.1						
THN	BZ	407	344	EP	0659	30.91	2.05									1.0
THN	BN	407	344	ES	0700	11.47	0.65									1.0
TSSA	BZ	437	350	EP	0659	32.91	0.35									1.0
TSSA	BE	437	350	ES	0700	17.57	0.35									1.0
TSSA	BN	437	350	IAML	0700	31.73			158	0.8						
TSSA	BE	437	350	IAML	0700	33.20			121	0.6						
HNLY	BZ	467	23	EP	0659	36.53	0.21									1.0
HNLY	BE	467	23	ES	0700	24.05	0.32									1.0
GUNA	BZ	475	176	EP	0659	37.20	0.05									1.0
GUNA	BE	475	176	ES	0700	23.94	-1.22									1.0
GUNA	BN	475	176	IAML	0700	29.41			83	0.7						
GUNA	BE	475	176	IAML	0700	36.20			81	0.4						

December 25 2024 Hour: 7:57 41.4 Lat: 36.50N Lon: 70.06E D:170.0F Ag: NCS Regional
Magnitudes: 4.3ML NCS Rms: 0.8 secs

Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	694	129	EP		0759	11.74	0.42							1.0
TSSA	BN	694	124	ES		0800	18.29	1.32							1.0
TSSA	BE	694	124	IAML		0800	20.77			394	0.2				
TSSA	BN	694	124	IAML		0800	21.87			795	0.3				
THN	BN	694	129	ES		0800	17.20	0.25							1.0
TSSA	BZ	694	124	EP		0759	11.95	0.62							1.0
ALCI	BZ	695	109	EP		0759	12.24	0.69							1.0
ALCI	BE	695	109	ES		0800	16.95	-0.39							1.0
ALCI	BE	695	109	IAML		0800	21.19			149	0.8				
ALCI	BN	695	109	IAML		0800	21.72			155	0.4				
SDNR	BZ	838	129	EP		0759	28.44	-0.09							1.0
SDNR	BE	838	129	ES		0800	46.38	-0.33							1.0
SDNR	BN	838	129	IAML		0800	50.24			153	0.5				
SDNR	BE	838	129	IAML		0800	51.07			225	0.7				
HNLY	BZ	915	114	EP		0759	39.03	1.26							1.0
HNLY	BN	915	114	ES		0801	02.00	-0.70							1.0
UTK	BZ	1007	127	EP		0759	48.30	-0.35							1.0
UTK	BN	1007	127	ES		0801	21.79	0.27							1.0
UTK	BE	1007	127	IAML		0801	26.38			252	0.7				
UTK	BN	1007	127	IAML		0801	27.98			232	0.7				
JOSI	BZ	1100	124	EP		0759	58.65	-1.25							1.0
JOSI	BN	1100	124	ES		0801	40.06	-0.92							1.0
JOSI	BN	1100	124	IAML		0801	47.31			65	0.7				
CHAT	HZ	1134	128	EP		0800	02.63	-1.36							1.0
CHAT	HE	1134	128	ES		0801	48.60	0.55							1.0
CHAT	HE	1134	128	IAML		0801	51.63			179	0.5				
CHAT	HN	1134	128	IAML		0801	53.13			165	0.6				

December 25 2024 Hour: 12:37 12.3 Lat: 32.25N Lon: 76.62E D: 5.0F Ag: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.7 secs

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ	30	269	EP		1237	16.22	-1.40							1.0
DHRM	HN	30	269	ES		1237	21.20	-0.29							1.0
DHRM	HN	30	269	IAML		1237	21.75			1622	0.5				
DHRM	HE	30	269	IAML		1237	21.92			1455	0.2				
THN	BZ	80	285	EP		1237	27.23	1.03							1.0
THN	BN	80	285	ES		1237	36.98	0.64							1.0
SDNR	BZ	84	161	EP		1237	26.26	-0.67							1.0
SDNR	BN	84	161	ES		1237	37.79	0.20							1.0
SDNR	BN	84	161	IAML		1237	39.35			98	0.3				
SDNR	BE	84	161	IAML		1237	42.22			213	0.2				
BHK	BZ	100	162	EP		1237	29.63	-0.10							1.0
BHK	BN	100	162	ES		1237	43.05	0.62							1.0

BHK	BN	100	162	IAML	1237	47.25		180	0.4	
BHK	BE	100	162	IAML	1237	51.97		241	0.6	
ALCI	BZ	224	13	EP	1237	47.31-0.07				1.0
ALCI	BE	224	13	ES	1238	13.02 0.05				1.0
ALCI	BE	224	13	IAML	1238	17.84		70	1.6	
ALCI	BN	224	13	IAML	1238	18.14		51	0.5	

December 26 2024 Hour: 0:14 57.9 Lat: 38.42N Lon: 72.90E D:130.0F Ag: NCS Regional
Magnitudes: 4.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BE	514	160	ES		0016	55.12-0.11								1.0
SRIN	BN	514	160	IAML		0017	00.76			2780	0.8				
SRIN	BE	514	160	IAML		0017	01.70			2536	0.6				
ALCI	BZ	605	139	EP		0016	17.40 0.87								1.0
ALCI	BN	605	139	ES		0017	14.30 0.39								1.0
ALCI	BE	605	139	IAML		0017	19.57			472	1.3				
ALCI	BN	605	139	IAML		0017	20.21			372	0.4				
THN	BZ	714	158	EP		0016	31.18 1.57								1.0
THN	BN	714	158	ES		0017	37.14 0.60								1.0
DHRM	HZ	752	155	EP		0016	35.23 1.08								1.0
DHRM	HE	752	155	ES		0017	45.09 0.69								1.0
DHRM	HN	752	155	IAML		0017	48.88			1122	1.1				
DHRM	HE	752	155	IAML		0017	49.43			1383	0.3				
BHK	BZ	862	154	EP		0016	45.05-2.39								0.0
BHK	BN	862	154	ES		0018	04.05-3.34								0.0
BHK	BN	862	154	IAML		0018	08.16			347	0.6				
BHK	BE	862	154	IAML		0018	08.62			588	1.4				
UTK	BZ	993	148	EP		0017	03.60 0.53								1.0
UTK	BE	993	148	ES		0018	32.79-1.63								1.0
UTK	BE	993	148	IAML		0018	35.35			598	0.6				
DDI	HZ	1015	151	EP		0017	04.59-1.20								1.0
DDI	HN	1015	151	ES		0018	39.63 0.50								1.0
DDI	HE	1015	151	IAML		0018	44.19			356	0.5				
DDI	HN	1015	151	IAML		0018	45.69			637	0.3				
CHAT	HZ	1117	146	EP		0017	17.01-1.09								1.0
CHAT	HE	1117	146	ES		0018	59.44-1.00								1.0
CHAT	HE	1117	146	IAML		0019	02.73			211	0.4				
CHAT	HN	1117	146	IAML		0019	02.95			491	0.5				
NPL	BZ	1155	159	EP		0017	22.17-0.41								1.0
NPL	BN	1155	159	ES		0019	07.86-0.32								1.0
NPL	BE	1155	159	IAML		0019	13.93			310	0.6				
NPL	BN	1155	159	IAML		0019	15.79			251	0.8				
AYAN	BZ	1170	159	EP		0017	24.48-0.02								1.0
AYAN	BN	1170	159	ES		0019	12.57 1.06								1.0
AYAN	BE	1170	159	IAML		0019	17.47			107	0.4				
AYAN	BN	1170	159	IAML		0019	18.66			164	1.3				
AJM	BZ	1340	173	EP		0017	43.67-1.27								1.0
AJM	BN	1340	173	ES		0019	46.63-0.23								1.0
AJM	BN	1340	173	IAML		0019	50.82			49	0.1				
AJM	BE	1340	173	IAML		0019	52.73			42	0.7				

December 26 2024 Hour: 0:48 4.4 Lat: 28.90N Lon: 82.47E D: 36.1 Ag: NCS Local
Magnitudes: 3.3ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	238	284	EP		0048	36.86-1.14								1.0
LGTI	BN	238	284	ES		0049	01.74-0.78								1.0
CHAT	HZ	322	291	EP		0048	50.39 2.21								1.0
CHAT	HN	322	291	ES		0049	20.75 0.63								1.0
CHAT	HE	322	291	IAML		0049	30.46			275	0.6				
CHAT	HN	322	291	IAML		0049	31.66			341	0.5				
UTK	BZ	439	299	EP		0049	02.46 0.05								1.0
UTK	BN	439	299	ES		0049	44.85 0.11								1.0

UTK	BN	439	299	IAML	0050	00.71		80	0.6								
UTK	BE	439	299	IAML	0050	02.50		109	0.5								
GUNA	BZ	694	229	EP	0049	33.78	0.15									1.0	
GUNA	BN	694	229	ES	0050	38.71	-0.04									1.0	
GUNA	BN	694	229	IAML	0050	42.32			37	0.2							
GUNA	BE	694	229	IAML	0050	42.62			48	0.2							
DHRM	HZ	698	304	EP	0049	32.88	-1.27									1.0	
DHRM	HE	698	304	ES	0050	39.74	0.08									1.0	
DHRM	HE	698	304	IAML	0050	42.11			26	0.3							
DHRM	HN	698	304	IAML	0050	47.28			17	1.6							

December 26 2024 Hour: 4:12 4.1 Lat: 28.88N Lon: 76.86E D: 7.8 Ag: NCS Local
Magnitudes: 2.6ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NPL	BZ	40	132	EP		0412	10.93	-0.29							1.0
NPL	BN	40	132	ES		0412	16.92	0.49							1.0
NPL	BE	40	132	IAML		0412	17.24			718	0.2				
NPL	BN	40	132	IAML		0412	18.45			634	0.1				
AYAN	BZ	52	150	EP		0412	13.11	-0.08							1.0
AYAN	BE	52	150	ES		0412	19.57	-0.27							1.0
AYAN	BN	52	150	IAML		0412	20.91			77	0.1				
AYAN	BE	52	150	IAML		0412	20.94			135	0.5				
CHAT	HZ	266	65	EP		0412	44.07	0.04							1.0
CHAT	HE	266	65	ES		0413	13.09	-0.09							1.0
CHAT	HE	266	65	IAML		0413	17.13			102	0.2				
CHAT	HN	266	65	IAML		0413	17.48			128	0.5				
AJM	BZ	350	220	EP		0412	54.53	0.28							1.0
AJM	BE	350	220	ES		0413	30.78	-0.08							1.0
AJM	BE	350	220	IAML		0413	44.67			28	0.9				
AJM	BN	350	220	IAML		0413	47.59			17	0.7				

December 26 2024 Hour: 17:48 32.4 Lat: 23.52N Lon: 94.58E D: 80.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	130	269	EP		1748	53.99	0.24							1.0
CMPI	HN	130	269	ES		1749	09.53	0.21							1.0
CMPI	HN	130	269	IAML		1749	12.02			86	0.5				
CMPI	HE	130	269	IAML		1749	12.63			101	0.4				
AZL	SZ	194	278	EP		1749	00.77	-0.25							1.0
AZL	SN	194	278	ES		1749	22.18	0.27							1.0
AZL	SE	194	278	IAML		1749	23.17			130	0.2				
AZL	SN	194	278	IAML		1749	25.41			73	0.2				
MOKO	SZ	310	359	EP		1749	14.74	-0.19							1.0
MOKO	SE	310	359	ES		1749	45.81	-0.17							1.0
ITAN	SZ	411	348	EP		1749	27.76	0.71							1.0
ITAN	SN	411	348	ES		1750	07.06	0.12							1.0
ITAN	SN	411	348	IAML		1750	09.23			61	0.1				
ITAN	SE	411	348	IAML		1750	09.79			39	0.4				
GUWA	SZ	416	316	EP		1749	26.71	-0.96							1.0
GUWA	SN	416	316	ES		1750	07.55	-0.46							1.0
GUWA	SE	416	316	IAML		1750	09.25			62					
GUWA	SN	416	316	IAML		1750	09.57			102	0.2				
ZIRO	SE	450	351	ES		1750	15.42	0.28							1.0
ZIRO	SN	450	351	IAML		1750	17.68			78	0.4				
ZIRO	SE	450	351	IAML		1750	20.12			57	0.3				
TAWA	SZ	527	329	EP		1749	41.10	-0.07							1.0
TAWA	SN	527	329	ES		1750	31.64	0.27							1.0
TAWA	SE	527	329	IAML		1750	36.37			216	0.1				
TAWA	SN	527	329	IAML		1750	37.39			158	0.3				

December 26 2024 Hour: 21: 2 28.3

Ag: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITAN	SZ			EP		2110	20.77								
AZL	SZ			EP		2110	35.26								
GUWA	SZ			EP		2110	36.02								
COBR	BZ			EP		2110	51.56								
JPG	BZ			EP		2110	56.97								
STMR	BZ			EP		2111	18.31								
BOKR	HZ			EP		2111	21.68								
BWNR	BZ			EP		2111	32.69								
VAR	BZ			EP		2111	35.10								
BRCH	BZ			EP		2111	40.26								
CHAT	HZ			EP		2111	47.53								
RAGD	BZ			EP		2111	50.35								
UTK	BZ			EP		2111	51.79								
ALCI	BZ			EP		2111	54.33								
BNDA	BZ			EP		2111	51.08								
DDI	HZ			EP		2111	53.65								
VISK	HZ			EP		2111	55.31								
BHK	BZ			EP		2112	00.82								
ASOR	BZ			EP		2112	00.82								
DHRM	HZ			EP		2111	59.70								
JMIU	BZ			EP		2112	02.99								
FBD	HZ			EP		2112	03.75								
THN	BZ			EP		2112	03.27								
NPL	BZ			EP		2112	02.79								
AYAN	BZ			EP		2112	05.15								
UJWA	BZ			EP		2112	05.18								
SRIN	BZ			EP		2112	07.09								
CNWR	HZ			EP		2112	09.16								
NGP	BZ			EP		2112	11.75								
GUNA	BZ			EP		2112	12.73								
BHPL	HZ			EP		2112	14.59								
SRGN	BZ			EP		2112	18.09								
AJM	BZ			EP		2112	24.63								
HYB	HZ			EP		2112	24.42								
BKNR	BZ			EP		2112	27.88								
KLBG	HZ			EP		2112	37.99								
SLPR	HZ			EP		2112	41.60								
JASL	BZ			EP		2112	44.11								
BANG	HZ			EP		2112	45.20								
SRAT	HZ			EP		2112	50.61								
BHV	BZ			EP		2112	51.69								
KAD	BZ			EP		2112	50.62								
MYSR	HZ			EP		2112	53.31								
BOM	BZ			EP		2112	56.02								
SUPA	HZ			EP		2112	56.02								
TRVM	HZ			EP		2113	02.88								
AGRA	BZ			EP		2112	02.99								
JMUI	BZ			EP		2111	19.12								
LKN	BZ			EP		2111	42.39								

December 27 2024 Hour: 1:11 42.1 Lat: 36.43N Lon: 70.50E D:117.9

Ag: NCS Regional

Magnitudes: 3.9ML NCS

Rms: 0.5 secs

Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	655	110	EP		0113	05.86-0.79								1.0
ALCI	BN	655	110	ES		0114	08.75 0.39								1.0
ALCI	BN	655	110	IAML		0114	11.74			44	0.2				
THN	BZ	658	131	EP		0113	07.19 0.24								1.0
THN	BN	658	131	ES		0114	08.47-0.41								1.0
DHRM	HZ	707	129	EP		0113	13.68 0.79								1.0
DHRM	HE	707	129	ES		0114	19.35 0.20								1.0

DHRM	HN	707	129	IAML	0114	22.96		241	0.5	
DHRM	HE	707	129	IAML	0114	23.35		274	0.9	
BHK	BZ	815	131	EP	0113	25.23-0.72				1.0
BHK	BN	815	131	ES	0114	36.59-5.15				0.0
BHK	BN	815	131	IAML	0114	38.42		66	0.4	
BHK	BE	815	131	IAML	0114	38.53		98	0.2	
UTK	BZ	970	128	EP	0113	45.01 0.50				1.0
UTK	BN	970	128	ES	0115	13.66-0.19				1.0
UTK	BE	970	128	IAML	0115	17.08		86	0.6	
UTK	BN	970	128	IAML	0115	20.80		104	0.3	

December 27 2024 Hour: 4:28 39.2 Lat: 25.83N Lon: 90.51E D: 10.0F Ag: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	45	220	EP		0428	47.12-0.04								1.0
TURA	SE	45	220	ES		0428	52.63-0.31								1.0
TURA	SE	45	220	IAML		0428	53.73			2237	0.2				
GUWA	SZ	125	71	EP		0429	00.27-0.58								1.0
GUWA	SN	125	71	ES		0429	15.38-1.25								1.0
GUWA	SN	125	71	IAML		0429	16.67			183					
GUWA	SE	125	71	IAML		0429	16.89			221	0.2				
GTK	SE	252	311	ES		0429	44.81 0.06								1.0
GTK	SN	252	311	IAML		0429	57.63			96	0.5				
GTK	SE	252	311	IAML		0429	57.73			131	0.6				
MOKO	SZ	405	81	EP		0429	36.99 1.15								1.0
MOKO	SN	405	81	ES		0430	18.12 0.97								1.0
MOKO	SN	405	81	IAML		0430	38.18			32					
MOKO	SE	405	81	IAML		0430	40.15			23	1.1				

December 27 2024 Hour: 12:47 42.2 Lat: 47.37N Lon: 151.47E D:200.0F Ag: NCS Distant
Magnitudes: 6.5MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	5445	266	EP		1256	10.05 1.29								0.9
ITAN	SZ	5445	267	EP		1256	09.19 0.44								1.0
TAWA	SZ	5553	269	EP		1256	16.03-0.03								1.0
IMP	SZ	5596	264	EP		1256	18.05-0.97								1.0
GUWA	SZ	5667	268	EP		1256	23.47-0.31								1.0
CMPI	HZ	5744	264	EP		1256	28.86-0.26								1.0
AZL	SZ	5772	264	EP		1256	31.04 0.22								1.0
COBR	BZ	5828	269	EP		1256	34.74 0.29								1.0
JPG	BZ	5867	270	EP		1256	38.10 1.09								1.0
STMR	BZ	6111	273	EP		1256	53.97 1.00								1.0
ALCI	BZ	6193	285	EP		1256	58.68 0.50								1.0
BOKR	HZ	6281	270	EP		1257	03.93-0.01								1.0
BRCH	BZ	6329	276	EP		1257	07.74 0.83								1.0
CHAT	HZ	6332	280	EP		1257	07.37 0.29								1.0
UTK	BZ	6340	281	EP		1257	07.20-0.32								1.0
SRIN	BZ	6377	286	EP		1257	10.20 0.34								1.0
VAR	BZ	6391	273	EP		1257	09.90-0.89								1.0
DHRM	HZ	6392	284	EP		1257	10.72-0.13								1.0
DDI	HZ	6398	281	EP		1257	11.01-0.16								1.0
BHK	BZ	6405	283	EP		1257	14.40 2.73								0.8
THN	BZ	6416	284	EP		1257	12.91 0.62								1.0
LKN	BZ	6441	276	EP		1257	10.95-2.98								0.7
BWNR	BZ	6553	267	EP		1257	21.12 0.11								1.0
BNDA	BZ	6576	275	EP		1257	21.35-1.00								1.0
JMIU	BZ	6579	280	EP		1257	22.14-0.38								1.0
NPL	BZ	6584	280	EP		1257	22.83 0.07								1.0
FBD	HZ	6589	280	EP		1257	22.61-0.54								1.0
AYAN	BZ	6599	280	EP		1257	23.41-0.34								1.0
UJWA	BZ	6608	280	EP		1257	23.73-0.56								1.0
AGRA	BZ	6630	278	EP		1257	25.22-0.38								1.0

BLSP	BZ	6688	271	EP	1257	28.38-0.88	1.0
SRGN	BZ	6734	283	EP	1257	31.85-0.17	1.0
JBPL	HZ	6774	273	EP	1257	34.24-0.24	1.0
RAGD	BZ	6809	268	EP	1257	37.26 0.57	1.0
GUNA	BZ	6862	276	EP	1257	39.60-0.25	1.0
BKNR	BZ	6904	282	EP	1257	41.99-0.27	1.0
AJM	BZ	6933	280	EP	1257	43.92-0.18	1.0
VISK	HZ	6935	266	EP	1257	43.89-0.37	1.0
CNWR	HZ	6936	273	EP	1257	43.46-0.86	1.0
NGP	BZ	6994	272	EP	1257	47.78 0.08	1.0
CMBY	HZ	7007	250	EP	1257	48.44-0.09	0.0
HYB	HZ	7319	270	EP	1258	06.14-0.72	1.0
LATR	BZ	7396	272	EP	1258	10.63-0.61	1.0
KLBG	HZ	7457	271	EP	1258	14.74 0.12	1.0
BHV	BZ	7469	278	EP	1258	15.59 0.32	1.0
SRAT	HZ	7470	277	EP	1258	15.95 0.66	1.0
SLPR	HZ	7498	272	EP	1258	17.15 0.11	1.0
BHUJ	HZ	7540	281	EP	1258	19.79 0.48	1.0
KAD	BZ	7658	273	EP	1258	25.66-0.24	1.0
BANG	HZ	7739	267	EP	1258	30.39-0.02	1.0
SUPA	HZ	7791	271	EP	1258	33.40 0.06	1.0
MYSR	HZ	7862	267	EP	1258	37.60 0.44	1.0
CHT	HZ	8021	265	EP	1258	45.63-0.09	1.0
KOCH	HZ	8057	266	EP	1258	49.24 1.62	0.9
MNC	HZ	8457	267	EP	1259	08.35-0.11	1.0

December 27 2024 Hour: 13:44 44.6

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ			EP		1346	03.30								
THN	BN			ES		1347	17.63								
ALCI	BE			ES		1346	49.76								
DHRM	HZ			EP		1346	09.65								
DHRM	HN			ES		1347	09.24								
CHAT	HN			ES		1346	56.32								
CHAT	HZ			EP		1346	13.90								
ALCI	BZ			EP		1346	01.80								

December 27 2024 Hour: 15:37 2.1 Lat: 34.28N Lon: 74.47E D: 10.0F
Magnitudes: 3.7ML NCS Rms: 0.9 secs

Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	40	129	EP		1537	06.97-2.35								1.0
SRIN	BN	40	129	ES		1537	14.04-0.55								1.0
SRIN	BE	40	129	IAML		1537	15.29		10685	0.5					
SRIN	BN	40	129	IAML		1537	18.84		17175	0.7					
THN	BZ	239	148	EP		1537	37.38-1.03								1.0
THN	BN	239	148	ES		1538	05.22 0.30								1.0
ALCI	BZ	250	91	EP		1537	39.86 0.03								1.0
ALCI	BN	250	91	ES		1538	07.97 0.59								1.0
ALCI	BN	250	91	IAML		1538	17.62		283	0.1					
ALCI	BE	250	91	IAML		1538	18.85		267	0.5					
BHK	BZ	395	143	EP		1537	57.75 0.29								1.0
BHK	BE	395	143	ES		1538	38.62 0.74								1.0
BHK	BN	395	143	IAML		1538	46.58		279	0.7					
BHK	BE	395	143	IAML		1538	48.58		299	0.2					
DDI	HZ	554	141	EP		1538	17.90 1.10								1.0
DDI	HN	554	141	ES		1539	11.59 0.25								1.0
DDI	HE	554	141	IAML		1539	19.18		184	0.3					
DDI	HN	554	141	IAML		1539	19.28		174	0.2					
CHAT	HZ	671	135	EP		1538	31.02-0.10								1.0
CHAT	HN	671	135	ES		1539	36.86 0.75								1.0
CHAT	HE	671	135	IAML		1539	44.01		165	0.3					
CHAT	HN	671	135	IAML		1539	45.40		158	0.5					

December 27 2024 Hour: 22:39 29.2 Lat: 31.23N Lon: 66.59E D: 10.0F Ag: NCS Regional
Magnitudes: 4.5ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JASL	BZ	636	138	EP		2240	54.16	0.30							1.0
JASL	BE	636	138	ES		2241	55.73	0.04							1.0
BARM	HZ	769	141	EP		2241	09.88	-0.24							1.0
BARM	HN	769	141	ES		2242	23.84	0.03							1.0
BARM	HE	769	141	IAML		2242	30.52			1127	0.7				
BARM	HN	769	141	IAML		2242	31.85			2533	0.7				
SRIN	BZ	831	66	EP		2241	15.99	-1.79							1.0
SRIN	BE	831	66	ES		2242	37.59	0.53							1.0
SRIN	BE	831	66	IAML		2242	57.78			1012	1.8				
SRIN	BN	831	66	IAML		2242	58.34			574	1.0				
THN	BZ	882	79	EP		2241	24.35	0.36							1.0
THN	BN	882	79	ES		2242	48.12	0.30							1.0
DHRM	HZ	927	80	EP		2241	30.57	1.05							1.0
DHRM	HN	927	80	ES		2242	57.71	0.33							1.0
DHRM	HN	927	80	IAML		2243	05.56			252	1.0				
DHRM	HE	927	80	IAML		2243	08.57			262	2.2				
BHUJ	HZ	934	160	EP		2241	31.41	1.05							1.0
BHUJ	HE	934	160	ES		2242	59.20	0.38							1.0
BHUJ	HN	934	160	IAML		2243	08.08			283	0.5				
BHUJ	HE	934	160	IAML		2243	15.88			239	1.1				
AJM	BZ	948	122	EP		2241	30.93	-1.08							1.0
AJM	BE	948	122	ES		2243	01.54	-0.14							1.0
AJM	BE	948	122	IAML		2243	08.67			110	1.2				
ALCI	BZ	1046	69	EP		2241	44.72	0.69							1.0
ALCI	BN	1046	69	ES		2243	23.00	0.52							1.0
ALCI	BE	1046	69	IAML		2243	29.05			100	1.6				
ALCI	BN	1046	69	IAML		2243	36.51			54	0.7				
AYAN	BZ	1062	104	EP		2241	45.82	-0.13							1.0
AYAN	BN	1062	104	ES		2243	24.98	-0.82							1.0
AYAN	BN	1062	104	IAML		2243	25.86			147	0.2				
AYAN	BE	1062	104	IAML		2243	26.11			108	0.2				
DDI	HZ	1101	92	EP		2241	50.58	-0.15							1.0
DDI	HE	1101	92	ES		2243	34.16	0.08							1.0
UTK	BZ	1133	90	EP		2241	53.26	-1.33							1.0
UTK	BN	1133	90	ES		2243	40.84	0.09							1.0
UTK	BN	1133	90	IAML		2243	50.93			105	0.6				
UTK	BE	1133	90	IAML		2243	53.28			124	0.9				
CHAT	HZ	1233	94	EP		2242	06.72	-0.09							1.0
CHAT	HN	1233	94	ES		2244	01.92	0.03							1.0
CHAT	HE	1233	94	IAML		2244	14.43			207	0.4				
CHAT	HN	1233	94	IAML		2244	14.89			215	0.6				

December 28 2024 Hour: 4: 5 42.5 Ag: NCS Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UTK	BZ			EP		0406	20.05								
UTK	BN			ES		0406	42.46								
CHAT	HZ			EP		0406	25.90								
CHAT	HN			ES		0406	38.29								

December 28 2024 Hour: 6: 5 49.7 Lat: 28.68N Lon: 87.11E D: 10.0F Ag: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN	211	135	ES		0606	37.65	-8.92							0.0
GTK	SE	211	135	IAML		0606	39.79			371	0.2				
GTK	SN	211	135	IAML		0606	41.71			380	0.5				
DHUB	SE	411	135	ES		0607	29.33	0.63							1.0
DHUB	SE	411	135	IAML		0607	33.63			140	0.5				
DHUB	SN	411	135	IAML		0607	33.88			76	1.3				

TURA	SZ	467	138	EP	0606	53.45-0.45										1.0
TURA	SN	467	138	ES	0607	40.14-0.59										1.0
TURA	SE	467	138	IAML	0607	47.93			96	1.3						
TURA	SN	467	138	IAML	0607	49.24			121	0.2						
TAWA	SZ	483	103	EP	0606	56.62 0.85										1.0
TAWA	SN	483	103	ES	0607	44.28 0.31										1.0
TAWA	SE	483	103	IAML	0607	57.95			228	0.4						
TAWA	SN	483	103	IAML	0607	58.85			277	0.9						
GUWA	SZ	530	120	EP	0607	02.43 0.80										1.0
GUWA	SN	530	120	ES	0607	54.39 0.28										1.0
ZIRO	SN	675	99	ES	0608	23.87-0.68										1.0
ZIRO	SN	675	99	IAML	0608	31.30			114	0.5						
ZIRO	SE	675	99	IAML	0608	31.79			152	0.9						
MOKO	SZ	777	108	EP	0607	31.64-0.14										1.0
MOKO	SN	777	108	ES	0608	45.79-0.48										1.0
MOKO	SE	777	108	IAML	0608	53.50			31	1.5						
MOKO	SN	777	108	IAML	0608	57.49			24	0.6						
AZL	SZ	781	133	EP	0607	31.30-0.97										1.0
AZL	SN	781	133	ES	0608	47.53 0.42										1.0

December 28 2024 Hour: 7: 2 20.4 Lat: 27.95N Lon: 87.01E D: 10.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SN	172	114	ES		0703	01.36-7.66								0.0
DHUB	SE	366	125	ES		0703	50.07 0.25								1.0
DHUB	SN	366	125	IAML		0703	56.17			62	0.5				
DHUB	SE	366	125	IAML		0703	57.78			74	0.4				
TURA	SZ	418	129	EP		0703	17.35-1.20								1.0
TURA	SN	418	129	ES		0704	01.41 0.39								1.0
TURA	SE	418	129	IAML		0704	12.16			49	0.7				
TURA	SN	418	129	IAML		0704	13.64			49	0.5				
TAWA	SZ	480	94	EP		0703	26.68 0.59								1.0
TAWA	SN	480	94	ES		0704	13.62-0.45								1.0
TAWA	SE	480	94	IAML		0704	18.95			110	0.2				
TAWA	SN	480	94	IAML		0704	19.02			80	0.3				
GUWA	SZ	503	112	EP		0703	29.61 0.63								1.0
GUWA	SN	503	112	ES		0704	18.84-0.23								1.0

December 28 2024 Hour: 14: 4 8.3 Lat: 33.76N Lon: 75.54E D: 10.0F Ag: NCS Local
Magnitudes: 3.2ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	76	296	EP		1404	21.09-0.48								1.0
SRIN	BN	76	296	ES		1404	31.76 0.52								1.0
SRIN	BE	76	296	IAML		1404	35.19			1413	0.2				
SRIN	BN	76	296	IAML		1404	35.69			1767	0.7				
THN	BZ	148	170	EP		1404	31.48-1.92								1.0
THN	BN	148	170	ES		1404	51.42-0.29								1.0
ALCI	BZ	160	71	EP		1404	34.95-0.05								1.0
ALCI	BN	160	71	ES		1404	53.99-0.49								1.0
DHRM	HZ	182	157	EP		1404	37.99 0.26								1.0
DHRM	HN	182	157	ES		1404	59.50 0.29								1.0
DHRM	HE	182	157	IAML		1405	01.51			312	0.4				
DHRM	HN	182	157	IAML		1405	01.60			320	0.2				
BHK	BZ	293	153	EP		1404	51.52 0.25								1.0
BHK	BN	293	153	ES		1405	23.09 0.47								1.0
BHK	BE	293	153	IAML		1405	23.50			81	0.7				
BHK	BN	293	153	IAML		1405	23.52			211	0.6				
UTK	BZ	433	140	EP		1405	08.50 0.21								1.0
UTK	BE	433	140	ES		1405	52.22 0.15								1.0
UTK	BE	433	140	IAML		1405	54.79			67	0.6				
UTK	BN	433	140	IAML		1405	56.40			67	0.5				
CHAT	HZ	561	139	EP		1405	24.78 0.86								1.0

CHAT HN	561	139	ES	1406	19.33	0.22										1.0
CHAT HE	561	139	IAML	1406	24.57				49	0.6						
CHAT HN	561	139	IAML	1406	25.27				48	0.4						

December 29 2024 Hour: 0:11 38.4 Lat: 36.76N Lon: 71.52E D:159.0F Ag: NCS Regional
Magnitudes: 3.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	424	134	EP		0012	34.84	-1.46							1.0
SRIN	BN	424	134	ES		0013	18.12	-0.44							1.0
SRIN	BN	424	134	IAML		0013	23.68			375	0.6				
SRIN	BE	424	134	IAML		0013	27.20			302	0.5				
ALCI	BZ	586	117	EP		0012	55.89	0.49							1.0
ALCI	BE	586	117	ES		0013	51.63	0.04							1.0
THN	BZ	620	139	EP		0012	59.46	0.13							1.0
THN	BN	620	139	ES		0013	59.57	1.17							1.0
DHRM	HZ	666	137	EP		0013	05.38	0.51							1.0
DHRM	HE	666	137	ES		0014	07.35	-0.63							1.0
DHRM	HE	666	137	IAML		0014	11.07			193	0.6				
DHRM	HN	666	137	IAML		0014	12.78			262	1.1				
BHK	BE	777	138	ES		0014	26.93	-3.94							0.0
BHK	BN	777	138	IAML		0014	27.47			55	0.6				
BHK	BE	777	138	IAML		0014	29.05			70	0.3				
UTK	BZ	927	134	EP		0013	37.29	1.41							1.0
UTK	BE	927	134	ES		0015	01.49	-0.13							1.0
UTK	BN	927	134	IAML		0015	07.56			61	0.5				
UTK	BE	927	134	IAML		0015	08.76			74	0.2				
CHAT	HZ	1054	134	EP		0013	50.22	-1.05							1.0
CHAT	HN	1054	134	ES		0015	28.22	-0.03							1.0
CHAT	HE	1054	134	IAML		0015	31.55			71	0.4				
CHAT	HN	1054	134	IAML		0015	34.87			107	0.6				

December 29 2024 Hour: 11:2 10.6 Lat: 36.48N Lon: 71.19E D:241.0 Ag: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	600	113	EP		1103	32.14	0.36							1.0
ALCI	BN	600	113	ES		1104	30.69	-0.32							1.0
ALCI	BN	600	113	IAML		1104	34.95			76	0.5				
ALCI	BE	600	113	IAML		1104	35.15			77	0.7				
TSSA	BZ	612	130	EP		1103	32.97	-0.12							1.0
TSSA	BN	612	130	ES		1104	33.75	0.47							1.0
TSSA	BE	612	130	IAML		1104	35.55			115	0.3				
TSSA	BN	612	130	IAML		1104	36.25			155	0.4				
THN	BZ	616	135	EP		1103	33.75	0.10							1.0
THN	BN	616	135	ES		1104	33.71	-0.54							1.0
DHRM	HZ	664	133	EP		1103	39.24	0.07							1.0
DHRM	HE	664	133	ES		1104	44.10	0.31							1.0
DHRM	HE	664	133	IAML		1104	47.36			124	0.7				
DHRM	HN	664	133	IAML		1104	48.15			197	0.5				
SDNR	BZ	761	134	EP		1103	49.89	-0.40							1.0
SDNR	BE	761	134	ES		1105	03.10	0.07							1.0

December 29 2024 Hour: 16:47 51.9 Lat: 36.57N Lon: 71.26E D:296.7 Ag: NCS Regional
Magnitudes: 4.4ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	426	130	EP		1648	57.13	0.07							1.0
SRIN	BN	426	130	ES		1649	43.79	-0.86							1.0
SRIN	BN	426	130	IAML		1649	45.55			4619	0.9				
SRIN	BE	426	130	IAML		1649	46.07			3033	0.3				
ALCI	BZ	598	114	EP		1649	15.34	0.07							1.0
ALCI	BE	598	114	ES		1650	16.46	0.30							1.0
ALCI	BE	598	114	IAML		1650	17.92			249	0.9				

ALCI	BN	598	114	IAML	1650	18.83		206	1.2						
THN	BZ	619	136	EP	1649	17.41-0.21									1.0
THN	BN	619	136	ES	1650	20.53 0.32									1.0
DHRM	HZ	667	135	EP	1649	23.66 0.74									1.0
DHRM	HN	667	135	ES	1650	30.42 1.03									1.0
DHRM	HE	667	135	IAML	1650	31.71		955	0.6						
DHRM	HN	667	135	IAML	1650	31.89		988	0.6						
BHK	BZ	777	136	EP	1649	31.27-4.12									0.0
BHK	BE	777	136	ES	1650	44.56-6.39									0.0
BHK	BN	777	136	IAML	1650	47.24		188	0.5						
BHK	BE	777	136	IAML	1650	48.07		213	0.2						
UTK	BZ	928	132	EP	1649	52.27-0.47									1.0
UTK	BN	928	132	ES	1651	20.12-0.85									1.0
UTK	BN	928	132	IAML	1651	24.63		206	0.3						
UTK	BE	928	132	IAML	1651	26.21		132	0.5						
CHAT	HZ	1056	132	EP	1650	07.52-0.18									1.0
CHAT	HE	1056	132	ES	1651	46.89 0.03									1.0
CHAT	HN	1056	132	IAML	1651	50.36		171	0.3						
CHAT	HE	1056	132	IAML	1651	51.50		148	0.6						

December 29 2024 Hour: 17:35 38.0 Lat: 36.16N Lon: 70.74E D: 10.0F Ag: NCS Regional
Magnitudes: 4.1ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	622	130	EP		1737	01.60	0.56							1.0
THN	BN	622	130	ES		1738	02.43	0.75							1.0
ALCI	BZ	625	108	EP		1737	00.89-0.52								1.0
ALCI	BN	625	108	ES		1738	02.17-0.16								1.0
ALCI	BE	625	108	IAML		1738	07.28			144	0.6				
ALCI	BN	625	108	IAML		1738	08.06			128	0.3				
DHRM	HZ	671	129	EP		1737	07.82	0.73							1.0
DHRM	HN	671	129	ES		1738	13.50	1.35							1.0
DHRM	HE	671	129	IAML		1738	14.59			439	0.2				
DHRM	HN	671	129	IAML		1738	16.10			574	0.3				
BHK	BZ	780	131	EP		1737	15.42-4.88								0.0
BHK	BN	780	131	ES		1738	29.26-5.75								0.0
BHK	BN	780	131	IAML		1738	30.38			119	0.2				
BHK	BE	780	131	IAML		1738	31.02			163	0.2				
UTK	BZ	935	128	EP		1737	40.26	1.08							1.0
UTK	BN	935	128	ES		1739	07.20-0.48								1.0
UTK	BE	935	128	IAML		1739	11.36			177	0.4				
UTK	BN	935	128	IAML		1739	12.40			107	0.2				
JOSI	BZ	1028	125	EP		1737	50.57-0.04								1.0
JOSI	BN	1028	125	ES		1739	27.18-0.26								1.0
JOSI	BN	1028	125	IAML		1739	35.44			63	0.6				
AYAN	BZ	1041	143	EP		1737	51.63-0.64								1.0
AYAN	BN	1041	143	ES		1739	29.84-0.47								1.0
AYAN	BN	1041	143	IAML		1739	31.39			58	0.2				
AYAN	BE	1041	143	IAML		1739	31.63			63	0.4				
CHAT	HZ	1062	128	EP		1737	53.77-1.04								1.0
CHAT	HN	1062	128	ES		1739	33.85-0.87								1.0
CHAT	HE	1062	128	IAML		1739	40.81			224	0.3				
CHAT	HN	1062	128	IAML		1739	42.23			192	0.4				

December 29 2024 Hour: 18:39 22.7 Lat: 36.74N Lon: 71.11E D:268.9 Ag: NCS Regional
Magnitudes: 3.8ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	448	131	EP		1840	28.82	0.38							1.0
SRIN	BN	448	131	ES		1841	16.71	0.25							1.0
SRIN	BN	448	131	IAML		1841	17.94			680	0.8				
SRIN	BE	448	131	IAML		1841	18.30			875	0.7				
ALCI	BZ	618	115	EP		1840	47.43	0.45							1.0
ALCI	BE	618	115	ES		1841	48.11-0.43								1.0

ALCI	BE	618	115	IAML	1841	49.54		53	0.1					
ALCI	BN	618	115	IAML	1841	51.28		42	0.7					
THN	BZ	642	137	EP	1840	49.88	0.19							1.0
THN	BN	642	137	ES	1841	53.14	-0.08							1.0
DHRM	HZ	689	135	EP	1840	55.69	0.60							1.0
DHRM	HE	689	135	ES	1842	01.29	-1.28							1.0
DHRM	HN	689	135	IAML	1842	06.60		120	1.0					
DHRM	HE	689	135	IAML	1842	08.39		89	0.6					
UTK	BZ	951	132	EP	1841	24.63	-0.66							1.0
UTK	BE	951	132	ES	1842	55.32	0.50							1.0
UTK	BN	951	132	IAML	1842	58.34		50	0.3					
UTK	BE	951	132	IAML	1843	02.05		53	0.6					
CHAT	HZ	1079	132	EP	1841	39.41	-0.97							1.0
CHAT	HN	1079	132	ES	1843	21.97	1.04							1.0
CHAT	HN	1079	132	IAML	1843	29.07		31	0.5					
CHAT	HE	1079	132	IAML	1843	30.07		34	0.5					

December 30 2024 Hour: 14:3 54.6 Lat: 23.81N Lon: 94.26E D: 70.0F Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	103	250	EP		1404	13.00	0.52							1.0
CMPI	HN	103	250	ES		1404	24.73	-0.80							1.0
CMPI	HN	103	250	IAML		1404	32.39			1018	1.0				
CMPI	HE	103	250	IAML		1404	33.61			1884	1.4				
IMP	SZ	117	344	EP		1404	12.63	-1.25							1.0
IMP	SE	117	344	ES		1404	26.68	-1.27							1.0
IMP	SE	117	344	IAML		1404	30.20			127	0.2				
IMP	SN	117	344	IAML		1404	30.97			158	0.6				
AZL	SZ	160	267	EP		1404	19.14	0.25							1.0
AZL	SE	160	267	ES		1404	36.72	0.11							1.0
AZL	SN	160	267	IAML		1404	40.60			125	0.4				
AZL	SE	160	267	IAML		1404	45.00			215	0.4				
MOKO	SZ	279	5	EP		1404	34.40	1.19							1.0
MOKO	SN	279	5	ES		1405	01.74	0.34							1.0
MOKO	SN	279	5	IAML		1405	14.86			57	0.7				
MOKO	SE	279	5	IAML		1405	15.45			55	0.5				
ZIRO	SN	414	354	ES		1405	29.83	0.27							1.0
ZIRO	SE	414	354	IAML		1405	32.15			67	0.2				
ZIRO	SN	414	354	IAML		1405	34.49			87	1.1				
TURA	SZ	450	296	EP		1404	53.42	-0.47							1.0
TURA	SN	450	296	ES		1405	38.27	1.10							1.0
TURA	SN	450	296	IAML		1405	42.55			70	0.5				
TURA	SE	450	296	IAML		1405	45.08			54	0.5				

December 30 2024 Hour: 20:11 7.7 Lat: 26.78N Lon: 92.47E D: 9.7 Ag: NCS Local
Magnitudes: 3.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ	101	230	EP		2011	24.95	-0.35							1.0
GUWA	SN	101	230	ES		2011	37.47	-0.71							1.0
GUWA	SN	101	230	IAML		2011	39.65			277	0.2				
GUWA	SE	101	230	IAML		2011	39.79			546	0.2				
TAWA	SZ	108	327	EP		2011	27.75	1.35							1.0
TAWA	SN	108	327	ES		2011	40.12	0.04							1.0
ITAN	SZ	131	72	EP		2011	29.66	-0.48							1.0
ITAN	SN	131	72	ES		2011	46.64	0.09							1.0
ITAN	SN	131	72	IAML		2011	47.62			660	0.1				
ITAN	SE	131	72	IAML		2011	47.77			921	0.2				
ZIRO	SN	160	59	ES		2011	52.14	-1.71							1.0
ZIRO	SN	160	59	IAML		2011	53.15			1320	1.1				
ZIRO	SE	160	59	IAML		2011	54.02			594	0.7				
MOKO	SZ	210	104	EP		2011	40.00	-0.55							1.0
MOKO	SE	210	104	ES		2012	06.19	1.62							1.0

MOKO	SN	210	104	IAML	2012	10.46		89	0.5						
MOKO	SE	210	104	IAML	2012	10.49		94	0.1						
AZL	SZ	338	176	EP	2011	57.01	0.96								1.0
AZL	SE	338	176	ES	2012	31.31	-0.07								1.0
CMPI	HZ	374	167	EP	2012	00.10	-0.54								1.0
CMPI	HE	374	167	ES	2012	39.69	0.37								1.0
CMPI	HN	374	167	IAML	2012	44.88		31	0.5						
CMPI	HE	374	167	IAML	2012	46.83		34	0.6						
GTK	SN	388	280	ES	2012	41.99	-0.02								1.0

December 30 2024 Hour: 21:48 50.7 Lat: 36.60N Lon: 70.69E D:246.8 Ag: NCS Regional
Magnitudes: 3.7ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	469	126	EP		2149	58.52	1.07							1.0
SRIN	BN	469	126	ES		2150	46.51	0.32							1.0
SRIN	BN	469	126	IAML		2150	47.03			752	0.5				
SRIN	BE	469	126	IAML		2150	47.88			610	0.8				
ALCI	BZ	646	112	EP		2150	16.57	-0.79							1.0
ALCI	BN	646	112	ES		2151	20.50	-0.12							1.0
ALCI	BE	646	112	IAML		2151	21.17			88	0.5				
ALCI	BN	646	112	IAML		2151	21.62			52	0.5				
THN	BZ	658	133	EP		2150	18.46	-0.23							1.0
THN	BN	658	133	ES		2151	22.33	-0.61							1.0
DHRM	HZ	707	131	EP		2150	24.56	0.27							1.0
DHRM	HN	707	131	ES		2151	31.89	-0.74							1.0
DHRM	HN	707	131	IAML		2151	34.29			281	0.5				
DHRM	HE	707	131	IAML		2151	35.24			214	0.4				
JOSI	BZ	1061	127	EP		2151	05.43	-0.30							1.0
JOSI	BN	1061	127	ES		2152	45.44	1.13							1.0
JOSI	BE	1061	127	IAML		2152	47.96			2	1.1				
JOSI	BN	1061	127	IAML		2152	48.99			7	0.3				

December 31 2024 Hour: 2: 9 4.5 Lat: 29.32N Lon: 80.67E D: 4.7 Ag: NCS Regional
Magnitudes: 4.0ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
LGTI	BZ	58	278	EP		0209	14.47	-0.07							1.0
LGTI	BN	58	278	ES		0209	23.05	1.15							1.0
CHAT	HZ	142	296	EP		0209	28.54	-0.57							1.0
CHAT	HN	142	296	ES		0209	46.11	-1.00							1.0
CHAT	HN	142	296	IAML		0209	48.98			7266	0.3				
CHAT	HE	142	296	IAML		0209	49.51			5752	0.6				
BRCH	BZ	215	155	EP		0209	40.11	1.63							1.0
BRCH	BE	215	155	ES		0210	04.05	0.73							1.0
BRCH	BE	215	155	IAML		0210	05.92			4757	0.9				
BRCH	BN	215	155	IAML		0210	05.92			4792	1.0				
UTK	BZ	266	307	EP		0209	44.78	0.15							1.0
UTK	BN	266	307	ES		0210	13.99	0.04							1.0
UTK	BN	266	307	IAML		0210	22.11			1244	0.5				
UTK	BE	266	307	IAML		0210	23.96			1255	0.6				
DDI	HZ	276	294	EP		0209	47.19	1.24							1.0
DDI	HE	276	294	ES		0210	16.53	0.30							1.0
DDI	HN	276	294	IAML		0210	27.28			815	0.6				
DDI	HE	276	294	IAML		0210	27.44			1047	1.4				
DHRM	HZ	529	309	EP		0210	16.05	-0.83							1.0
DHRM	HN	529	309	ES		0211	10.14	0.39							1.0
DHRM	HN	529	309	IAML		0211	23.00			171	0.8				
DHRM	HE	529	309	IAML		0211	23.11			200	0.6				
THN	BZ	580	308	EP		0210	22.57	-0.49							1.0
THN	BN	580	308	ES		0211	20.22	-0.23							1.0
GUNA	BZ	615	213	EP		0210	26.08	-1.20							1.0
GUNA	BE	615	213	ES		0211	27.21	-0.54							1.0
GUNA	BE	615	213	IAML		0211	30.48			150	0.3				

GUNA	BN	615	213	IAML	0211	32.98		208	0.4						
ALCI	BZ	635	330	EP	0210	28.64-1.18									1.0
ALCI	BN	635	330	ES	0211	33.03 0.89									1.0
ALCI	BE	635	330	IAML	0211	35.75		41	0.5						
ALCI	BN	635	330	IAML	0211	36.71		48	0.2						
AJM	BZ	676	243	EP	0210	35.97 1.16									1.0
AJM	BN	676	243	ES	0211	41.13 0.37									1.0
CNWR	HZ	824	193	EP	0210	51.11-1.74									1.0
CNWR	HN	824	193	ES	0212	11.78-0.20									1.0
CNWR	HE	824	193	IAML	0212	16.03		240	0.5						
CNWR	HN	824	193	IAML	0212	16.46		146	0.2						

December 31 2024 Hour: 2:25 32.1

Ag: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CHAT	HE			ES		0226	49.47								
CHAT	HZ			EP		0226	11.74								
UTK	BZ			EP		0226	45.69								
UTK	BE			ES		0227	23.00								

December 31 2024 Hour: 4:27 19.3 Lat: 37.98N Lon: 70.33E D: 38.6

Ag: NCS Regional

Magnitudes: 3.9ML NCS

Rms: 0.2 secs

Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	745	122	EP		0428	54.45-0.01								1.0
ALCI	BE	745	122	ES		0430	03.93-0.00								1.0
TSSA	BZ	781	136	EP		0428	58.56-0.31								1.0
TSSA	BN	781	136	ES		0430	11.70 0.13								1.0
TSSA	BN	781	136	IAML		0430	21.91		115	0.6					
TSSA	BE	781	136	IAML		0430	26.98		124	1.0					
THN	BZ	791	139	EP		0429	00.07 0.02								1.0
THN	BN	791	139	ES		0430	13.52-0.10								1.0
DHRM	HZ	837	138	EP		0429	05.58-0.12								1.0
DHRM	HE	837	138	ES		0430	23.15-0.24								1.0
DHRM	HE	837	138	IAML		0430	34.75		132	0.4					
DHRM	HN	837	138	IAML		0430	35.30		104	0.9					
SDNR	BZ	934	138	EP		0429	18.12 0.60								1.0
SDNR	BE	934	138	ES		0430	43.88 0.05								1.0
SDNR	BN	934	138	IAML		0430	52.74		14	0.8					
SDNR	BE	934	138	IAML		0430	54.66		24	1.6					
UTK	BZ	1096	135	EP		0429	37.10-0.18								1.0
UTK	BE	1096	135	ES		0431	18.17 0.16								1.0
UTK	BN	1096	135	IAML		0431	25.96		71	0.8					
UTK	BE	1096	135	IAML		0431	26.06		148	0.4					