

Monthly Seismological Bulletin

from the

National Center For Seismology

September

2023

Ministry of Earth Sciences
New Delhi
INDIA

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GENERAL INFORMATION

The location program currently used for locating earthquakes is Hypocenter (Lienert et al., 1986). Plane parallel layers are assumed for local and regional events, while the IASPEI travel time tables are used for distant events.

The general model used for all local and regional events,

P-wave velocity (km/sec)	depth to top of layer (km)
5.78	0.0
6.58	20.0
8.19	38.7
8.30	100.0

The coda magnitude formula given by :

$$M_c = -0.567 + 1.38 \log_{10}(T) + 0.0026 * D$$

where T is the coda duration (sec) and D is the epicentral distance (km).

If instrument corrected maximum ground amplitudes A(nm) are available, local magnitude (M_l) is calculated using the following formula (Alsaker et al., 1991):

$$M_l = 0.925 * \log(A) + 0.91 * \log(D) + 0.00087 * D - 1.31$$

where D is the hypocentral distance (km).

The crustal velocity model used for DELHI REGION is:

P-wave velocity (km/sec)	depth to top of layer (km)
5.72	0.0
6.61	24.0
8.22	45.0

The coda magnitude formula for KOYNA REGION is given by :

$$M_c = -3.24 + 3.27 \log_{10}(T) + 0.001 * D$$

The coda magnitude formula for GUJARAT REGION is given by :

$$M_c = -0.713 + 1.69 \log_{10}(T) + 0.0031 * D$$

The crustal velocity model used for CHAMOLI REGION (Uttrakhand) is:

P-wave velocity (km/sec)	depth to top of layer (km)
3.5	0.0
5.0	0.4
5.2	1.4
6.0	16.4
8.33	46.4

The coda magnitude formula for CHAMOLI REGION given by :

$$M_c = -2.440 + 2.61 \log_{10}(T) + 0.000 * D$$

The V_p/V_s velocity ratio used in all the crustal velocity models referred above is 1.73.

LIST OF SEISMOLOGICAL STATIONS:

The stations listed below are those operated by the National Center for Seismology, Ministry of Earth Sciences, New Delhi

STATION	LATITUDE	LONGITUDE	HEIGHT (m)	NAME
AGRA	27.1392N	78.0072E	160	AGRA
AGT	23.8889N	91.2463E	18	AGARTALA
AJM	26.4242N	74.6293E	497	AJMER
AKL	20.7018N	77.0146E	307	AKOLA
ALBI	25.3090N	81.8083E	98	ALLAHBAD
ALCI	34.2139N	77.1844E	3135	ALCHI (LEH)
AMRT	31.6459N	74.8570E	212	AMRITSAR
ARIA	26.1353N	87.4658E	51	JOGBANI
ASOR	28.7558N	77.7722E	213	ASAURA
ATP	14.6070N	77.6441E	292	ANANTPUR
AYAN	28.4822N	77.1265E	278	AYANAGAR
AZL	23.7385N	92.6896E	985	AIZWAL
BANG	13.0211N	77.5704E	832	BANGLORE
BARM	25.7521N	71.4124E	142	BARMER
BELO	23.2413N	91.4471E	24	BELONIA
BHGR	28.6921N	76.9263E	215	BAHADURGARH
BHK	31.3946N	76.3808E	369	BHAKRA
BHPL	23.2413N	77.4242E	473	BHOPAL
BHUJ	23.2541N	69.6540E	56	BHUJ
BHV	21.7502N	72.1455E	42	BHAVNAGAR
BISR	28.5704N	77.4390E	204	BISRAKH
BKNR	28.0206N	73.2771E	236	BIKANER
BLRY	15.2796N	76.3194E	470	BELLARY
BLSP	22.0978N	82.1772E	283	BILASPUR
BNDA	25.4824N	80.3310E	135	BANDA
BOK	23.7947N	85.8859E	209	BOKARO THERMAL
BOM	18.8977N	72.8126E	19	MUMBAI
BRCH	27.5652N	81.6039E	108	BAHRAICH
BSTI	26.7906N	82.4789E	81	BASTI
BWNR	20.2521N	85.8205E	49	BHUBANESHWAR
CAL	22.5359N	88.3311E	21	KOLKATA
CGRH	30.7403N	76.7309E	334	CHANDIGARH
CHAT	29.8839N	79.3489E	1646	CHAUKATIYA
CHT	09.8150N	77.2163E	981	CHOTUPARA
CHUR	28.2834N	74.9591E	254	CHURU
CMBY	07.0191N	93.9265E	18	CAMPBEL BAY
CMPI	23.4951N	93.3103E	1678	CHAMPHAI
CNWR	22.0510N	78.9352E	637	CHHINDWARA
COBR	26.2941N	89.4615E	32	COOCHBEHAR
DDI	30.3222N	78.0541E	642	DEHRADUN
DGPR	13.1763N	92.9340E	9	DIGLIPUR
DHRM	32.2476N	76.3066E	1878	DHARAMSHALA
DHUB	26.0201N	89.9955E	21	DHUBRI
DIBR	27.4675N	94.9111E	68	DIBRUGARH
FBD	28.4146N	77.3132E	149	FARIDABAD
FTGH	27.3972N	79.5735E	138	FARRUKHABAD
GAYA	24.8029N	85.2316E	101	GAYA
GNR	29.1385N	77.0269E	230	GANAUR
GOA	15.4915N	73.8248E	11	GOA
GRKP	26.7381N	83.4386E	63	GORAKHPUR
GTK	27.3191N	88.6018E	1355	GANGTOK
GUNA	24.6492N	77.3320E	505	GUNA
GUWA	26.1933N	91.6915E	88	GUWAHATI
GWAL	26.2110N	78.2022E	165	GWALIOR
HAUL	28.0819N	96.5251E	1250	HAYULIANG
HING	19.6543N	77.0943E	419	HINGOLI

HNLY	32.7784N	78.9730E	4326	HANLEY
HYB	17.4186N	78.5518E	439	HYDERABAD
IMP	24.8311N	93.9465E	802	IMPHAL
INDR	22.5321N	75.9203E	535	IIT INDORE
ITAN	27.1445N	93.7218E	227	ITANAGAR
JASL	26.9244N	70.9031E	262	JAISALMER
JBPL	23.1960N	79.9443E	350	JABALPUR
JDGP	19.0776N	82.0366E	496	JAGDALPUR
JHJR	28.6095N	76.6429E	211	JHAJJAR
JHNI	25.4552N	78.6132E	240	JHANSI
JHSG	21.7609N	83.7730E	226	JHARSUGUDA
JMU	32.7810N	74.8309E	389	JAMMU
JMUI	24.9289N	86.2278E	80	JAMUI
JMUI	28.5618N	77.2821E	215	JAMIA MILLIA ISLAMIA UNIVERSITY
JODH	26.2568N	73.0407E	185	JODHPUR
JORH	26.7428N	94.2511E	85	JORHAT
JOSI	30.5560N	79.5579E	1992	JOSHIMATH
JPG	26.5473N	88.7106E	80	JALPAIGURI
JPR	26.8211N	75.8178E	344	JAIPUR
KAD	17.3076N	74.1835E	590	KARAD
KDGU	12.4859N	75.9089E	798	KODAGU
KKR	29.9614N	76.8207E	250	KURUKSHETRA
KLBG	17.2922N	76.6630E	460	KALABURAGI
KLP	31.5466N	78.2604E	2672	KALPA
KNKR	20.0616N	81.4989E	387	KANKER
KNL	15.7619N	78.0363E	345	KURNOOL
KNTI	23.0585N	85.2854E	642	KHUNTI
KOCH	10.0802N	76.4516E	-78	KOCHI
KOD	10.2317N	77.4667E	2333	KODAIKANAL
KOHI	25.7203N	94.1081E	1355	KOHIMA
KUDL	28.1442N	76.4894E	287	KUNDAL
LATR	18.4104N	76.5332E	639	LATUR
LDR	28.5896N	77.2202E	209	LODIROAD, NEW DELHI
LGTI	29.3990N	80.0879E	1657	LOHAGHAT
LKN	26.7659N	80.8835E	105	LUCKNOW
LKP	27.3328N	95.8461E	143	LEKHAPANI
MDRS	12.9900N	80.1820E	70	CHENNAI
MERT	28.9740N	77.7349E	218	MEERUT
MNCY	08.2815N	73.0587E	2	MINICOY
MNGR	12.8923N	74.8677E	83	MANGALORE
MOKO	26.3209N	94.5156E	1349	MOKOKCHUNG
MUKT	29.4582N	79.6543E	2228	MUKTESHWAR
MUYR	30.0672N	80.2567E	2050	MUNSIYARI
MYSR	12.4100N	76.5744E	701	MYSURU
NASK	20.0299N	73.7983E	555	NASIK
NDI	28.6853N	77.2159E	239	RIDGE DELHI
NGP	21.1699N	79.0508E	360	NAGPUR
NJFR	28.5704N	76.9040E	206	NAJAFGARH
NPL	28.6375N	77.1692E	222	NPL PUSA NEW DELHI
NRDN	22.2742N	76.4783E	286	NARMADANAGAR
NRLA	28.7843N	77.0955E	208	NARELA DELHI
PALG	20.0341N	72.9070E	90	PALGHAR
PASG	28.0614N	95.3260E	173	PASIGHAT
PAWL	28.1074N	77.3317E	189	PALWAL

PBA	11.6557N	92.7439E	18	PORT BLAIR
POO	18.5295N	73.8488E	560	PUNE
PTDI	28.3321N	76.7753E	240	PATAUDI
PTH	29.5856N	80.2040E	1601	PITHORAGARH
RAGD	19.2471N	83.4574E	259	RAYAGADA
RAIP	21.2116N	81.6590E	249	RAIPUR
RAJM	17.0639N	81.8737E	28	RAJAHMUNDRY
RTK	29.0335N	76.4144E	230	ROHTAK
SAIH	22.4893N	92.9875E	729	SAIHA
SALM	11.6562N	78.1568E	318	SALEM
SDNR	31.5304N	76.9058E	927	SUNDERNAGAR
SHBG	25.2327N	87.6332E	49	SAHIBGANJ
SHL	25.5668N	91.8559E	1553	SHILLONG
SILR	24.7813N	92.8003E	21	SILCHAR
SLPR	17.6703N	75.9230E	417	SOLAPUR
SMLA	31.1278N	77.1742E	2130	SHIMLA
SONA	28.2450N	77.0628E	227	SOHNA
SRAT	21.1448N	72.7547E	-45	SURAT
SRGN	29.9225N	73.8864E	187	SRIGANGANAGAR
SRIN	34.0507N	74.8046E	1606	SRINAGAR
STMR	26.7529N	85.2736E	55	SITAMARHI
SUPA	15.2625N	74.5349E	468	UTTAR KANNADA
TAWA	27.5938N	91.8668E	2970	TAWANG
TEZP	26.6168N	92.7888E	80	TEZPUR
THN	32.4408N	75.7575E	627	THEIN DAM
TKD	29.1487N	78.8551E	212	THAKURDWARA
TLWR	31.9559N	75.9559E	473	TALWARA
TPTI	13.7079N	79.5954E	150	IIT TIRUPATI
TRVM	08.5081N	76.9583E	30	THIRUVANTHAPURAM
TSSA	32.8366N	76.1503E	1781	TISSA
TURA	25.5168N	90.2242E	403	TURA
TUTG	28.9936N	94.8920E	533	TUTING
UDMP	32.9135N	75.1245E	1355	UDHAMPUR
UDPR	24.5801N	73.7128E	586	UDAIPUR
UNCH	28.4877N	78.1597E	197	UNCHAGAON
UTK	30.7303N	78.4460E	1150	UTTARKASHI
VAR	25.2680N	82.9919E	91	VARANASI
VISK	17.7218N	83.3297E	13	VISAKHAPATANAM
VJD	16.5161N	80.6458E	35	VIJAYAWADA
VLK	27.4417N	83.9232E	125	VALMIKINAGAR
VRVL	20.9078N	70.3570E	-49	VERAVAL
ZIRO	27.5265N	93.8549E	1604	ZIRO

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 ($0.5 \cdot (\text{peak to peak})$), (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.

References:

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- Yu, G., Khattri, K.N., Anderson, J.G., Brune, J.N., and Zeng, Y. (1995). Strong ground motion from Uttarkashi, Himalaya, Indian earthquakes: Comparison of observations with synthetics using the composit source model.

September 1 2023 Hour: 6:59 18.6 Lat: 28.79N Lon: 76.67E Depth: 19 Agency: NCS Local
 Magnitudes: 3.3ML NCS 3.8MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JHJR	BZ	19	175	EP		0659	22.74	-0.57							1.0
JHJR	BN	19	175	ES		0659	25.85	-0.92							1.0
JHJR	BE	19	175	IAML		0659	26.07			23816	0.0				
JHJR	BN	19	175	IAML		0659	26.26			11036	0.1				
BHGR	BZ	29	114	EP		0659	25.14	0.55							1.0
BHGR	BN	29	114	ES		0659	29.41	0.42							1.0
BHGR	BE	29	114	IAML		0659	29.96			5327	0.1				
BHGR	BN	29	114	IAML		0659	31.25			2939	0.1				
UJWA	BZ	35	137	EP		0659	25.37	-0.16							1.0
UJWA	BN	35	137	ES		0659	30.52	-0.09							1.0
UJWA	BN	35	137	IAML		0659	30.81			3827	0.1				
UJWA	BE	35	137	IAML		0659	31.09			4390	0.2				
RTK	BZ	37	317	EP		0659	26.03	0.30							1.0
RTK	BN	37	317	ES		0659	30.40	-0.56							1.0
RTK	BN	37	317	IAML		0659	30.83			13975	0.1				
RTK	BE	37	317	IAML		0659	30.91			7958	0.2				
NPL	BZ	52	109	EP		0659	28.51	0.38							1.0
NPL	BN	52	109	ES		0659	35.27	0.16							1.0
NPL	BN	52	109	IAML		0659	36.47			2020	0.0				
NPL	BE	52	109	IAML		0659	38.03			2143	0.1				
NDI	HZ	54	103	EP		0659	29.19	0.61							1.0
NDI	HN	54	103	ES		0659	36.64	0.75							1.0
NDI	HN	54	103	IAML		0659	38.18			239	0.1				
NDI	HE	54	103	IAML		0659	38.62			373	0.1				
AYAN	BZ	56	128	EP		0659	29.06	0.13							1.0
AYAN	BN	56	128	ES		0659	36.10	-0.39							1.0
AYAN	BE	56	128	IAML		0659	36.75			637	0.2				
AYAN	BN	56	128	IAML		0659	36.85			616	0.2				
LDR	HZ	58	113	EP		0659	29.68	0.46							1.0
LDR	HE	58	113	ES		0659	37.31	0.32							1.0
LDR	HN	58	113	IAML		0659	38.88			2777	0.3				
LDR	HE	58	113	IAML		0659	39.56			1856	0.5				
SONA	BZ	72	147	EP		0659	31.27	0.08							1.0
SONA	BN	72	147	ES		0659	39.01	-1.39							1.0
UTK	BZ	275	38	EP		0659	57.58	-0.51							1.0
UTK	BN	275	38	ES		0700	26.41	-0.54							1.0
UTK	BN	275	38	IAML		0700	33.16			178	0.5				
UTK	BE	275	38	IAML		0700	35.31			148	0.3				
SDNR	BZ	305	4	EP		0700	02.29	0.42							1.0
SDNR	BN	305	4	ES		0700	33.97	0.49							1.0
SDNR	BN	305	4	IAML		0700	44.44			55	0.3				
SDNR	BE	305	4	IAML		0700	47.25			60	0.6				
AJM	BZ	331	218	EP		0700	05.51	0.56							1.0
AJM	BE	331	218	ES		0700	39.73	0.93							1.0
AJM	BE	331	218	IAML		0700	50.67			171	0.7				
AJM	BN	331	218	IAML		0700	53.81			86	0.8				
JOSI	BZ	341	54	EP		0700	05.56	-0.63							1.0
JOSI	BN	341	54	ES		0700	40.15	-0.81							1.0
JOSI	BE	341	54	IAML		0700	59.93			116	0.4				
JOSI	BN	341	54	IAML		0701	04.66			144	1.0				

September 1 2023 Hour: 10:18 4.1 Lat: 33.22N Lon: 75.89E Depth: 8 Agency: NCS Local
 Magnitudes: 2.8ML NCS 3.0MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	79	245	EP		1018	17.27	-0.66							1.0
UDMP	HE	79	245	ES		1018	27.52	-0.48							1.0
THN	BZ	86	185	EP		1018	19.07	-0.15							1.0
THN	BN	86	185	ES		1018	29.87	-0.36							1.0
JMU	BZ	110	244	EP		1018	24.28	0.93							1.0
JMU	BN	110	244	ES		1018	37.90	0.51							1.0

JMU	BN	110	244	IAML	1018	46.60			176	1.0					
JMU	BE	110	244	IAML	1018	50.84			154	1.1					
DHRM	HN	114	160	ES	1018	38.98	0.42								1.0
DHRM	HN	114	160	IAML	1018	43.76			213	0.5					
DHRM	HE	114	160	IAML	1018	45.57			197	0.8					
SDNR	BZ	209	152	EP	1018	36.73	-0.28								1.0
SDNR	BN	209	152	ES	1019	01.01	-0.00								1.0
SDNR	BE	209	152	IAML	1019	04.53			80	0.2					
SDNR	BN	209	152	IAML	1019	05.32			48	0.3					
SMLA	HZ	261	152	EP	1018	43.27	-0.04								1.0
SMLA	HE	261	152	ES	1019	12.07	0.15								1.0
SMLA	HE	261	152	IAML	1019	16.32			190	0.4					
SMLA	HN	261	152	IAML	1019	16.62			186	0.2					
DHRM	HZ	114	160	EP	1018	23.99	-0.04								1.0

September 1 2023 Hour: 15:24 6.0 Lat: 23.36N Lon: 70.05E Depth: 4 Agency: NCS Local
 Magnitudes: 3.1ML NCS 2.7MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDPR	BZ	397	69	EP		1525	01.85	-0.32							1.0
UDPR	BN	397	69	ES		1525	43.17	-0.02							1.0
UDPR	BN	397	69	IAML		1525	48.91			39	0.4				
UDPR	BE	397	69	IAML		1525	49.51			25	0.4				
JASL	BZ	404	12	EP		1525	03.43	0.38							1.0
JASL	BE	404	12	ES		1525	44.56	-0.15							1.0
JASL	BN	404	12	IAML		1525	55.42			124	0.4				
JASL	BE	404	12	IAML		1525	55.57			110	0.7				
JODH	HZ	442	43	EP		1525	07.91	0.26							1.0
JODH	HN	442	43	ES		1525	51.89	-0.77							1.0
JODH	HN	442	43	IAML		1526	15.44			163	0.4				
JODH	HE	442	43	IAML		1526	16.48			254	0.3				
AJM	BZ	574	53	EP		1525	23.51	-0.33							1.0
AJM	BN	574	53	ES		1526	21.61	0.94							1.0
AJM	BE	574	53	IAML		1526	40.19			25	0.4				
AJM	BN	574	53	IAML		1526	41.35			9	0.6				

September 1 2023 Hour: 15:26 12.3

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SDNR	BZ			EP		1527	26.90								
LGTI	BZ			EP		1527	33.04								
BHK	BN			ES		1529	17.55								
DHRM	HZ			EP		1527	31.00								
DHRM	HE			ES		1528	59.11								
JMU	BE			ES		1529	25.75								
JMU	BZ			EP		1528	30.42								
LGTI	BN			ES		1528	46.81								
PTH	BE			ES		1528	34.52								
SDNR	BE			ES		1528	40.67								
SMLA	HZ			EP		1527	28.95								
SMLA	HE			ES		1528	28.37								
BHK	BZ			EP		1528	07.88								

September 1 2023 Hour: 17:1 14.7 Lat: 22.84N Lon: 94.18E Depth:140F Agency: NCS Local
 Magnitudes: 3.0ML NCS 3.1MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	115	310	EP		1701	38.17	-0.74							1.0
CMPI	HN	115	310	ES		1701	56.30	-0.28							1.0
CMPI	HN	115	310	IAML		1702	00.26			265	0.6				
CMPI	HE	115	310	IAML		1702	04.62			431	0.7				
IMP	SZ	222	354	EP		1701	48.97	-0.12							1.0
IMP	SN	222	354	ES		1702	13.52	-0.66							1.0
IMP	SN	222	354	IAML		1702	15.88			51	0.9				
IMP	SE	222	354	IAML		1702	18.33			24	0.5				
KOHI	SZ	320	359	EP		1702	00.75	0.81							1.0
KOHI	SE	320	359	ES		1702	32.19	-0.77							1.0

KOHI	SE	320	359	IAML	1702	37.06		23	0.4	
KOHI	SN	320	359	IAML	1702	37.51		35	0.5	
TEZP	SZ	442	342	EP	1702	14.33	0.28			1.0
TEZP	SN	442	342	ES	1702	58.13	0.76			1.0
TEZP	SE	442	342	IAML	1703	02.38		97	0.2	
TEZP	SN	442	342	IAML	1703	03.65		124	0.2	
TAWA	SZ	576	337	EP	1702	30.75	0.71			1.0

September 1 2023 Hour: 20:49 57.7 Lat: 50.79N Lon: 155.64E Depth:143F Agency: NCS Distant
Magnitudes: 5.9MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HRYA	BZ			EP		2059	45.89								
PWAL	BZ			EP		2059	56.77								
MOKO	SZ	5775	266	EP		2058	52.46	0.17							1.0
KOHI	SZ	5851	266	EP		2058	57.28	-0.02							1.0
TAWA	SZ	5863	269	EP		2058	58.35	0.32							1.0
TEZP	SZ	5873	268	EP		2058	58.42	-0.24							1.0
GUWA	SZ	5984	268	EP		2059	06.27	0.20							1.0
GTK	SZ	6114	272	EP		2059	14.75	0.23							1.0
COBR	BZ	6133	270	EP		2059	15.88	0.16							1.0
SHBG	BZ	6346	270	EP		2059	29.50	0.11							1.0
STMR	BZ	6393	274	EP		2059	32.33	0.03							1.0
JMUI	BZ	6469	271	EP		2059	36.99	-0.08							1.0
PTH	BZ	6528	280	EP		2059	40.92	0.18							1.0
SRIN	BZ	6558	287	EP		2059	42.25	-0.30							1.0
MUKT	HZ	6576	280	EP		2059	44.34	0.28							1.0
DHRM	HZ	6593	285	EP		2059	44.86	0.08							1.0
SDNR	BZ	6606	284	EP		2059	45.67	0.10							1.0
BHK	BZ	6615	283	EP		2059	46.17	0.03							1.0
SMLA	HZ	6619	283	EP		2059	46.51	0.16							1.0
DDI	HZ	6620	282	EP		2059	46.40	-0.03							1.0
UDMP	HZ	6622	286	EP		2059	46.36	-0.17							1.0
TKRD	BZ	6652	280	EP		2059	48.38	-0.01							1.0
JMU	BZ	6652	286	EP		2059	48.48	0.04							1.0
VAR	BZ	6670	274	EP		2059	49.69	0.14							1.0
CGRH	BZ	6677	283	EP		2059	50.02	0.11							1.0
LKN	BZ	6700	277	EP		2059	51.56	0.15							1.0
BISR	BZ	6799	281	EP		2059	57.52	0.10							1.0
NDI	HZ	6806	281	EP		2059	57.93	0.05							1.0
JMIU	BZ	6809	281	EP		2059	58.07	0.03							1.0
NPL	BZ	6812	281	EP		2059	58.23	0.03							1.0
LDR	HZ	6813	281	EP		2059	58.35	0.02							1.0
AYAN	BZ	6828	281	EP		2059	59.30	0.08							1.0
UJWA	BZ	6836	281	EP		2059	59.80	0.14							1.0
BNDA	BZ	6840	276	EP		2100	00.03	0.08							1.0
BWNR	BZ	6873	268	EP		2100	00.19	-1.88							0.9
SRGN	BZ	6938	284	EP		2100	05.75	-0.04							1.0
CHUR	HZ	6993	282	EP		2100	08.68	-0.39							1.0
JPR	HZ	7049	280	EP		2100	12.68	0.26							1.0
JBPL	HZ	7049	275	EP		2100	12.68	0.20							1.0
RAIP	HZ	7089	272	EP		2100	14.82	-0.10							1.0
BKNR	BZ	7115	283	EP		2100	16.24	-0.08							1.0
RAGD	BZ	7123	269	EP		2100	16.86	-0.07							1.0
AJM	BZ	7162	281	EP		2100	18.89	-0.28							1.0
CNWR	HZ	7213	275	EP		2100	20.78	-1.38							0.9
BHPL	HZ	7223	277	EP		2100	22.69	0.00							1.0
VISK	HZ	7256	268	EP		2100	24.56	-0.14							1.0
JODH	HZ	7285	282	EP		2100	24.83	-1.46							0.9
UDPR	BZ	7374	280	EP		2100	31.39	-0.04							1.0
JASL	BZ	7379	284	EP		2100	31.56	-0.11							1.0
BARM	HZ	7438	283	EP		2100	36.97	1.92							0.9
VJD	BZ	7545	269	EP		2100	40.90	-0.35							1.0
HYB	HZ	7618	271	EP		2100	45.92	0.52							1.0
LATR	BZ	7679	274	EP		2100	48.49	-0.32							1.0

BHUJ	HZ	7762	282	EP	2100	53.12-0.14										1.0
SLPR	HZ	7783	274	EP	2100	55.19	0.70									1.0
KNL	HZ	7792	271	EP	2100	55.19	0.20									1.0
PALG	HZ	7799	278	EP	2100	55.19-0.12										1.0
TPTI	HZ	7853	268	EP	2100	59.24	0.94									1.0
MDRS	HZ	7872	267	EP	2100	59.12-0.21										1.0
ATP	HZ	7915	270	EP	2101	01.27-0.45										1.0
KAD	BZ	7935	275	EP	2101	02.51-0.22										1.0
KDGU	HZ	8215	270	EP	2101	17.47-0.31										1.0
CHT	HZ	8348	267	EP	2101	25.56	0.94									1.0

September 1 2023 Hour: 21:44 43.6 Lat: 27.95N Lon: 93.95E Depth: 9 Agency: NCS Local
Magnitudes: 3.1ML NCS 3.0MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	186	218	EP		2145	13.65	0.28							1.0
TEZP	SN	186	218	ES		2145	35.43	0.29							1.0
TEZP	SN	186	218	IAML		2145	39.62			558	0.3				
TEZP	SE	186	218	IAML		2145	40.99			677	0.3				
MOKO	SZ	189	162	EP		2145	13.70-0.12								1.0
TAWA	SZ	209	260	EP		2145	16.34	0.15							1.0
KOHI	SZ	247	176	EP		2145	20.75-0.16								1.0
KOHI	SN	247	176	ES		2145	48.31	0.13							1.0
KOHI	SE	247	176	IAML		2145	57.56			95	0.6				
KOHI	SN	247	176	IAML		2146	02.56			121	0.9				
GUWA	SZ	296	230	EP		2145	26.99	0.06							1.0
GUWA	SN	296	230	ES		2145	58.01-0.58								1.0
GUWA	SN	296	230	IAML		2146	07.37			107	0.3				
GUWA	SE	296	230	IAML		2146	10.05			127	0.4				
GTK	SZ	532	264	EP		2145	55.49-0.21								1.0
GTK	SE	532	264	ES		2146	48.52	0.15							1.0
GTK	SE	532	264	IAML		2146	52.60			24	1.1				
GTK	SN	532	264	IAML		2146	55.25			24	0.3				

September 2 2023 Hour: 22:34 45.0 Lat: 36.50N Lon: 71.67E Depth:140FAgency: NCS Local
Magnitudes: 4.0ML NCS 3.8MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	504	144	EP		2235	52.07	0.28							1.0
JMU	BN	504	144	ES		2236	40.81	0.26							1.0
JMU	BE	504	144	IAML		2236	49.89			376	1.0				
JMU	BN	504	144	IAML		2236	50.28			313	0.6				
THN	BZ	589	139	EP		2236	01.80-0.06								1.0
THN	BN	589	139	ES		2236	57.80-0.17								1.0
DHRM	HZ	636	137	EP		2236	06.96-0.50								1.0
DHRM	HE	636	137	ES		2237	07.70	0.03							1.0
DHRM	HN	636	137	IAML		2237	15.70			609	0.4				
DHRM	HE	636	137	IAML		2237	18.06			629	0.3				
SDNR	BZ	732	137	EP		2236	18.98-0.04								1.0
SDNR	BE	732	137	ES		2237	27.65-0.00								1.0
SDNR	BN	732	137	IAML		2237	34.33			88	0.4				
SDNR	BE	732	137	IAML		2237	35.17			131	0.4				
BHK	BZ	746	138	EP		2236	20.03-0.69								1.0
BHK	BN	746	138	ES		2237	30.26-0.35								1.0
BHK	BN	746	138	IAML		2237	32.03			162	0.4				
BHK	BE	746	138	IAML		2237	32.87			126	0.4				
SMLA	HZ	784	138	EP		2236	25.39	0.29							1.0
SMLA	HN	784	138	ES		2237	38.09-0.09								1.0
SMLA	HN	784	138	IAML		2237	45.80			186	0.5				
SMLA	HE	784	138	IAML		2237	46.04			144	0.4				
MUKT	HZ	1079	134	EP		2237	01.67	0.72							1.0
MUKT	HN	1079	134	ES		2238	40.53	0.32							1.0
MUKT	HE	1079	134	IAML		2238	49.00			29	0.5				
MUKT	HN	1079	134	IAML		2238	49.61			17	0.8				

September 3 2023 Hour: 21:43 48.3 Lat: 36.29N Lon: 71.63E Depth: 10F Agency: NCS Local
Magnitudes: 4.1ML NCS 3.5MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	488	142	EP		2144	55.62	0.55							1.0
JMU	BN	488	142	ES		2145	43.67	-0.10							1.0
JMU	BE	488	142	IAML		2145	48.47			304	0.3				
JMU	BN	488	142	IAML		2145	50.96			478	0.4				
UDMP	HZ	493	138	EP		2144	55.57	-0.08							1.0
UDMP	HN	493	138	ES		2145	45.23	0.44							1.0
ALCI	BN	556	113	ES		2145	58.31	0.23							1.0
ALCI	BE	556	113	IAML		2146	00.90			173	0.4				
ALCI	BN	556	113	IAML		2146	01.67			192	0.4				
THN	BZ	574	137	EP		2145	05.63	0.02							1.0
THN	BN	574	137	ES		2146	01.95	-0.06							1.0
AMRT	HZ	598	149	EP		2145	08.55	0.15							1.0
AMRT	HN	598	149	ES		2146	06.92	0.09							1.0
AMRT	HE	598	149	IAML		2146	10.39			870	0.3				
AMRT	HN	598	149	IAML		2146	10.69			1294	0.1				
DHRM	HZ	622	135	EP		2145	11.27	-0.16							1.0
DHRM	HN	622	135	ES		2146	11.66	-0.41							1.0
DHRM	HN	622	135	IAML		2146	15.23			650	0.8				
DHRM	HE	622	135	IAML		2146	15.47			575	0.5				
SDNR	BZ	718	136	EP		2145	22.92	-0.27							1.0
SDNR	BN	718	136	ES		2146	32.28	-0.14							1.0
SDNR	BN	718	136	IAML		2146	35.31			100	0.1				
SDNR	BE	718	136	IAML		2146	35.40			150	0.3				
SMLA	HZ	769	137	EP		2145	29.08	-0.28							1.0
SMLA	HN	769	137	ES		2146	43.10	0.01							1.0
SMLA	HN	769	137	IAML		2146	44.85			186	0.2				
SMLA	HE	769	137	IAML		2146	46.62			168	0.4				

September 3 2023 Hour: 21:48 56.5 Lat: 30.21N Lon: 80.68E Depth: 22 Agency: NCS Local
Magnitudes: 2.6ML NCS 3.1MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	83	213	EP		2149	10.99	0.16							1.0
PTH	BN	83	213	ES		2149	21.47	0.17							1.0
PTH	BN	83	213	IAML		2149	23.88			91	0.3				
PTH	BE	83	213	IAML		2149	24.65			111	0.3				
LGTI	BZ	107	212	EP		2149	14.36	-0.20							1.0
LGTI	BN	107	212	ES		2149	27.55	-0.20							1.0
LGTI	BN	107	212	IAML		2149	29.42			45	0.3				
LGTI	BE	107	212	IAML		2149	30.50			36	0.6				
JOSI	BZ	114	290	EP		2149	15.57	0.04							1.0
JOSI	BN	114	290	ES		2149	29.38	-0.06							1.0
JOSI	BN	114	290	IAML		2149	29.95			234	0.3				
MUKT	HZ	130	230	EP		2149	18.27	0.06							1.0
MUKT	HN	130	230	ES		2149	34.10	0.03							1.0
MUKT	HN	130	230	IAML		2149	42.06			137	0.6				
MUKT	HE	130	230	IAML		2149	43.16			126	0.7				
SMLA	HZ	351	288	EP		2149	44.95	0.02							1.0
SMLA	HN	351	288	ES		2150	20.25	-0.05							1.0
SMLA	HE	351	288	IAML		2150	38.73			59	0.2				
SMLA	HN	351	288	IAML		2150	39.47			35	0.7				
SDNR	BZ	389	293	EP		2149	49.63	-0.06							1.0
SDNR	BN	389	293	ES		2150	28.61	0.08							1.0
SDNR	BN	389	293	IAML		2150	45.83			29	0.2				
SDNR	BE	389	293	IAML		2150	47.18			20	0.6				

September 4 2023 Hour: 0:13 35.3 Lat: 30.55N Lon: 79.55E Depth: 16 Agency: NCS Local
 Magnitudes: 2.3ML NCS 2.4MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	1	34	EP		0013	37.93	-0.23							1.0
JOSI	BN	1	34	ES		0013	40.40	0.16							1.0
JOSI	BN	1	34	IAML		0013	42.04			275	0.3				
MUKT	HZ	121	175	EP		0013	55.99	-0.04							1.0
MUKT	HN	121	175	ES		0014	11.27	0.10							1.0
MUKT	HN	121	175	IAML		0014	14.52			90	0.4				
MUKT	HE	121	175	IAML		0014	14.74			92	0.2				
PTH	BZ	124	149	EP		0013	56.48	0.38							1.0
PTH	BN	124	149	ES		0014	11.31	0.03							1.0
PTH	BN	124	149	IAML		0014	15.20			35	0.4				
PTH	BE	124	149	IAML		0014	15.45			41	0.3				
LGTI	BZ	138	158	EP		0013	57.99	-0.32							1.0
LGTI	BE	138	158	ES		0014	15.00	-0.11							1.0
LGTI	BE	138	158	IAML		0014	17.92			22	0.2				
LGTI	BN	138	158	IAML		0014	18.49			37	0.1				
SMLA	HZ	236	286	EP		0014	10.53	0.04							1.0
SMLA	HE	236	286	ES		0014	36.17	-0.00							1.0
SMLA	HN	236	286	IAML		0014	41.76			27	0.5				
SMLA	HE	236	286	IAML		0014	42.54			24	0.8				

September 4 2023 Hour: 1:38 49.8 Lat: 35.87N Lon: 70.55E Depth:177 Agency: NCS Local
 Magnitudes: 4.0ML NCS 3.9MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	522	130	EP		0140	00.23	0.52							1.0
JMU	BN	522	130	ES		0140	50.45	-0.29							1.0
JMU	BN	522	130	IAML		0140	56.12			518	0.6				
JMU	BE	522	130	IAML		0140	56.12			256	0.6				
UDMP	HZ	533	127	EP		0140	01.03	0.06							1.0
UDMP	HN	533	127	ES		0140	53.04	0.13							1.0
THN	BZ	616	127	EP		0140	10.38	-0.30							1.0
THN	BN	616	127	ES		0141	09.49	-0.22							1.0
DHRM	HZ	666	125	EP		0140	16.05	-0.58							1.0
DHRM	HE	666	125	ES		0141	20.52	0.52							1.0
DHRM	HE	666	125	IAML		0141	22.94			420	0.6				
DHRM	HN	666	125	IAML		0141	23.84			332	0.4				
SDNR	BZ	760	127	EP		0140	27.72	-0.03							1.0
SDNR	BE	760	127	ES		0141	39.17	-0.07							1.0
SDNR	BE	760	127	IAML		0141	42.47			82	0.4				
SDNR	BN	760	127	IAML		0141	42.66			52	0.4				
SMLA	HZ	809	129	EP		0140	33.87	0.33							1.0
SMLA	HE	809	129	ES		0141	49.19	-0.07							1.0
SMLA	HN	809	129	IAML		0141	54.99			105	0.3				
SMLA	HE	809	129	IAML		0141	55.86			93	0.5				

September 4 2023 Hour: 7: 8 12.2 Lat: 37.19N Lon: 71.78E Depth:135 Agency: NCS Local
 Magnitudes: 4.2ML NCS 4.4MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	562	149	EP		0709	25.82	-0.04							1.0
JMU	BN	562	149	ES		0710	19.93	0.31							1.0
JMU	BE	562	149	IAML		0710	22.54			1994	0.8				
JMU	BN	562	149	IAML		0710	25.72			2036	0.8				
UDMP	HZ	564	146	EP		0709	26.03	0.08							1.0
UDMP	HN	564	146	ES		0710	20.06	0.29							1.0
THN	BZ	642	144	EP		0709	35.46	0.08							1.0
THN	BN	642	144	ES		0710	36.40	0.31							1.0
SDNR	BZ	784	142	EP		0709	52.10	-0.26							1.0
SDNR	BN	784	142	ES		0711	05.77	0.31							1.0
SDNR	BN	784	142	IAML		0711	07.32			130	0.5				
SDNR	BE	784	142	IAML		0711	07.95			184	0.4				
BHK	BZ	799	142	EP		0709	54.55	0.41							1.0

BHK	BN	799	142	ES	0711	05.54-3.00										1.0
BHK	BE	799	142	IAML	0711	07.74		265	0.6							
BHK	BN	799	142	IAML	0711	10.64		416	0.9							
UTK	BZ	944	137	EP	0710	11.34-0.19										1.0
UTK	BN	944	137	ES	0711	38.87 0.24										1.0
UTK	BE	944	137	IAML	0711	42.87		428	0.4							
UTK	BN	944	137	IAML	0711	43.76		342	0.3							
JOSI	BZ	1028	133	EP	0710	21.70 0.03										1.0
JOSI	BN	1028	133	ES	0711	56.42 0.26										1.0
JOSI	BN	1028	133	IAML	0712	05.85		246	0.7							
NDI	HZ	1070	150	EP	0710	26.62-0.17										1.0
NDI	HN	1070	150	ES	0712	05.28 0.25										1.0
NDI	HE	1070	150	IAML	0712	09.54		67	0.5							
NDI	HN	1070	150	IAML	0712	10.38		48	1.3							
AYAN	BZ	1087	151	EP	0710	28.60-0.21										1.0
AYAN	BE	1087	151	ES	0712	08.83 0.30										1.0
AYAN	BE	1087	151	IAML	0712	12.15		76	0.5							
AYAN	BN	1087	151	IAML	0712	15.27		60	0.3							
SONA	BZ	1108	152	EP	0710	30.96-0.26										1.0
SONA	BN	1108	152	ES	0712	12.59-0.10										1.0
MUKT	HZ	1127	137	EP	0710	33.98 0.10										1.0
MUKT	HE	1127	137	ES	0712	18.00 0.71										1.0
MUKT	HN	1127	137	IAML	0712	23.11		105	0.5							
MUKT	HE	1127	137	IAML	0712	23.37		59	1.0							
PTH	BZ	1150	135	EP	0710	36.55 0.24										1.0
PTH	BE	1150	135	ES	0712	21.59 0.09										1.0
PTH	BE	1150	135	IAML	0712	26.20		30	0.3							
PTH	BN	1150	135	IAML	0712	28.20		19	0.4							
AJM	BZ	1223	166	EP	0710	45.28 0.11										1.0
AJM	BE	1223	166	ES	0712	36.92 0.10										1.0
AJM	BN	1223	166	IAML	0712	45.22		20	0.4							
AJM	BE	1223	166	IAML	0712	51.13		34	0.4							

September 4 2023 Hour: 18:13 27.0 Lat: 30.41N Lon: 79.27E Depth: 6 Agency: NCS Local
Magnitudes: 2.1ML NCS 2.2MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	32	60	EP		1813	32.41-0.18								1.0
JOSI	BN	32	60	ES		1813	36.76 0.07								1.0
JOSI	BN	32	60	IAML		1813	37.88		93	0.3					
MUKT	HZ	112	161	EP		1813	46.75-0.02								1.0
MUKT	HE	112	161	ES		1814	01.17-0.06								1.0
MUKT	HE	112	161	IAML		1814	06.12		44	0.1					
MUKT	HN	112	161	IAML		1814	06.71		46	0.2					
PTH	BZ	129	135	EP		1813	49.34 0.10								1.0
PTH	BN	129	135	ES		1814	05.67 0.17								1.0
PTH	BN	129	135	IAML		1814	09.08		30	0.3					
PTH	BE	129	135	IAML		1814	09.41		33	0.4					
LGTI	BZ	138	145	EP		1813	50.73-0.05								1.0
LGTI	BN	138	145	ES		1814	08.07-0.09								1.0
SDNR	BZ	258	300	EP		1814	06.01-0.03								1.0
SDNR	BE	258	300	ES		1814	34.66 0.09								1.0
SDNR	BE	258	300	IAML		1814	36.96		16	0.4					
SDNR	BN	258	300	IAML		1814	36.96		12	0.6					

September 4 2023 Hour: 20:14 1.7 Lat: 28.95N Lon: 76.81E Depth: 5F Agency: NCS Local
Magnitudes: 2.6ML NCS 2.6MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NDI	HZ	49	127	EP		2014	11.14 0.90								1.0
NDI	HN	49	127	ES		2014	16.67 0.17								1.0
NDI	HN	49	127	IAML		2014	17.27		211	0.2					
NDI	HE	49	127	IAML		2014	17.42		162	0.3					
NPL	BZ	49	134	EP		2014	10.65 0.41								1.0
NPL	BE	49	134	ES		2014	15.95-0.55								1.0
NPL	BE	49	134	IAML		2014	17.55		1103	0.2					

NPL	BN	49	134	IAML	2014	18.36			1318	0.2							
AYAN	BZ	61	150	EP	2014	11.81-0.46											1.0
AYAN	BN	61	150	ES	2014	19.84-0.17											1.0
AYAN	BN	61	150	IAML	2014	20.25			207	0.2							
AYAN	BE	61	150	IAML	2014	20.65			193	0.3							
SMLA	HZ	244	8	EP	2014	38.60-0.58											1.0
SMLA	HN	244	8	ES	2015	06.20-0.37											1.0
SMLA	HN	244	8	IAML	2015	09.36			26	0.3							
SMLA	HE	244	8	IAML	2015	10.96			30	0.3							
DHRM	HZ	369	353	EP	2014	54.96	0.46										1.0
DHRM	HN	369	353	ES	2015	33.24	0.18										1.0
DHRM	HE	369	353	IAML	2015	44.46			29	0.4							
DHRM	HN	369	353	IAML	2015	45.13			16	0.7							

September 4 2023 Hour: 22:23 7.3 Lat: 30.38N Lon: 79.48E Depth: 8 Agency: NCS Local
Magnitudes: 2.0ML NCS 2.0MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	21	22	EP		2223	11.33	0.03							1.0
PTH	BZ	113	141	EP		2223	26.79-0.12								1.0
PTH	BN	113	141	ES		2223	41.39	0.20							1.0
PTH	BN	113	141	IAML		2223	44.85			19	0.2				
PTH	BE	113	141	IAML		2223	45.60			22	0.3				
LGTI	BZ	124	152	EP		2223	28.78-0.13								1.0
LGTI	BE	124	152	ES		2223	44.64-0.01								1.0
LGTI	BN	124	152	IAML		2223	47.38			19	0.2				
LGTI	BE	124	152	IAML		2223	47.54			16	0.3				
SMLA	HZ	236	291	EP		2223	43.21-0.14								1.0
SMLA	HE	236	291	ES		2224	09.79	0.16							1.0
SMLA	HE	236	291	IAML		2224	12.52			17	0.3				
SMLA	HN	236	291	IAML		2224	17.13			13	0.3				

September 5 2023 Hour: 3:41 6.8 Lat: 17.80N Lon: 77.29E Depth: 10F Agency: NCS Local
Magnitudes: 2.6ML NCS 2.6MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AURD	HZ			EP		0341	15.53								
ASIV	HE			ES		0341	37.00								
AURD	HE			ES		0341	20.98								
ASIV	HZ			EP		0341	25.38								
KLBG	HZ	72	222	EP		0341	19.86	0.52							1.0
KLBG	HN	72	222	ES		0341	28.14-0.37								1.0
KLBG	HE	72	222	IAML		0341	28.86			311	0.4				
KLBG	HN	72	222	IAML		0341	29.32			252	0.1				
LATR	BZ	105	310	EP		0341	24.94-0.13								1.0
LATR	BE	105	310	ES		0341	38.35-0.08								1.0
LATR	BN	105	310	IAML		0341	41.90			250	0.8				
LATR	BE	105	310	IAML		0341	42.10			130	0.1				
HYB	HZ	141	107	EP		0341	31.32	0.59							1.0
HYB	HN	141	107	ES		0341	47.67-0.54								1.0
HYB	HE	141	107	IAML		0341	49.42			57	0.1				
HYB	HN	141	107	IAML		0341	49.46			74	0.2				

September 5 2023 Hour: 6:57 53.4 Lat: 28.77N Lon: 76.65E Depth: 5F Agency: NCS Local
Magnitudes: 2.7ML NCS 2.9MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RTK	BZ	37	322	EP		0657	59.28-0.66								1.0
RTK	BE	37	322	ES		0658	04.12-0.60								1.0
RTK	BE	37	322	IAML		0658	04.44			1886	0.0				
RTK	BN	37	322	IAML		0658	05.68			1160	0.1				
NPL	BZ	53	106	EP		0658	03.56	0.99							1.0
NPL	BN	53	106	ES		0658	09.17-0.09								1.0
NPL	BE	53	106	IAML		0658	09.61			1118	0.2				
NPL	BN	53	106	IAML		0658	10.40			1260	0.1				
NDI	HZ	55	99	EP		0658	03.47	0.37							1.0
NDI	HN	55	99	ES		0658	08.89-1.29								1.0

NDI	HN	55	99	IAML	0658	09.43			294	0.3					
NDI	HE	55	99	IAML	0658	09.51			138	0.4					
AYAN	BZ	56	125	EP	0658	03.28	0.02								1.0
AYAN	BN	56	125	ES	0658	10.51	0.06								1.0
AYAN	BN	56	125	IAML	0658	12.32			221	0.2					
AYAN	BE	56	125	IAML	0658	12.67			183	0.3					
SMLA	HE	266	11	ES	0659	03.08	0.07								1.0
SMLA	HN	266	11	IAML	0659	04.87			19	0.1					
SMLA	HE	266	11	IAML	0659	05.43			31	0.2					
DHRM	HZ	387	355	EP	0658	48.75	0.28								1.0
DHRM	HE	387	355	ES	0659	29.52	0.86								1.0
DHRM	HE	387	355	IAML	0659	36.57			35	0.5					
DHRM	HN	387	355	IAML	0659	38.48			24	0.9					

September 5 2023 Hour: 12: 9 37.9 Lat: 36.75N Lon: 70.31E Depth: 75F Agency: NCS Local
Magnitudes: 3.5ML NCS 3.6MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	604	135	EP		1210	56.33	0.32							1.0
JMU	BE	604	135	ES		1211	52.88	-0.17							1.0
JMU	BE	604	135	IAML		1212	04.80			89	0.1				
JMU	BN	604	135	IAML		1212	09.24			96	0.7				
UDMP	HZ	612	133	EP		1210	56.47	-0.47							1.0
UDMP	HN	612	133	ES		1211	54.71	0.04							1.0
THN	BZ	694	132	EP		1211	07.04	0.05							1.0
THN	BN	694	132	ES		1212	12.62	0.57							1.0
SDNR	BZ	839	132	EP		1211	24.71	0.10							1.0
SDNR	BN	839	132	ES		1212	42.09	-0.44							1.0
SDNR	BE	839	132	IAML		1212	42.65			30					
SDNR	BN	839	132	IAML		1212	43.13			26	0.4				

September 5 2023 Hour: 15: 3 16.1 Lat: 5.32S Lon: 142.92E Depth: 49F Agency: NCS Distant
Magnitudes: 5.8MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HRYA	BZ			EP		1514	03.86								
ASIV	HZ			EP		1514	24.18								
PWAL	BZ			EP		1514	29.45								
AURD	HZ			EP		1514	18.10								
CMPI	HZ	6260	303	EP		1512	51.62	-0.12							1.0
IMP	SZ	6263	304	EP		1512	51.59	-0.14							1.0
MOKO	SZ	6284	306	EP		1512	53.21	0.05							1.0
KOHI	SZ	6291	306	EP		1512	53.51	-0.06							1.0
ITAN	SZ	6396	307	EP		1513	00.22	-0.00							1.0
ZIRO	SZ	6403	307	EP		1513	00.69	-0.01							1.0
TEZP	SZ	6452	306	EP		1513	04.61	0.88							1.0
GUWA	SZ	6532	305	EP		1513	08.57	-0.26							1.0
CAL	BZ	6691	300	EP		1513	18.56	-0.06							1.0
COBR	BZ	6741	304	EP		1513	21.71	0.06							1.0
JPG	BZ	6821	304	EP		1513	26.40	-0.12							1.0
BWNR	BZ	6854	296	EP		1513	28.48	-0.12							1.0
GTK	SZ	6864	305	EP		1513	28.91	-0.31							1.0
SHBG	BZ	6865	302	EP		1513	29.46	0.14							1.0
BOKR	HZ	6975	300	EP		1513	35.79	-0.11							1.0
JMUI	BZ	6986	301	EP		1513	36.51	0.04							1.0
VISK	HZ	7024	293	EP		1513	38.63	-0.13							1.0
RAGD	BZ	7057	294	EP		1513	40.99	0.16							1.0
STMR	BZ	7147	303	EP		1513	46.11	0.03							1.0
KNKR	BZ	7171	291	EP		1513	47.51	0.01							1.0
JGDP	HZ	7196	294	EP		1513	49.03	0.06							1.0
MDRS	HZ	7226	287	EP		1513	50.69	0.02							1.0
VJD	BZ	7266	291	EP		1513	53.00	-0.04							1.0
RAIP	HZ	7299	296	EP		1513	55.09	0.07							1.0
VLK	BZ	7299	303	EP		1513	55.00	0.02							1.0
VAR	BZ	7306	301	EP		1513	55.31	-0.01							1.0
SALM	BZ	7412	285	EP		1514	01.40	-0.12							1.0

HYB	HZ	7506	291	EP	1514	06.87-0.04	1.0
KNL	HZ	7518	289	EP	1514	07.58 0.03	1.0
BRCH	BZ	7520	303	EP	1514	07.64-0.01	1.0
JBPL	HZ	7531	298	EP	1514	07.73-0.50	1.0
ATP	HZ	7532	288	EP	1514	08.21-0.09	1.0
LKN	BZ	7559	302	EP	1514	09.89 0.04	1.0
BNDA	BZ	7568	300	EP	1514	10.44 0.10	1.0
CNWR	HZ	7596	296	EP	1514	12.03 0.06	1.0
MYSR	HZ	7597	286	EP	1514	12.03 0.06	1.0
KDGU	HZ	7670	285	EP	1514	16.18 0.07	1.0
KLBG	HZ	7681	291	EP	1514	16.78 0.11	1.0
HING	HZ	7714	293	EP	1514	18.86 0.27	1.0
PTH	BZ	7722	304	EP	1514	18.88-0.09	1.0
JHNI	BZ	7732	300	EP	1514	19.55 0.07	1.0
MUKT	HZ	7768	304	EP	1514	21.93 0.07	1.0
BHPL	HZ	7781	297	EP	1514	22.23 0.01	1.0
SLPR	HZ	7784	291	EP	1514	22.53 0.07	1.0
MNGI	BZ	7789	286	EP	1514	22.61-0.07	1.0
JOSI	BZ	7816	305	EP	1514	24.27 0.09	1.0
BISR	BZ	7944	302	EP	1514	31.16 0.02	1.0
KAD	BZ	7957	290	EP	1514	31.82 0.03	1.0
JMIU	BZ	7957	302	EP	1514	31.93 0.05	1.0
LDR	HZ	7965	302	EP	1514	32.39 0.07	1.0
NDI	HZ	7969	302	EP	1514	32.56 0.02	1.0
AYAN	BZ	7970	302	EP	1514	32.64 0.03	1.0
NPL	BZ	7971	302	EP	1514	32.62 0.03	1.0
UJWA	BZ	7992	302	EP	1514	33.82 0.03	1.0
BHGR	BZ	7994	302	EP	1514	33.76-0.11	1.0
SMLA	HZ	8053	305	EP	1514	36.98-0.02	1.0
CGRH	BZ	8076	304	EP	1514	38.02-0.21	1.0
BHK	BZ	8083	305	EP	1514	38.50-0.18	1.0
SDNR	BZ	8091	305	EP	1514	39.25 0.18	1.0
AJM	BZ	8145	299	EP	1514	42.05 0.07	1.0
PALG	HZ	8151	293	EP	1514	42.10-0.10	1.0
ALCI	BZ	8158	308	EP	1514	42.76 0.07	1.0
DHRM	HZ	8169	306	EP	1514	43.21-0.04	1.0
UDPR	BZ	8184	297	EP	1514	43.96-0.05	1.0
THN	BZ	8220	306	EP	1514	45.75-0.18	1.0
JODH	HZ	8294	299	EP	1514	49.81 0.05	1.0
UDMP	HZ	8297	306	EP	1514	49.92 0.02	1.0
SRGN	BZ	8317	303	EP	1514	51.08 0.08	1.0
JMU	BZ	8319	306	EP	1514	51.15 0.05	1.0
BKNR	BZ	8325	301	EP	1514	51.51 0.12	1.0
SRIN	BZ	8362	307	EP	1514	53.15-0.19	1.0
JASL	BZ	8519	299	EP	1515	01.25-0.06	0.0
BHUJ	HZ	8555	295	EP	1515	03.18 0.02	0.0

September 5 2023 Hour: 18: 2 4.3 Lat: 36.50N Lon: 70.44E Depth:203F
Agency: NCS Local
Magnitudes: 4.5ML NCS 4.5MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	576	134	EP		1803	21.52	0.24							1.0
JMU	BN	576	134	ES		1804	17.81	0.33							1.0
JMU	BN	576	134	IAML		1804	22.76			984	1.1				
JMU	BE	576	134	IAML		1804	23.63			755	0.7				
UDMP	HZ	585	131	EP		1803	22.28	0.04							1.0
UDMP	HE	585	131	ES		1804	19.26	0.12							1.0
ALCI	BZ	663	111	EP		1803	30.74	-0.65							1.0
ALCI	BN	663	111	ES		1804	35.00	0.02							1.0
ALCI	BE	663	111	IAML		1804	38.72			308	0.7				
ALCI	BN	663	111	IAML		1804	39.58			297	0.9				
THN	BZ	667	131	EP		1803	31.80	-0.06							1.0
THN	BN	667	131	ES		1804	35.71	-0.08							1.0
AMRT	HZ	678	141	EP		1803	33.16	0.11							1.0
AMRT	HE	678	141	ES		1804	37.88	0.03							1.0

AMRT	HE	678	141	IAML	1804	41.33	3067	0.4	
AMRT	HN	678	141	IAML	1804	41.75	2870	0.6	
DHRM	HZ	716	129	EP	1803	37.91 0.27			1.0
DHRM	HE	716	129	ES	1804	45.82 0.03			1.0
DHRM	HE	716	129	IAML	1804	49.27	1850	0.9	
DHRM	HN	716	129	IAML	1804	49.57	671	0.5	
SDNR	BZ	811	131	EP	1803	48.99 0.11			1.0
SDNR	BN	811	131	ES	1805	05.23 0.01			1.0
SDNR	BE	811	131	IAML	1805	07.97	230	0.3	
SDNR	BN	811	131	IAML	1805	09.04	190	0.4	
SMLA	HZ	861	132	EP	1803	55.16 0.41			1.0
SMLA	HN	861	132	ES	1805	15.37-0.02			1.0
SMLA	HN	861	132	IAML	1805	18.68	195	0.7	
SMLA	HE	861	132	IAML	1805	19.83	445	0.2	
CHUR	HZ	1005	154	EP	1804	11.46-0.32			1.0
CHUR	HE	1005	154	ES	1805	44.99 0.15			1.0
CHUR	HN	1005	154	IAML	1805	47.26	692	0.6	
CHUR	HE	1005	154	IAML	1805	47.89	784	1.0	
JASL	BZ	1062	178	EP	1804	18.81 0.15			1.0
JASL	BN	1062	178	ES	1805	56.41-0.34			1.0
JASL	BN	1062	178	IAML	1805	59.19	349	1.1	
JASL	BE	1062	178	IAML	1806	01.16	546	0.5	
NDI	HZ	1073	142	EP	1804	20.21 0.17			1.0
NDI	HN	1073	142	ES	1805	59.00-0.14			1.0
NDI	HE	1073	142	IAML	1806	00.77	149	0.8	
NDI	HN	1073	142	IAML	1806	00.96	132	0.7	
NPL	BZ	1076	142	EP	1804	20.11-0.11			1.0
NPL	BN	1076	142	ES	1805	59.44-0.01			1.0
NPL	BN	1076	142	IAML	1806	01.19	280	0.6	
NPL	BE	1076	142	IAML	1806	04.94	285	0.5	
AYAN	BZ	1088	143	EP	1804	21.67-0.08			1.0
AYAN	BE	1088	143	ES	1806	02.21 0.12			1.0
AYAN	BE	1088	143	IAML	1806	03.28	200	0.7	
AYAN	BN	1088	143	IAML	1806	05.19	215	1.2	
MUKT	HZ	1161	130	EP	1804	30.91 0.14			1.0
MUKT	HN	1161	130	ES	1806	17.81 0.11			1.0
MUKT	HE	1161	130	IAML	1806	26.20	85	0.8	
MUKT	HN	1161	130	IAML	1806	29.78	84	0.9	
JODH	HZ	1162	167	EP	1804	30.62 0.08			1.0
JODH	HN	1162	167	ES	1806	17.40 0.09			1.0
JODH	HN	1162	167	IAML	1806	22.52	187	0.4	
JODH	HE	1162	167	IAML	1806	22.52	160	0.9	
AJM	BZ	1185	159	EP	1804	33.21-0.14			1.0
AJM	BE	1185	159	ES	1806	22.05-0.11			1.0
AJM	BN	1185	159	IAML	1806	29.62	69	0.5	
AJM	BE	1185	159	IAML	1806	48.14	98	0.2	
JPR	HZ	1187	153	EP	1804	33.64 0.08			1.0
JPR	HN	1187	153	ES	1806	22.29-0.24			1.0
JPR	HE	1187	153	IAML	1806	26.28	443	1.5	
JPR	HN	1187	153	IAML	1806	29.05	343	0.5	
PTH	BZ	1190	127	EP	1804	33.50-0.38			1.0
PTH	BN	1190	127	ES	1806	22.80-0.28			1.0
PTH	BN	1190	127	IAML	1806	26.43	60	0.7	
PTH	BE	1190	127	IAML	1806	30.04	40	0.8	
LGTI	BZ	1196	128	EP	1804	34.61-0.08			1.0
LGTI	BN	1196	128	ES	1806	24.65 0.17			1.0
LGTI	BE	1196	128	IAML	1806	27.18	42	0.6	
LGTI	BN	1196	128	IAML	1806	27.29	31	0.5	
UDPR	BZ	1357	166	EP	1804	53.88-0.09			1.0
UDPR	BE	1357	166	ES	1806	57.91 0.08			1.0
UDPR	BN	1357	166	IAML	1807	03.20	86	0.5	
UDPR	BE	1357	166	IAML	1807	04.23	129	0.5	
JHNI	BZ	1450	145	EP	1805	05.06 0.03			1.0
JHNI	BN	1450	145	ES	1807	16.79-0.17			1.0

JHNI	BN	1450	145	IAML	1807	20.69			44	0.6					
JHNI	BE	1450	145	IAML	1807	22.33			76	0.7					
BHUJ	HZ	1470	183	EP	1805	07.60	0.18								1.0
BHUJ	HN	1470	183	ES	1807	21.17	0.06								1.0
BHUJ	HE	1470	183	IAML	1807	27.39			171	0.9					
BHUJ	HN	1470	183	IAML	1807	28.00			119	1.2					

September 5 2023 Hour: 19:37 58.0 Lat: 24.31N Lon: 94.04E Depth: 90F Agency: NCS Local
Magnitudes: 3.5ML NCS 3.6MW NCS Rms: 0.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	117	219	EP		1938	18.52	0.05							1.0
CMPI	HN	117	219	ES		1938	33.39	-0.06							1.0
CMPI	HE	117	219	IAML		1938	37.29			1558	0.2				
CMPI	HN	117	219	IAML		1938	38.77			1232	0.8				
SILR	SZ	135	293	EP		1938	20.15	-0.04							1.0
SILR	SN	135	293	ES		1938	36.48	0.06							1.0
SILR	SN	135	293	IAML		1938	40.00			824	0.1				
SILR	SE	135	293	IAML		1938	43.96			691	0.2				
KOHI	SZ	156	3	EP		1938	22.49	-0.07							1.0
KOHI	SE	156	3	ES		1938	40.47	-0.06							1.0
KOHI	SE	156	3	IAML		1938	48.65			567	0.6				
KOHI	SN	156	3	IAML		1938	49.17			323	0.6				
MOKO	SZ	228	12	EP		1938	30.89	0.03							1.0
TEZP	SZ	284	334	EP		1938	37.43	-0.02							1.0
TEZP	SN	284	334	ES		1939	06.41	0.13							1.0
TEZP	SE	284	334	IAML		1939	08.38			355	0.2				
TEZP	SN	284	334	IAML		1939	08.60			383	0.1				
GUWA	SN	315	312	ES		1939	12.53	-0.26							1.0
ITAN	SZ	315	354	EP		1938	41.11	-0.15							1.0
ITAN	SN	315	354	ES		1939	12.89	0.02							1.0
ITAN	SN	315	354	IAML		1939	15.86			256	0.3				
ITAN	SE	315	354	IAML		1939	18.50			148	0.4				
GUWA	SZ	315	312	EP		1938	41.65	0.44							1.0
GUWA	SE	315	312	IAML		1939	14.08			228	0.2				
GUWA	SN	315	312	IAML		1939	14.08			156	0.2				
ZIRO	SZ	357	357	EP		1938	46.13	-0.08							1.0
ZIRO	SE	357	357	ES		1939	21.52	0.09							1.0
ZIRO	SE	357	357	IAML		1939	25.58			277	0.5				
ZIRO	SN	357	357	IAML		1939	28.94			240	0.4				
GTK	SZ	638	303	EP		1939	20.40	0.01							1.0
GTK	SE	638	303	ES		1940	20.51	-0.06							1.0

September 5 2023 Hour: 21:30 28.9 Lat: 27.33N Lon: 92.57E Depth: 37 Agency: NCS Local
Magnitudes: 2.9ML NCS 2.9MW NCS Rms: 0.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TEZP	SZ	82	164	EP		2130	43.31	0.19							1.0
TEZP	SN	82	164	ES		2130	53.47	-0.07							1.0
TEZP	SN	82	164	IAML		2130	54.54			657	0.2				
ZIRO	SZ	128	80	EP		2130	48.73	-0.03							1.0
ZIRO	SN	128	80	ES		2131	03.30	0.00							1.0
ZIRO	SN	128	80	IAML		2131	04.46			503	0.1				
ZIRO	SE	128	80	IAML		2131	04.86			461	0.5				
MOKO	SZ	223	120	EP		2131	00.59	0.15							1.0
KOHI	SZ	235	139	EP		2131	01.56	-0.30							1.0
KOHI	SN	235	139	ES		2131	26.03	0.07							1.0
KOHI	SN	235	139	IAML		2131	27.06			29	0.4				
KOHI	SE	235	139	IAML		2131	27.80			28	0.3				

September 6 2023 Hour: 3: 5 33.0 Lat: 37.46N Lon: 72.12E Depth:178F Agency: NCS Local
 Magnitudes: 3.7ML NCS 3.6MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
UDMP	HZ	573	151	EP		0306	48.25	-0.58							1.0
UDMP	HN	573	151	ES		0307	45.02	0.81							1.0
ALCI	BE	582	127	ES		0307	46.24	0.21							1.0
ALCI	BE	582	127	IAML		0307	49.29			64	0.2				
ALCI	BN	582	127	IAML		0307	52.88			74	0.4				
THN	BZ	650	148	EP		0306	58.01	0.12							1.0
THN	BN	650	148	ES		0308	00.21	0.33							1.0
DHRM	HZ	693	145	EP		0307	03.65	0.67							1.0
DHRM	HN	693	145	ES		0308	08.29	-0.40							1.0
DHRM	HN	693	145	IAML		0308	13.73			102	0.5				
DHRM	HE	693	145	IAML		0308	14.83			137	0.7				
SDNR	BE	790	145	ES		0308	28.21	-0.32							1.0
SDNR	BN	790	145	IAML		0308	30.74			34	0.3				
SDNR	BE	790	145	IAML		0308	32.29			40	0.2				
SMLA	HZ	842	145	EP		0307	20.31	-0.28							1.0
SMLA	HE	842	145	ES		0308	38.59	-0.56							1.0
SMLA	HN	842	145	IAML		0308	42.08			103	0.5				
SMLA	HE	842	145	IAML		0308	42.96			131	0.4				

September 6 2023 Hour: 13: 3 8.6 Lat: 24.34N Lon: 93.69E Depth: 49 Agency: NCS Local
 Magnitudes: 3.4ML NCS 3.5MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	60	25	EP		1303	19.92	-0.47							1.0
IMP	SN	60	25	ES		1303	29.32	0.31							1.0
IMP	SN	60	25	IAML		1303	29.77			1194	0.4				
IMP	SE	60	25	IAML		1303	32.78			2771	0.4				
CMPI	HZ	102	203	EP		1303	25.28	-0.26							1.0
SILR	SZ	102	298	EP		1303	25.67	0.29							1.0
KOHI	SZ	158	15	EP		1303	32.15	-0.01							1.0
KOHI	SN	158	15	ES		1303	49.31	-0.05							1.0
KOHI	SN	158	15	IAML		1303	51.40			346	0.8				
KOHI	SE	158	15	IAML		1303	57.80			298	0.2				
MOKO	SZ	234	21	EP		1303	41.42	-0.03							1.0
TEZP	SZ	268	341	EP		1303	45.63	0.20							1.0
TEZP	SN	268	341	ES		1304	12.44	0.12							1.0
TEZP	SN	268	341	IAML		1304	14.21			268	0.1				
TEZP	SE	268	341	IAML		1304	14.45			286	0.3				
GUWA	SZ	288	316	EP		1303	48.11	0.17							1.0
GUWA	SN	288	316	ES		1304	16.36	-0.32							1.0
GUWA	SN	288	316	IAML		1304	18.22			141	0.5				
GUWA	SE	288	316	IAML		1304	18.73			229	0.2				
ITAN	SZ	310	0	EP		1303	50.75	0.04							1.0
ITAN	SN	310	0	ES		1304	20.60	-0.86							1.0
ITAN	SE	310	0	IAML		1304	23.20			286	0.3				
ITAN	SN	310	0	IAML		1304	24.85			270	0.1				
ZIRO	SZ	353	2	EP		1303	56.55	0.65							1.0
ZIRO	SN	353	2	ES		1304	30.66	0.22							1.0
ZIRO	SN	353	2	IAML		1304	32.52			195	0.5				
ZIRO	SE	353	2	IAML		1304	34.80			269	0.5				

September 6 2023 Hour: 18: 9 15.7 Lat: 25.02N Lon: 94.99E Depth: 14 Agency: NCS Local
 Magnitudes: 3.3ML NCS 3.0MW NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	118	311	EP		1809	35.94	0.12							1.0
KOHI	SN	118	311	ES		1809	50.55	0.01							1.0
MOKO	SZ	152	342	EP		1809	40.73	-0.15							1.0
CMPI	HZ	240	226	EP		1809	51.31	-0.50							1.0
CMPI	HN	240	226	ES		1810	18.51	0.32							1.0
CMPI	HE	240	226	IAML		1810	23.62			103	0.3				
CMPI	HN	240	226	IAML		1810	24.52			88	0.2				

TEZP	SZ	282	309	EP	1809	56.21-0.50										1.0
TEZP	SN	282	309	ES	1810	26.60-0.08										1.0
TEZP	SE	282	309	IAML	1810	28.29		689	0.1							
TEZP	SN	282	309	IAML	1810	28.74		693	0.2							
ZIRO	SZ	300	338	EP	1809	58.97	0.02									1.0
ZIRO	SN	300	338	ES	1810	30.78	0.23									1.0
ZIRO	SE	300	338	IAML	1810	32.81			90	0.5						
ZIRO	SN	300	338	IAML	1810	32.95			196	0.2						
GUWA	SZ	356	292	EP	1810	06.76	0.96									1.0
GUWA	SE	356	292	ES	1810	41.98-0.42										1.0
GUWA	SN	356	292	IAML	1810	43.75			148	0.2						
GUWA	SE	356	292	IAML	1810	44.24			138	0.3						

September 6 2023 Hour: 23:48 5.2

Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HRYA	BZ			EP		2408	04.52								
PWAL	BZ			EP		2407	58.70								
ASIV	HZ			EP		2407	53.45								
AURD	HZ			EP		2407	53.45								
MNGI	BZ			EP		2407	44.38								
CHT	HZ			EP		2407	43.33								
BHUJ	HZ			EP		2407	39.28								
GOA	HZ			EP		2407	37.25								
KDGU	HZ			EP		2407	43.33								
SUPA	HZ			EP		2407	45.35								
MYSR	HZ			EP		2407	41.31								
BOM	BZ			EP		2407	44.03								
KAD	BZ			EP		2407	42.33								
SALM	BZ			EP		2407	44.38								
PALG	HZ			EP		2407	45.35								
JASL	BZ			EP		2407	46.08								
BLRY	HZ			EP		2407	45.35								
BARM	HZ			EP		2407	49.40								
ATP	HZ			EP		2407	53.45								
SLPR	HZ			EP		2407	49.40								
KLBG	HZ			EP		2407	53.45								
KNL	HZ			EP		2407	55.47								
JODH	HZ			EP		2407	51.43								
TPTI	HZ			EP		2407	53.45								
UDPR	BZ			EP		2407	52.56								
MDRS	HZ			EP		2407	45.34								
BKNR	BZ			EP		2407	50.18								
HYB	HZ			EP		2407	49.39								
SRGN	BZ			EP		2407	52.56								
CHUR	HZ			EP		2407	53.45								
VJD	BZ			EP		2407	54.61								
JPR	HZ			EP		2407	53.45								
AMRT	HZ			EP		2407	55.47								
JMU	BZ			EP		2407	56.33								
BHPL	HZ			EP		2407	51.41								
UDMP	HZ			EP		2407	53.45								
KNKR	BZ			EP		2407	56.65								
THN	BZ			EP		2407	54.61								
RTK	BZ			EP		2407	52.56								
JHJR	BZ			EP		2407	52.22								
CNWR	HZ			EP		2407	57.50								
RAJM	HZ			EP		2407	53.45								
DHRM	HZ			EP		2407	59.50								
UJWA	BZ			EP		2408	00.75								
AYAN	BZ			EP		2407	54.28								
CGRH	BZ			EP		2407	58.37								
NPL	BZ			EP		2408	04.84								
LDR	HZ			EP		2407	56.65								
NDI	HZ			EP		2407	54.61								

FBD	HZ	EP	2407	57.50
JMIU	BZ	EP	2407	54.28
BHK	BZ	EP	2407	52.22
SMLA	HZ	EP	2407	57.48
JHNI	BZ	EP	2407	52.22
ALCI	BZ	EP	2407	58.37
JGDP	HZ	EP	2407	55.47
JBPL	HZ	EP	2407	55.47
DDI	HZ	EP	2407	57.48
RAIP	HZ	EP	2407	53.45
TKRD	BZ	EP	2407	54.61
BNDA	BZ	EP	2407	54.28
MUKT	HZ	EP	2407	59.52
JOSI	BZ	EP	2408	00.42
PTH	BZ	EP	2408	00.75
LKN	BZ	EP	2408	06.89
BRCH	BZ	EP	2407	58.37
VAR	BZ	EP	2408	00.75
BWNR	BZ	EP	2408	04.52
VLK	BZ	EP	2407	58.70
STMR	BZ	EP	2408	08.94
JMUI	BZ	EP	2408	04.52
SHBG	BZ	EP	2408	04.84
JPG	BZ	EP	2408	06.57
GTK	SZ	EP	2408	08.47
GUWA	SZ	EP	2408	08.47
CMPI	HZ	EP	2408	11.67
TAWA	SZ	EP	2408	08.47
TEZP	SZ	EP	2408	10.52
IMP	SZ	EP	2408	12.57
KOHI	SZ	EP	2408	10.52
ITAN	SZ	EP	2408	12.57
ZIRO	SZ	EP	2408	12.57
JORH	HZ	EP	2408	12.57
MOKO	SZ	EP	2408	12.57

September 7 2023 Hour: 2:34 15.9 Lat: 28.44N Lon: 86.85E Depth: 27 Agency: NCS Local
Magnitudes: 3.7ML NCS 3.7MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	213	125	EP		0234	47.40	0.25							1.0
GTK	SN	213	125	ES		0235	10.58	0.63							1.0
GTK	SN	213	125	IAML		0235	17.02			582	0.3				
GTK	SE	213	125	IAML		0235	17.89			561	0.5				
SHBG	BZ	364	167	EP		0235	05.07-0.53								1.0
SHBG	BE	364	167	ES		0235	42.03	0.16							1.0
SHBG	BE	364	167	IAML		0235	44.63			221	0.3				
SHBG	BN	364	167	IAML		0235	46.04			332	0.2				
TAWA	SZ	503	100	EP		0235	22.53	0.04							1.0
GUWA	SZ	540	116	EP		0235	27.31	0.17							1.0
GUWA	SN	540	116	ES		0236	19.64	0.51							1.0
GUWA	SN	540	116	IAML		0236	21.55			38	0.1				
GUWA	SE	540	116	IAML		0236	22.92			36	0.3				
TEZP	SZ	622	108	EP		0235	36.86-0.13								1.0
TEZP	SN	622	108	ES		0236	34.17-2.01								1.0
TEZP	SE	622	108	IAML		0236	35.85			97	0.0				
TEZP	SN	622	108	IAML		0236	36.31			122	0.1				
PTH	BZ	659	283	EP		0235	41.75	0.13							1.0
PTH	BN	659	283	ES		0236	43.67-0.52								1.0
PTH	BE	659	283	IAML		0236	49.46			33	0.2				
PTH	BN	659	283	IAML		0236	49.68			54	0.3				
ZIRO	SZ	696	97	EP		0235	46.22	0.05							1.0
ZIRO	SN	696	97	ES		0236	52.63	0.57							1.0
ZIRO	SE	696	97	IAML		0236	54.01			164	0.3				
ZIRO	SN	696	97	IAML		0236	54.03			319	0.3				

MUKT	HZ	710	281	EP	0235	47.84-0.31										1.0
MUKT	HN	710	281	ES	0236	55.44-0.04										1.0
MUKT	HE	710	281	IAML	0236	59.89			74	0.4						
MUKT	HN	710	281	IAML	0236	59.94			61	0.5						
KOHI	SZ	781	111	EP	0235	56.68 0.22										1.0
KOHI	SN	781	111	ES	0237	10.01 0.15										1.0
KOHI	SE	781	111	IAML	0237	11.73			33	0.6						
KOHI	SN	781	111	IAML	0237	12.16			33	0.6						
MOKO	SZ	794	105	EP	0235	58.04-0.10										1.0
DDI	HZ	878	286	EP	0236	08.57 0.22										1.0
DDI	HN	878	286	ES	0237	30.72 0.29										1.0
DDI	HE	878	286	IAML	0237	37.18			219	0.4						
DDI	HN	878	286	IAML	0237	37.28			317	0.3						
SMLA	HZ	981	290	EP	0236	20.83-0.08										1.0
SMLA	HN	981	290	ES	0237	52.05-0.11										1.0
SMLA	HE	981	290	IAML	0237	57.54			89	0.4						
SMLA	HN	981	290	IAML	0237	57.83			52	0.3						
DHRM	HZ	1097	295	EP	0236	35.24 0.08										1.0
DHRM	HN	1097	295	ES	0238	17.16 0.36										1.0
DHRM	HN	1097	295	IAML	0238	21.01			33	0.7						
DHRM	HE	1097	295	IAML	0238	23.15			34	0.4						

September 7 2023 Hour: 4:59 22.4 Lat: 22.42N Lon: 93.76E Depth: 23 Agency: NCS Local
Magnitudes: 4.0ML NCS 4.1MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	128	339	EP		0459	43.92	0.20							1.0
CMPI	HN	128	339	ES		0500	00.00	0.70							1.0
CMPI	HE	128	339	IAML		0500	07.84			13945	0.4				
CMPI	HN	128	339	IAML		0500	07.91			9079	0.6				
IMP	SZ	268	4	EP		0500	01.07	0.48							1.0
IMP	SN	268	4	ES		0500	29.38	0.89							1.0
IMP	SN	268	4	IAML		0500	30.92			666	0.3				
IMP	SE	268	4	IAML		0500	32.23			414	0.3				
SILR	SZ	279	340	EP		0500	02.07	0.09							1.0
SILR	SE	279	340	ES		0500	31.16	0.27							1.0
SILR	SN	279	340	IAML		0500	41.69			1094	0.6				
SILR	SE	279	340	IAML		0500	44.20			758	0.4				
KOHI	SZ	367	5	EP		0500	12.89	0.10							1.0
KOHI	SN	367	5	ES		0500	49.26-0.33								1.0
KOHI	SE	367	5	IAML		0500	55.49			1275	0.2				
KOHI	SN	367	5	IAML		0500	55.71			903	0.8				
MOKO	SZ	439	10	EP		0500	21.83	0.26							1.0
GUWA	SZ	468	334	EP		0500	24.90-0.17								1.0
GUWA	SN	468	334	ES		0501	10.50-0.33								1.0
GUWA	SE	468	334	IAML		0501	13.61			344	0.4				
GUWA	SN	468	334	IAML		0501	14.31			214	0.2				
TEZP	SZ	475	348	EP		0500	25.40-0.50								1.0
TEZP	SN	475	348	ES		0501	11.81-0.45								1.0
TEZP	SN	475	348	IAML		0501	12.28			427	0.2				
TEZP	SE	475	348	IAML		0501	12.57			351	0.1				
ZIRO	SZ	566	1	EP		0500	36.53-0.49								1.0
ZIRO	SN	566	1	ES		0501	30.78-0.73								1.0
ZIRO	SN	566	1	IAML		0501	33.39			744	0.4				
ZIRO	SE	566	1	IAML		0501	34.78			691	0.4				

September 7 2023 Hour: 9:40 33.3 Lat: 32.00N Lon: 75.57E Depth: 10F Agency: NCS Local
Magnitudes: 3.1ML NCS 3.1MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	54	24	EP		0940	43.64	0.70							1.0
THN	BN	54	24	ES		0940	51.32	1.35							1.0
DHRM	HZ	75	68	EP		0940	45.90-0.63								1.0
DHRM	HN	75	68	ES		0940	55.09-1.09								1.0
DHRM	HN	75	68	IAML		0940	57.48			632	0.6				
DHRM	HE	75	68	IAML		0941	00.64			358	0.4				

UDMP	HZ	110	338	EP	0940	52.36-0.10										1.0
UDMP	HN	110	338	ES	0941	06.00-0.44										1.0
JMU	BZ	111	322	EP	0940	52.59-0.15										1.0
JMU	BN	111	322	ES	0941	06.72-0.20										1.0
JMU	BE	111	322	IAML	0941	08.37			152	0.2						
JMU	BN	111	322	IAML	0941	08.84			164	0.5						
SDNR	BZ	137	111	EP	0940	55.72-0.95										1.0
SDNR	BN	137	111	ES	0941	13.49-0.23										1.0
SDNR	BE	137	111	IAML	0941	15.65			188	0.3						
SDNR	BN	137	111	IAML	0941	16.43			207	0.3						
SMLA	HZ	180	122	EP	0941	02.40-0.03										1.0
SMLA	HN	180	122	ES	0941	23.53-0.15										1.0
SMLA	HN	180	122	IAML	0941	26.11			279	0.1						
SMLA	HE	180	122	IAML	0941	26.58			261	0.4						
CGRH	BZ	181	140	EP	0941	02.84 0.28										1.0
CGRH	BN	181	140	ES	0941	24.25 0.34										1.0
CGRH	BE	181	140	IAML	0941	25.02			1091	0.2						
CGRH	BN	181	140	IAML	0941	26.16			966	0.2						
UTK	BZ	308	116	EP	0941	18.18 0.21										1.0
UTK	BN	308	116	ES	0941	51.68 1.12										1.0
UTK	BN	308	116	IAML	0941	59.94			57	0.2						
UTK	BE	308	116	IAML	0942	01.80			128	0.2						

September 7 2023 Hour: 10:32 55.6 Lat: 25.00N Lon: 94.18E Depth: 53 Agency: NCS Local
Magnitudes: 3.1ML NCS 3.4MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
IMP	SZ	30	231	EP		1033	03.98-0.89								1.0
IMP	SN	30	231	ES		1033	12.21 0.56								1.0
IMP	SN	30	231	IAML		1033	12.68			394	0.5				
IMP	SE	30	231	IAML		1033	16.53			455	0.4				
KOHI	SZ	80	355	EP		1033	09.28-0.64								1.0
KOHI	SN	80	355	ES		1033	20.49 0.11								1.0
KOHI	SE	80	355	IAML		1033	25.11			493	1.2				
KOHI	SN	80	355	IAML		1033	29.11			501	0.3				
MOKO	SZ	150	13	EP		1033	18.17-0.13								1.0
CMPI	HZ	188	208	EP		1033	22.51-0.57								1.0
CMPI	HN	188	208	ES		1033	43.76 0.60								1.0
CMPI	HN	188	208	IAML		1033	46.69			228	0.3				
CMPI	HE	188	208	IAML		1033	50.85			268	0.4				
TEZP	SZ	226	323	EP		1033	27.70 0.25								1.0
TEZP	SN	226	323	ES		1033	50.33-0.39								1.0
TEZP	SE	226	323	IAML		1033	51.41			168	0.3				
TEZP	SN	226	323	IAML		1033	52.67			261	0.2				
ITAN	SZ	242	349	EP		1033	30.79 1.38								1.0
ITAN	SE	242	349	ES		1033	54.19 0.08								1.0
ITAN	SN	242	349	IAML		1034	04.28			340	0.4				
ITAN	SE	242	349	IAML		1034	05.14			314	0.3				
GUWA	SZ	283	298	EP		1033	33.98-0.39								1.0
GUWA	SE	283	298	ES		1034	02.74 0.05								1.0
GUWA	SN	283	298	IAML		1034	04.11			71	0.3				
GUWA	SE	283	298	IAML		1034	06.41			39	0.2				

September 7 2023 Hour: 18:3 59.9 Lat: 36.55N Lon: 71.50E Depth: 115F Agency: NCS Local
Magnitudes: 4.3ML NCS 4.1MW NCS Rms: 0.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	517	143	EP		1805	07.92 0.11								1.0
JMU	BE	517	143	ES		1805	57.49 0.07								1.0
JMU	BE	517	143	IAML		1806	00.32			1207	0.4				
JMU	BN	517	143	IAML		1806	02.68			3155	0.6				
UDMP	HZ	522	140	EP		1805	08.44 0.12								1.0
UDMP	HE	522	140	ES		1805	58.21-0.09								1.0
ALCI	BZ	577	115	EP		1805	15.81 0.80								1.0
ALCI	BN	577	115	ES		1806	09.52-0.35								1.0
ALCI	BN	577	115	IAML		1806	12.94			237	0.3				

ALCI	BE	577	115	IAML	1806	13.87		328	0.2	
THN	BZ	603	138	EP	1805	17.85-0.22				1.0
THN	BN	603	138	ES	1806	15.19 0.02				1.0
DHRM	HZ	650	136	EP	1805	23.87 0.12				1.0
DHRM	HN	650	136	ES	1806	25.08 0.09				1.0
DHRM	HN	650	136	IAML	1806	28.93	1516	0.6		
DHRM	HE	650	136	IAML	1806	28.95	1067	0.2		
SDNR	BZ	747	137	EP	1805	34.49-0.87				1.0
SDNR	BN	747	137	ES	1806	45.01-0.07				1.0
SDNR	BN	747	137	IAML	1806	46.90	386	0.3		
SDNR	BE	747	137	IAML	1806	47.09	246	0.4		
SMLA	HZ	798	137	EP	1805	40.73-0.73				1.0
SMLA	HN	798	137	ES	1806	56.20 0.57				1.0
SMLA	HE	798	137	IAML	1807	00.26	557	0.7		
SMLA	HN	798	137	IAML	1807	00.54	371	0.4		
JOSI	BZ	1000	129	EP	1806	05.89 0.08				1.0
JOSI	BN	1000	129	ES	1807	37.77 0.02				1.0
JOSI	BN	1000	129	IAML	1807	41.74	65	0.3		
NDI	HE	1023	147	ES	1807	42.23-0.40				1.0
NDI	HN	1023	147	IAML	1807	46.76	73	0.2		
NDI	HE	1023	147	IAML	1807	48.91	87	0.1		
NPL	BN	1025	147	ES	1807	43.03-0.01				1.0
NPL	BN	1025	147	IAML	1807	45.64	206	0.4		
NPL	BE	1025	147	IAML	1807	47.85	194	0.3		
AYAN	BZ	1039	148	EP	1806	10.62 0.09				1.0
AYAN	BN	1039	148	ES	1807	46.07 0.15				1.0
AYAN	BN	1039	148	IAML	1807	49.62	70	0.2		
AYAN	BE	1039	148	IAML	1807	51.88	68	0.9		
JASL	BZ	1069	183	EP	1806	14.23 0.11				1.0
JASL	BN	1069	183	ES	1807	52.32 0.19				1.0
JASL	BN	1069	183	IAML	1807	56.04	151	0.4		
JASL	BE	1069	183	IAML	1807	58.00	193	0.3		
MUKT	HZ	1094	134	EP	1806	17.54 0.09				1.0
MUKT	HN	1094	134	ES	1807	57.92 0.03				1.0
MUKT	HN	1094	134	IAML	1808	03.48	149	0.5		
MUKT	HE	1094	134	IAML	1808	04.75	110	0.4		
PTH	BZ	1120	131	EP	1806	20.34 0.09				1.0
PTH	BE	1120	131	ES	1808	02.55-0.18				1.0
PTH	BN	1120	131	IAML	1808	08.62	60	0.6		
PTH	BE	1120	131	IAML	1808	10.33	52	0.3		
LGTI	BZ	1127	132	EP	1806	21.25 0.03				1.0
LGTI	BN	1127	132	ES	1808	04.69 0.27				1.0
LGTI	BE	1127	132	IAML	1808	07.25	45	0.3		
LGTI	BN	1127	132	IAML	1808	08.72	52	0.8		
JODH	HZ	1150	172	EP	1806	24.04 0.09				1.0
JODH	HN	1150	172	ES	1808	08.85-0.29				1.0
JODH	HE	1150	172	IAML	1808	14.01	158	0.2		
JODH	HN	1150	172	IAML	1808	14.89	77	0.4		
AJM	BZ	1161	164	EP	1806	25.21-0.03				1.0
AJM	BE	1161	164	ES	1808	11.47 0.10				1.0
AJM	BE	1161	164	IAML	1808	16.80	45	0.5		
AJM	BN	1161	164	IAML	1808	18.01	36	0.3		

September 7 2023 Hour: 18:51 27.6 Lat: 36.70N Lon: 71.05E Depth:185 Agency: NCS Local
Magnitudes: 3.7ML NCS 3.7MW NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	556	140	EP		1852	42.32	0.63							1.0
JMU	BN	556	140	ES		1853	35.46-0.29								1.0
JMU	BN	556	140	IAML		1853	41.50			300	0.5				
JMU	BE	556	140	IAML		1853	41.61			151	0.7				
UDMP	HZ	561	137	EP		1852	42.21-0.11								1.0
UDMP	HN	561	137	ES		1853	36.72-0.12								1.0
THN	BZ	643	136	EP		1852	52.26 0.37								1.0
THN	BN	643	136	ES		1853	54.45 1.06								1.0

DHRM	HN	690	134	ES	1854	02.77-0.37											1.0
DHRM	HN	690	134	IAML	1854	06.50		290	0.3								
DHRM	HE	690	134	IAML	1854	07.46		209	0.6								
SDNR	BZ	787	135	EP	1853	08.06-0.86											1.0
SDNR	BN	787	135	ES	1854	21.86-1.00											1.0
SDNR	BN	787	135	IAML	1854	24.96		39	0.2								
SDNR	BE	787	135	IAML	1854	26.48		25	0.3								
SMLA	HZ	838	136	EP	1853	15.07 0.15											1.0
SMLA	HN	838	136	ES	1854	33.22-0.01											1.0
SMLA	HN	838	136	IAML	1854	35.97		76	0.3								
SMLA	HE	838	136	IAML	1854	38.40		73	0.5								
MUKT	HZ	1135	133	EP	1853	50.52-0.21											1.0
MUKT	HN	1135	133	ES	1855	35.92 0.73											1.0
MUKT	HN	1135	133	IAML	1855	41.81		14	0.5								
MUKT	HE	1135	133	IAML	1855	42.79		10	0.4								
DHRM	HZ	690	134	EP	1852	57.55 0.03											1.0

September 7 2023 Hour: 20:17 12.4 Lat: 23.90N Lon: 92.96E Depth: 80 Agency: NCS Local
Magnitudes: 3.1ML NCS 3.1MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
CMPI	HZ	58	141	EP		2017	27.13	0.49							1.0
CMPI	HN	58	141	ES		2017	36.96-0.09								1.0
CMPI	HN	58	141	IAML		2017	38.81			654	0.3				
CMPI	HE	58	141	IAML		2017	40.71			462	0.4				
SILR	SZ	98	351	EP		2017	30.64	0.48							1.0
SILR	SN	98	351	ES		2017	42.45-0.69								1.0
SILR	SN	98	351	IAML		2017	45.90			702	0.4				
SILR	SE	98	351	IAML		2017	46.42			666	0.6				
KOHI	SZ	232	30	EP		2017	45.74	0.21							1.0
KOHI	SN	232	30	ES		2018	10.06	0.32							1.0
KOHI	SE	232	30	IAML		2018	11.30			68	0.7				
KOHI	SN	232	30	IAML		2018	12.63			63	0.5				
TEZP	SZ	301	357	EP		2017	53.31-0.39								1.0
TEZP	SN	301	357	ES		2018	23.97	0.10							1.0
TEZP	SN	301	357	IAML		2018	31.03			87	0.2				
TEZP	SE	301	357	IAML		2018	31.65			70	0.0				
MOKO	SZ	310	30	EP		2017	54.20-0.73								1.0
TAWA	SZ	423	345	EP		2018	07.85-0.65								1.0
TAWA	SN	423	345	ES		2018	50.43	0.95							1.0
TAWA	SE	423	345	IAML		2018	52.24			104	0.5				
TAWA	SN	423	345	IAML		2018	53.63			92	0.5				

September 8 2023 Hour: 9:9 15.6

Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		0928	31.43								
DDI	HZ			EP		0928	26.65								
HYB	HZ			EP		0928	14.69								
SHL	HZ			EP		0927	57.08								
VISK	HZ			EP		0928	09.47								
SMLA	HZ			EP		0928	28.20								
GTK	SZ			EP		0923	55.14								
GUWA	SZ			EP		0923	42.88								
IMP	SZ			EP		0923	30.62								
ITAN	SZ			EP		0923	34.71								
JORH	HZ			EP		0923	32.67								
KOHI	SZ			EP		0923	30.62								
MOKO	SZ			EP		0923	30.62								
SILR	SZ			EP		0923	32.67								
ZIRO	SZ			EP		0923	34.71								
TAWA	SZ			EP		0923	48.19								
AJM	BZ			EP		0924	36.12								
ALCI	BZ			EP		0924	44.32								
COBR	BZ			EP		0923	51.01								
JPG	BZ			EP		0923	59.21								

BWNR	BZ	EP	0923	51.01
JMUI	BZ	EP	0924	01.26
BNDA	BZ	EP	0924	17.67
BRCH	BZ	EP	0924	17.67
HNLY	BZ	EP	0924	42.27
BLSP	BZ	EP	0924	04.19
JHNI	BZ	EP	0924	27.31
JMU	BZ	EP	0924	53.67
KLP	BZ	EP	0923	21.92
THN	BZ	EP	0924	47.77
PTH	BZ	EP	0924	25.28
STMR	BZ	EP	0924	06.89
VJD	BZ	EP	0923	54.62
RAGD	BZ	EP	0923	50.53
SALM	BZ	EP	0923	58.71
KAD	BZ	EP	0924	19.15
SRGN	BZ	EP	0924	29.37
NDI	HZ	EP	0924	37.55
VAR	BZ	EP	0924	04.84
UDPR	BZ	EP	0924	47.12
LDR	HZ	EP	0924	35.51
UTK	BZ	EP	0924	29.37

September 8 2023 Hour: 13:22 58.1

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
DHRM	HZ			EP		1325	04.92								
DHRM	HN			ES		1326	11.04								
SMLA	HZ			EP		1325	20.25								
SMLA	HN			ES		1326	40.85								
UDMP	HE			ES		1325	45.56								
UDMP	HZ			EP		1324	32.34								
BHK	BN			ES		1326	25.00								
ALCI	BE			ES		1325	56.67								

September 8 2023 Hour: 19:33 28.4 Lat: 31.10N Lon: 95.77E Depth: 10F Agency: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	438	206	EP		1934	27.85	0.67							1.0
ZIRO	SE	438	206	ES		1935	09.85	-0.82							1.0
ZIRO	SE	438	206	IAML		1935	14.88			1312	0.6				
ITAN	SZ	482	205	EP		1934	32.69	0.19							1.0
ITAN	SE	482	205	ES		1935	19.88	-0.05							1.0
ITAN	SE	482	205	IAML		1935	39.08			763	1.1				
ITAN	SN	482	205	IAML		1935	40.26			669	0.6				
JORH	HZ	505	197	EP		1934	34.20	-1.13							1.0
TAWA	SN	543	225	EP		1934	40.38	0.45							1.0
TAWA	SE	543	225	ES		1935	33.77	0.92							1.0
TAWA	SN	543	225	IAML		1935	42.08			542	1.0				
TAWA	SE	543	225	IAML		1935	44.63			537	1.0				
MOKO	SZ	544	193	EP		1934	41.01	0.88							1.0
KOHI	SZ	618	196	EP		1934	49.10	-0.04							1.0
GUWA	SZ	674	217	EP		1934	55.80	-0.03							1.0
SHL	HZ	723	213	EP		1934	59.76	-2.08							1.0
GTK	SZ	813	241	EP		1935	12.04	-0.35							1.0
CMPI	HZ	877	197	EP		1935	21.30	1.39							1.0

September 8 2023 Hour: 22:11 8.9 Lat: 30.97N Lon: 7.35W Depth: 48 Agency: NCS Distant
Magnitudes: 6.8Mb NCS 7.3MW NCS Rms: 1.3 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BNDA	BZ			EP		2222	47.85								
PALG	HZ			EP		2222	27.61								
AMRT	HZ			EP		2222	07.97								
HRYA	BZ			EP		2222	54.92								
HRYA	BZ			IAMB		2222	57.68			5467	4.3				

KNL	HZ			EP	2223	03.14			
KDGU	HZ			EP	2223	02.21			
MUKT	HZ			EP	2222	33.74			
JODH	HZ			EP	2222	11.26			
HRYA	BN			ES	2232	33.86			
BKNR	BN			ES	2231	05.78			
CHUR	HZ			EP	2222	15.04			
CHUR	HZ			IAmb	2222	18.15	1104	2.0	
MYSR	HZ			IAmb	2223	10.29	1611	4.2	
KLBG	HZ			IAmb	2222	57.47	2141	3.2	
BISR	BZ			EP	2222	26.02			
BISR	BZ			IAmb	2222	30.12	652	3.7	
KLBG	HZ			EP	2222	53.03			
MNGI	BZ			IAmb	2222	59.99	415	1.3	
BARM	HZ			EP	2222	05.40			
BARM	HZ			IAmb	2222	08.30	2808	2.5	
MNGI	BZ			EP	2222	57.92			
JPR	HZ			EP	2222	24.23			
JPR	HZ			IAmb	2222	33.19	999	3.3	
BKNR	BZ			EP	2222	06.03			
SRGN	BZ			EP	2222	05.96			
CHT	HZ			EP	2223	17.03			
NPL	BZ			EP	2222	25.11			
TPTI	HZ			EP	2223	15.86			
RAJM	HZ			EP	2223	19.10			
RAIP	HZ			EP	2223	00.94			
CMPI	HZ			EP	2223	48.83			
JPG	BZ			EP	2223	22.10			
JPG	BN			ES	2233	30.75			
PWAL	BZ			EP	2222	27.25			
UJWA	BZ			EP	2222	23.91			
SRAT	HZ			EP	2222	24.40			
JGDP	HZ			EP	2223	12.86			
STMR	BZ			EP	2223	07.51			
JMIU	BZ			EP	2222	25.09			
UDMP	HZ			EP	2222	03.27			
JBPL	HZ			EP	2222	50.22			
CNWR	HZ			EP	2222	51.01			
SLPR	HZ			EP	2222	49.21			
BNDA	BN			ES	2232	24.73			
LKN	BZ			EP	2222	48.38			
ATP	HZ			EP	2223	04.97			
MYSR	HZ			EP	2223	04.85			
BISR	BN			ES	2231	45.74			
JMIU	BN			ES	2231	42.65			
JASL	BZ	7479	71	EP	2221	59.88	1.22		1.0
JASL	BN	7479	71	ES	2230	53.49	2.65		1.0
SRIN	BZ	7509	63	EP	2221	59.80-0.39			1.0
BHUJ	HZ	7535	76	EP	2222	03.01	1.15		1.0
BHUJ	HZ	7535	76	IAmb	2222	06.78		1370	3.6
BHUJ	HZ	7535	76	ES	2230	57.47	0.56		1.0
JMU	BZ	7574	64	EP	2222	05.11	1.23		1.0
JMU	BZ	7574	64	IAmb	2222	07.62		2691	2.8
JMU	BN	7574	64	ES	2231	01.69	0.93		1.0
UDPR	BZ	7581	64	EP	2222	19.50	15.2		0.0
THN	BZ	7657	64	EP	2222	08.70	0.06		1.0
ALCI	BZ	7702	62	EP	2222	10.34-0.73			1.0
ALCI	BZ	7702	62	IAmb	2222	16.24		2835	2.9
ALCI	BN	7702	62	ES	2231	13.72-0.72			1.0
DHRM	HZ	7715	64	EP	2222	11.92-0.21			1.0
DHRM	HZ	7715	64	IAmb	2222	15.22		1163	3.0
DHRM	HN	7715	64	ES	2231	13.77-2.62			1.0
BHK	BZ	7763	65	EP	2222	14.02-0.54			1.0
BHK	BN	7763	65	ES	2231	22.17	1.10		1.0

SDNR	BZ	7807	65	EP	2222	16.51-0.49			1.0
AJM	BN	7838	70	ES	2231	30.36	1.26		1.0
SMLA	HZ	7841	65	EP	2222	19.15	0.18		1.0
SMLA	HZ	7841	65	IAmb	2222	31.46		1118 12.3	
SMLA	HZ	7841	65	ES	2231	30.59	1.13		1.0
DDI	HZ	7956	65	EP	2222	25.65	0.44		1.0
DDI	HZ	7956	65	IAmb	2222	28.70		1064 2.7	
DDI	HZ	7956	65	ES	2231	39.53-1.86			1.0
NDI	HZ	7962	67	EP	2222	24.82-0.61			1.0
AYAN	BZ	7963	67	EP	2222	23.86-1.63			1.0
AYAN	BZ	7963	67	IAmb	2222	51.86		1421 14.7	
AYAN	BN	7963	67	ES	2231	40.75-1.21			1.0
LDR	HZ	7966	67	EP	2222	25.28-0.41			1.0
BOM	BZ	8043	78	EP	2222	28.78-1.15			1.0
BOM	BZ	8043	78	IAmb	2222	33.73		1664 2.5	
BOM	BN	8043	78	ES	2231	47.49-2.96			1.0
JOSI	BZ	8075	65	EP	2222	32.47	0.68		1.0
JOSI	BZ	8075	65	IAmb	2222	35.93		513 5.0	
JOSI	BN	8075	65	ES	2231	56.99	3.03		1.0
PTH	BZ	8180	65	EP	2222	37.61	0.27		1.0
JHNI	BZ	8237	70	EP	2222	40.16	0.00		1.0
JHNI	BZ	8237	70	IAmb	2222	43.04		2307 2.2	
JHNI	BN	8237	70	ES	2232	07.23-2.84			1.0
BHPL	HZ	8249	72	EP	2222	41.06	0.18		1.0
BHPL	HZ	8249	72	IAmb	2222	44.69		1008 3.5	
BHPL	HZ	8249	72	ES	2232	08.98-2.47			1.0
KAD	BZ	8253	79	EP	2222	40.97-0.22			1.0
GOA	HZ	8314	81	EP	2222	44.96	0.65		1.0
GOA	HZ	8314	81	IAmb	2222	48.71		1147 3.1	
GOA	HZ	8314	81	ES	2232	20.76	2.71		1.0
BRCH	BZ	8400	66	EP	2222	49.39	0.75		1.0
BRCH	BZ	8400	66	IAmb	2223	03.00		15048 2.3	
BRCH	BN	8400	66	ES	2232	27.71	1.31		1.0
VLK	BZ	8613	66	EP	2222	59.12-0.32			1.0
VAR	BZ	8645	68	EP	2223	00.26-0.80			1.0
HYB	HZ	8656	77	EP	2223	01.78-0.02			1.0
HYB	HZ	8656	77	IAmb	2223	05.14		1118 3.2	
HYB	HN	8656	77	ES	2232	51.60-0.21			1.0
VJD	BZ	8899	77	EP	2223	12.54-1.16			1.0
SALM	BZ	8934	82	EP	2223	12.54-2.90			1.0
JMUI	BZ	8947	67	EP	2223	16.14	0.21		1.0
JMUI	BN	8947	67	ES	2233	16.87-2.43			1.0
KNKR	BZ	8992	77	EP	2223	07.49-10.8			0.0
KNKR	BZ	8992	77	IAmb	2223	11.10		1879 1.4	
RAGD	BZ	9010	73	EP	2223	18.51-0.54			1.0
GTK	SZ	9021	64	EP	2223	19.39-0.29			1.0
GTK	SZ	9021	64	IAmb	2223	23.59		2964 2.5	
MDRS	HZ	9050	80	EP	2223	21.46	0.49		1.0
MDRS	HZ	9050	80	IAmb	2223	25.33		1632 3.1	
MDRS	HZ	9050	80	ES	2233	30.00	0.88		1.0
SHBG	BZ	9054	66	EP	2223	21.49	0.46		1.0
VISK	HZ	9081	74	EP	2223	22.84	0.39		1.0
VISK	HZ	9081	74	IAmb	2223	36.25		2197 14.0	
BWNR	BZ	9165	71	EP	2223	26.60	0.24		1.0
BWNR	BZ	9165	71	IAmb	2223	30.60		2512 3.4	
BWNR	BN	9165	71	ES	2233	41.45	1.78		1.0
CAL	BZ	9266	68	EP	2223	32.75	1.75		1.0
CAL	BN	9266	68	ES	2233	47.59-0.00			1.0
TAWA	SZ	9283	62	EP	2223	32.07	0.29		1.0
TAWA	SZ	9283	62	IAmb	2223	36.45		1718 1.8	
GUWA	SZ	9349	63	EP	2223	34.45-0.35			1.0
GUWA	SZ	9349	63	IAmb	2223	39.70		1039 1.3	
SHL	HZ	9400	64	EP	2223	37.36	0.01		1.0
SHL	HZ	9400	64	IAmb	2223	40.48		1120 2.2	

ZIRO	SZ	9454	61	EP	2223	40.13	0.37									1.0
ZIRO	SZ	9454	61	IAmb	2223	43.26			1802	2.4						
ITAN	SZ	9465	61	EP	2223	40.37	0.31									1.0
ITAN	SZ	9465	61	IAmb	2223	43.84			2488	2.5						
BELO	SZ	9499	66	EP	2223	43.05	1.45									1.0
BELO	SZ	9499	66	IAmb	2223	46.11			3412	3.5						
SILR	SZ	9527	64	EP	2223	43.79	0.98									1.0
SILR	SZ	9527	64	IAmb	2223	47.69			2291	4.7						
JORH	HZ	9534	61	EP	2223	42.32	-0.78									1.0
JORH	HZ	9534	61	IAmb	2223	46.49			2854	2.4						
KOHI	SZ	9582	62	EP	2223	45.25	-0.24									1.0
KOHI	SZ	9582	62	IAmb	2223	48.77			1375	3.0						

September 8 2023 Hour: 22:50 10.5 Lat: 25.92N Lon: 90.74E Depth: 25F Agency: 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
GUWA	SZ	99	72	EP		2250	26.05	0.02							1.0
GUWA	SN	99	72	ES		2250	38.07	0.59							1.0
GUWA	SN	99	72	IAML		2250	38.70			527	0.2				
GUWA	SE	99	72	IAML		2250	38.76			595	0.3				
TAWA	SZ	216	31	EP		2250	40.34	-0.21							1.0
TAWA	SE	216	31	ES		2251	02.02	-0.74							1.0
TAWA	SE	216	31	IAML		2251	03.34			784	0.2				
KOHI	SZ	338	93	EP		2250	55.01	-0.79							1.0
KOHI	SE	338	93	ES		2251	28.77	-0.52							1.0
ZIRO	SZ	356	59	EP		2250	59.54	1.58							1.0
ZIRO	SN	356	59	ES		2251	33.13	0.08							1.0
ZIRO	SE	356	59	IAML		2251	36.76			263	0.3				
ZIRO	SN	356	59	IAML		2251	37.56			241	0.2				

September 9 2023 Hour: 3:23 16.4 Lat: 30.55N Lon: 95.62E Depth: 10F Agency: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	376	208	EP		0324	07.73	0.11							1.0
ZIRO	SN	376	208	ES		0324	46.10	0.60							1.0
ZIRO	SN	376	208	IAML		0324	55.58			456	0.8				
ITAN	SZ	420	207	EP		0324	11.90	-1.14							1.0
MOKO	SZ	480	193	EP		0324	22.08	1.58							1.0
TAWA	SZ	490	229	EP		0324	21.66	0.07							1.0
KOHI	SZ	555	196	EP		0324	28.77	-0.75							1.0
KOHI	SN	555	196	ES		0325	22.98	-0.61							1.0
KOHI	SN	555	196	IAML		0325	28.14			275	0.6				
GUWA	SZ	617	220	EP	*	0324	31.38	-5.53							0.0
CMPI	HZ	814	197	EP		0325	00.65	0.13							1.0

September 9 2023 Hour: 6:11 34.7 Lat: 35.62N Lon: 77.50E Depth: 10F Agency: 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
ALCI	BZ	159	191	EP		0612	01.16	0.33							1.0
ALCI	BE	159	191	ES		0612	22.29	2.38							1.0
ALCI	BE	159	191	IAML		0612	24.52			2187	0.2				
HNLV	BZ	343	156	EP		0612	23.69	0.40							1.0
UDMP	HZ	372	217	EP		0612	26.74	0.11							1.0
UDMP	HE	372	217	ES		0613	04.39	-0.16							1.0
UDMP	HE	372	217	IAML		0613	07.95			1922	0.3				
THN	BZ	386	204	EP		0612	28.55	0.14							1.0
THN	BN	386	204	ES		0613	08.67	1.04							1.0
THN	BN	386	204	IAML		0613	11.47			110	0.3				
DHRM	HZ	390	197	EP		0612	29.35	-0.27							1.0
DHRM	HN	390	197	ES		0613	07.55	-2.17							1.0
SDNR	BZ	456	187	EP		0612	36.11	-0.85							1.0
BHK	BZ	480	193	EP		0612	39.38	-0.47							1.0
BHK	BE	480	193	ES		0613	26.94	-0.47							1.0
BHK	BE	480	193	IAML		0613	28.69			202	0.1				

SMLA HZ	499	184	EP	*0612	40.99-1.47											0.0
SMLA HE	499	184	ES	0613	29.30-1.16											1.0
SMLA HN	499	184	IAML	0613	31.69					169	0.2					

September 9 2023 Hour: 10:18 31.1 Lat: 24.70N Lon: 92.72E Depth: 60 Agency: NCS Local
Magnitudes: 4.6ML NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SILR	SZ	12	44	EP		1018	39.06-1.09								1.0
SILR	SN	12	44	ES		1018	45.95-0.78								1.0
IMP	SN	125	83	EP		1018	51.62 0.92								1.0
IMP	SN	125	83	ES		1019	05.50 0.51								1.0
IMP	SN	125	83	IAML		1019	09.37		4048	0.5					
CMPI	HZ	147	156	EP		1018	53.84 0.33								1.0
KOHI	SN	180	51	EP		1018	57.19-0.56								1.0
KOHI	SN	180	51	ES		1019	16.39-0.79								1.0
KOHI	SN	180	51	IAML		1019	17.27		4939	0.5					
GUWA	SZ	195	328	EP		1018	58.43-0.59								1.0
GUWA	SN	195	328	ES		1019	18.01-1.38								1.0
GUWA	SN	195	328	IAML		1019	19.35		31662	0.3					
BELO	SZ	207	219	EP		1019	01.67 1.21								1.0
MOKO	SZ	254	45	EP		1019	07.04 0.32								1.0
TURA	SZ	267	290	EP		1019	07.81-0.05								1.0
TURA	SE	267	290	ES		1019	35.06 0.39								1.0
JORH	HZ	273	34	EP		1019	07.91-0.62								1.0
JORH	HN	273	34	ES		1019	36.66 0.83								1.0
ITAN	SZ	288	20	EP		1019	10.09-0.35								1.0
ITAN	SN	288	20	ES		1019	40.06 0.92								1.0
ITAN	SN	288	20	IAML		1019	41.43		5224	0.2					
TAWA	SZ	331	345	EP		1019	16.72 0.43								1.0
ZIRO	SZ	333	20	EP		1019	15.45-0.32								1.0
ZIRO	SN	333	20	ES		1019	49.44 1.08								1.0
ZIRO	SN	333	20	IAML		1019	51.10		6364	0.4					
COBR	BZ	372	299	EP		1019	21.34 0.81								1.0
COBR	BE	372	299	ES		1019	57.71 1.12								1.0
COBR	BE	372	299	IAML		1020	00.76		3894	0.5					
GTK	SZ	504	306	EP		1019	38.19 1.04								1.0
GTK	SE	504	306	ES		1020	26.04 0.70								1.0
SHBG	BZ	517	278	EP		1019	38.43 0.23								1.0
SHBG	BE	517	278	ES		1020	28.21 1.05								1.0
JMUI	BZ	657	274	EP		1019	57.06 1.80								1.0
JMUI	BN	657	274	ES		1020	55.27-1.40								1.0
JMUI	BN	657	274	IAML		1021	01.00		1548	0.5					
BOKR	HZ	701	263	EP		1020	01.62 0.86								1.0
BOKR	HE	701	263	ES		1021	08.13 1.93								1.0
BOKR	HN	701	263	IAML		1021	10.44		444	0.4					
JBPL	HZ	1311	265	EP		1021	13.20-1.83								1.0
PTH	BZ	1353	296	EP		1021	19.12-1.61								1.0
MUKT	HZ	1398	295	EP		1021	24.03-1.89								1.0
JHNI	BZ	1425	276	EP		1021	26.64-2.17								1.0
CNWR	HZ	1439	261	EP		1021	29.48-1.07								1.0

September 9 2023 Hour: 22:47 43.7

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ			EP		2248	01.86								
GUWA	SZ			EP		2248	11.41								
GTK	SZ			EP		2248	09.66								
SHL	HZ			EP		2248	20.71								

September 10 2023 Hour: 0:10 49.3 Lat: 30.65N Lon: 95.06E Depth: 10F Agency: NCS Local
Magnitudes: 4.0ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	366	199	EP		0011	42.32	1.84							1.0
ZIRO	SE	366	199	ES		0012	18.55	0.69							1.0
ITAN	SZ	410	199	EP		*0011	50.93	5.03							0.0
ITAN	SE	410	199	ES		0012	27.86	-4.41							1.0
ITAN	SE	410	199	IAML		0012	38.40			187	0.7				
TAWA	SZ	460	223	EP		0011	52.82	0.19							1.0
TAWA	SE	460	223	ES		0012	40.18	1.30							1.0
TAWA	SN	460	223	IAML		0012	45.64			2529	0.7				
MOKO	SZ	483	186	EP		0011	54.09	-1.12							1.0
KOHI	SZ	554	190	EP		0012	02.51	-1.49							1.0
KOHI	SN	554	190	ES		0012	58.77	0.21							1.0
KOHI	SN	554	190	IAML		0013	03.52			753	0.6				
GUWA	SZ	594	215	EP		0012	07.38	-0.95							1.0
GTK	SZ	730	241	EP		0012	24.82	-0.60							1.0
TURA	SZ	741	221	EP		0012	25.29	-1.04							1.0
CMPI	HZ	811	193	EP		0012	34.83	-0.28							1.0
CMPI	HN	811	193	ES		0013	53.63	1.26							1.0
CMPI	HN	811	193	IAML		0014	04.39			45	0.8				

September 10 2023 Hour: 4:1 39.6

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	107	189	EP		0401	56.26	-0.61							1.0
TAWA	SZ	233	246	EP		0402	14.13	0.07							1.0
MOKO	SZ	244	168	EP		0402	14.69	-0.83							1.0
KOHI	SZ	306	178	EP		0402	23.15	-0.03							1.0
GUWA	SZ	343	223	EP		0402	26.60	-0.99							1.0
IMP	SZ	405	181	EP		0402	35.67	0.24							1.0
GTK	SZ	549	258	EP		0402	53.23	0.24							1.0
ITAN	SZ			EP		0402	03.70								
CMPI	HZ			EP		0402	53.43								

September 10 2023 Hour: 5:20 15.7

Agency: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ			EP		0522	11.38								
UDMP	HE			ES		0522	57.28								
DHRM	HZ			EP		0522	18.30								
THN	BN			ES		0523	12.92								
JMU	BE			ES		0522	57.46								
HNLY	BZ			EP		0522	35.68								
SDNR	BZ			EP		0522	27.41								
LGTI	BZ			EP		0523	09.98								
LGTI	BN			ES		0524	45.90								
JOSI	BN			ES		0524	26.50								
SDNR	BE			ES		0523	36.72								
UDMP	HZ			EP		0522	04.73								
JMU	BZ			EP		0522	05.05								
BHK	BE			ES		0523	35.77								
DHRM	HN			ES		0523	18.98								
ALCI	BN			ES		0523	08.12								

September 10 2023 Hour: 11:11 32.9 Lat: 30.32N Lon: 79.85E Depth: 5F Agency: NCS Local
Magnitudes: 2.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JOSI	BZ	38	313	EP		1111	40.70	0.93							1.0
JOSI	BN	38	313	ES		1111	44.08	-0.69							1.0
JOSI	BN	38	313	IAML		1111	44.24			161	0.3				
PTH	BZ	88	157	EP		1111	47.80	-1.09							1.0
MUKT	HZ	97	191	EP		1111	50.03	-0.12							1.0
LGTI	BZ	105	167	EP		1111	52.83	0.97							1.0

September 10 2023 Hour: 19:58 59.5 Lat: 9.22N Lon: 84.49E Depth: 50F Agency: NCS Local
Magnitudes: 4.6ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MDRS	HZ	629	312	EP		2000	21.28	1.14							1.0
MDRS	HN	629	312	ES		2001	18.80	-0.21							1.0
MDRS	HN	629	312	IAML		2001	19.81			3652	0.3				
TPTI	HZ	729	313	EP		2000	34.22	1.84							1.0
TPTI	HN	729	313	ES		2001	40.42	0.24							1.0
TPTI	HN	729	313	IAML		2001	41.88			511	0.2				
SALM	BZ	744	292	EP		2000	35.24	0.96							1.0
SALM	BN	744	292	ES		2001	43.17	-0.31							1.0
SALM	BN	744	292	IAML		2001	45.67			76	0.3				
CHT	HZ	801	275	EP		2000	40.82	-0.42							1.0
CHT	HE	801	275	ES		2001	55.95	0.44							1.0
CHT	HN	801	275	IAML		2001	57.26			160	0.1				
VJD	BZ	908	333	EP		2000	54.94	0.66							1.0
VJD	BE	908	333	ES		2002	18.47	0.40							1.0
VJD	BN	908	333	IAML		2002	22.89			3322	0.3				
MYSR	HZ	935	293	EP		2000	58.02	0.51							1.0
MYSR	HN	935	293	ES		2002	23.51	-0.15							1.0
MYSR	HN	935	293	IAML		2002	26.57			1525	0.4				
VISK	HZ	949	353	EP		2000	59.56	0.35							1.0
VISK	HN	949	353	ES		2002	27.85	1.25							1.0
VISK	HN	949	353	IAML		2002	33.61			802	0.3				
ATP	HZ	954	309	EP		2001	00.08	0.17							1.0
ATP	HN	954	309	ES		2002	27.22	-0.59							1.0
ATP	HN	954	309	IAML		2002	29.92			1081	0.3				
KDGU	HZ	1005	292	EP		2001	07.33	1.13							1.0
KDGU	HN	1005	292	ES		2002	38.44	-0.25							1.0
KNL	HZ	1007	317	EP		2001	07.07	0.63							1.0
KNL	HN	1007	317	ES		2002	39.78	0.68							1.0
HYB	HZ	1111	325	EP		2001	19.43	0.25							1.0
HYB	HE	1111	325	ES		2003	00.85	-0.30							1.0
HYB	HN	1111	325	IAML		2003	02.82			32	0.2				
RAGD	BZ	1115	354	EP		2001	19.15	-0.35							1.0
RAGD	BN	1115	354	ES		2003	02.61	0.91							1.0
RAGD	BN	1115	354	IAML		2003	14.69			312	0.2				
JGDP	HZ	1122	347	EP		2001	20.99	0.55							1.0
KNKR	BZ	1264	346	EP		2001	37.29	-0.47							1.0
KAD	BZ	1430	310	EP		2001	56.44	-1.58							1.0
KAD	BE	1430	310	ES		2004	06.87	-1.47							1.0
CNWR	HZ	1539	338	EP		2002	08.63	-2.56							1.0
JBPL	HZ	1621	343	EP		2002	18.99	-1.97							0.9
BHPL	HZ	1725	335	EP		2002	30.88	-2.64							0.9

September 10 2023 Hour: 22:18 53.8 Lat: 30.82N Lon: 78.15E Depth: 5F Agency: 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
BHK	BZ	181	291	EP		2219	22.89	-0.13							1.0
BHK	BE	181	291	ES		2219	43.70	-0.65							1.0
BHK	BN	181	291	IAML		2219	46.69			195	0.5				
MUKT	HZ	209	136	EP		2219	28.27	1.44							1.0
MUKT	HE	209	136	ES		2219	50.04	-0.90							1.0
MUKT	HN	209	136	IAML		2219	53.07			65	0.7				
PTH	BZ	240	124	EP		2219	32.51	1.59							1.0
PTH	BN	240	124	ES		2219	57.34	-0.67							1.0
PTH	BN	240	124	IAML		2220	01.99			316	0.3				
LGTI	BZ	244	130	EP		2219	31.37	-0.17							1.0
LGTI	BN	244	130	ES		2219	58.22	-0.86							1.0
LGTI	BN	244	130	IAML		2220	03.84			310	0.3				
NDI	HZ	254	201	EP		2219	32.61	0.69							1.0
NDI	HE	254	201	ES		2219	59.92	0.17							1.0
NDI	HN	254	201	IAML		2220	03.01			28	0.4				

NPL	BZ	260	202	EP	2219	32.52-0.17	1.0
AYAN	BZ	277	201	EP	2219	34.55-0.34	1.0

September 11 2023 Hour: 7:15 52.0 Lat: 17.72N Lon: 77.12E Depth: 18 Agency: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KLBG	HZ	53	215	EP		0716	01.69-0.09								1.0
SLPR	HZ	127	268	EP		0715	48.56-24.5								0.0
SLPR	HN	127	268	ES		0716	30.07 1.58								0.0
SLPR	HN	127	268	IAML		0716	33.95		166	0.3					
HING	HZ	215	359	EP		0716	23.41-0.37								1.0
HING	HN	215	359	ES		*0716	46.53-0.45								0.0
HING	HN	215	359	IAML		0716	48.07		67	0.2					
KNL	HZ	237	156	EP		0716	27.48 1.00								1.0
KNL	HE	237	156	ES		0716	51.46-0.18								1.0
KNL	HN	237	156	IAML		0716	55.79		78	0.3					
BLRY	HZ	283	198	EP		0716	30.95-1.06								1.0
KAD	BZ	315	262	EP		0716	36.69 0.69								1.0
KAD	BN	315	262	ES		*0717	19.72 11.6								0.0
KAD	BN	315	262	IAML		0717	26.91		21	0.1					

September 11 2023 Hour: 12:51 38.7 Lat: 1.24N Lon: 128.25E Depth: 251 Agency: NCS Distant
Magnitudes: 6.3Mb NCS Rms: 1.1 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MABH	HZ			EP		1259	47.56								
CMPI	HZ	4503	306	EP		1258	53.21-0.16								1.0
KOHI	SZ	4554	309	EP		1258	56.45-0.97								1.0
KOHI	SZ	4554	309	IAmb		1258	58.46		1493	1.1					
KOHI	SN	4554	309	ES		1304	49.52-1.50								1.0
MOKO	SZ	4555	310	EP		1258	57.23-0.13								1.0
MOKO	SZ	4555	310	IAmb		1258	59.15		1052	1.3					
JORH	HZ	4602	311	EP		1259	00.63 0.31								1.0
JORH	HZ	4602	311	IAmb		1259	02.31		2596	1.2					
JORH	HN	4602	311	ES		1304	53.44-2.88								1.0
SILR	SZ	4617	307	EP		1259	02.52 1.13								1.0
SILR	SZ	4617	307	IAmb		1259	04.12		2016	1.1					
SILR	SN	4617	307	ES		1304	58.01-0.24								1.0
BELO	SZ	4660	304	EP		1259	06.11 1.54								1.0
BELO	SZ	4660	304	IAmb		1259	07.64		1362	1.5					
BELO	SN	4660	304	ES		1305	06.91 2.89								1.0
ITAN	SZ	4670	311	EP		1259	06.11 0.78								1.0
ITAN	SZ	4670	311	IAmb		1259	08.02		2010	1.2					
ITAN	SN	4670	311	ES		1305	03.57-1.83								1.0
ZIRO	SZ	4682	311	EP		1259	06.83 0.67								1.0
ZIRO	SZ	4682	311	IAmb		1259	09.05		1715	1.2					
ZIRO	SE	4682	311	ES		1305	04.34-2.57								1.0
GUWA	SZ	4790	308	EP		1259	13.94 0.00								1.0
GUWA	SZ	4790	308	IAmb		1259	15.80		857	1.3					
TAWA	SZ	4853	310	EP		1259	19.31 0.21								1.0
TAWA	SZ	4853	310	IAmb		1259	22.27		2381	1.2					
TAWA	SN	4853	310	ES		1305	28.42-1.93								1.0
TURA	SZ	4884	307	EP		1259	20.64-0.07								1.0
TURA	SZ	4884	307	IAmb		1259	22.84		1517	1.3					
TURA	SN	4884	307	ES		1305	33.81 0.47								1.0
CAL	BZ	4919	302	EP		1259	24.41 1.33								1.0
CAL	BE	4919	302	ES		1305	38.68 1.02								1.0
COBR	BZ	4992	307	EP		1259	28.54 0.27								1.0
COBR	BN	4992	307	ES		1305	48.35 1.22								1.0
JPG	BZ	5072	307	EP		1259	34.90 1.02								1.0
JPG	BZ	5072	307	IAmb		1259	36.78		559	1.0					
SHBG	BZ	5105	305	EP		1259	36.48 0.27								1.0
GTK	SZ	5120	308	EP		1259	38.42 0.59								1.0
GTK	SZ	5120	308	IAmb		1259	40.45		1472	1.2					
GTK	SN	5120	308	ES		1306	02.36-2.16								1.0

ARIA	BZ	5163	306	EP	1259	42.13	1.88			1.0
ARIA	BZ	5163	306	IAmb	1259	48.31		2095	2.8	
ARIA	BE	5163	306	ES	1306	07.94	-1.06			1.0
KNTI	BZ	5230	301	EP	1259	44.65	-0.32			1.0
KNTI	BN	5230	301	ES	1306	17.15	-0.49			1.0
RAGD	BZ	5272	295	EP	1259	48.85	1.00			1.0
RAGD	BZ	5272	295	IAmb	1259	50.33		1592	1.2	
RAGD	BN	5272	295	ES	1306	25.02	2.11			1.0
RAJM	HZ	5370	292	EP	1259	55.66	1.12			1.0
STMR	BZ	5390	305	EP	1259	55.19	-0.73			1.0
STMR	BZ	5390	305	IAmb	1259	59.88		4391	1.1	
STMR	BN	5390	305	ES	1306	37.87	0.15			1.0
JGDP	HZ	5411	294	EP	1259	58.21	0.83			1.0
VJD	BZ	5483	291	EP	1300	03.03	0.78			1.0
VJD	BN	5483	291	ES	1306	49.33	-0.01			1.0
BLSP	BZ	5495	298	EP	1300	03.35	0.24			1.0
BLSP	BN	5495	298	ES	1306	51.98	1.05			1.0
KNKR	BZ	5501	296	EP	1300	03.25	-0.32			1.0
KNKR	BZ	5501	296	IAmb	1300	05.77		1596	1.5	
KNKR	BN	5501	296	ES	1306	52.76	0.99			1.0
RAIP	HZ	5516	297	EP	1300	03.76	-0.80			1.0
TPTI	HZ	5531	287	EP	1300	05.39	-0.13			1.0
TPTI	HE	5531	287	ES	1306	52.71	-2.65			1.0
VAR	BZ	5537	303	EP	1300	04.80	-1.07			1.0
VAR	BZ	5537	303	IAmb	1300	08.26		2253	1.5	
VLK	BZ	5544	306	EP	1300	05.51	-0.87			1.0
VLK	BN	5544	306	ES	1306	57.49	0.55			1.0
HRYA	BZ	5647	304	EP	1300	14.57	1.28			1.0
HRYA	BZ	5647	304	IAmb	1300	15.85		2555	1.0	
HRYA	BN	5647	304	ES	1307	11.91	2.23			1.0
ALBI	BZ	5649	302	EP	1300	13.83	0.38			1.0
ALBI	BN	5649	302	ES	1307	10.24	0.26			1.0
SALM	BZ	5650	284	EP	1300	13.25	-0.31			1.0
SALM	BE	5650	284	ES	1307	11.14	0.97			1.0
CHT	HZ	5727	282	EP	1300	15.90	-2.72			1.0
KNL	HZ	5739	289	EP	1300	18.65	-0.78			1.0
ATP	HZ	5756	288	EP	1300	19.95	-0.63			1.0
BRCH	BZ	5760	305	EP	1300	22.65	1.85			1.0
BRCH	BZ	5760	305	IAmb	1300	24.14		5342	1.1	
BRCH	BN	5760	305	ES	1307	24.23	0.70			1.0
NGP	BZ	5774	296	EP	1300	21.21	-0.58			1.0
NGP	BZ	5774	296	IAmb	1300	23.89		1020	1.4	
NGP	BN	5774	296	ES	1307	25.45	0.10			1.0
LKN	BZ	5792	303	EP	1300	22.77	-0.21			1.0
LKN	BZ	5792	303	IAmb	1300	25.21		3841	1.4	
LKN	BN	5792	303	ES	1307	28.14	0.60			1.0
BNDA	BZ	5796	302	EP	1300	22.67	-0.54			1.0
BNDA	BN	5796	302	ES	1307	28.42	0.44			1.0
CNWR	HZ	5813	297	EP	1300	23.99	-0.37			1.0
MYSR	HZ	5832	285	EP	1300	25.14	-0.44			1.0
KLBG	HZ	5898	291	EP	1300	28.04	-1.88			1.0
KDGU	HZ	5905	285	EP	1300	30.56	0.13			1.0
AURD	HZ	5907	292	EP	1300	30.51	-0.01			1.0
HING	HZ	5929	294	EP	1300	32.14	0.14			1.0
ASIV	HZ	5968	292	EP	1300	32.41	-2.10			1.0
PTH	BZ	5972	306	EP	1300	34.51	-0.84			1.0
PTH	BZ	5972	306	IAmb	1300	36.79		561	1.4	
PTH	BN	5972	306	ES	1307	49.14	-1.23			1.0
MUKT	HZ	6016	306	EP	1300	37.35	-0.57			1.0
JOSI	BZ	6071	307	EP	1300	42.71	1.40			1.0
JOSI	BZ	6071	307	IAmb	1300	44.16		431	1.1	
JOSI	BN	6071	307	ES	1308	01.25	-0.23			1.0
ASOR	BZ	6159	305	EP	1300	47.22	0.40			1.0
ASOR	BN	6159	305	ES	1308	11.98	0.25			1.0

PWAL	BZ	6175	304	EP	1300	47.78-0.04										1.0
PWAL	BZ	6175	304	IAmb	1300	49.53		1409	1.5							
PWAL	BN	6175	304	ES	1308	14.39 0.79										1.0
JMIU	BE	6196	304	ES	1308	16.33 0.26										1.0
LDR	HZ	6203	304	EP	1300	49.54-0.03										1.0
LDR	HZ	6203	304	IAmb	1300	51.10		720	1.6							
LDR	HN	6203	304	ES	1308	17.92 1.06										1.0
AYAN	BZ	6208	304	EP	1300	49.73-0.20										1.0
AYAN	BZ	6208	304	IAmb	1300	51.49		454	1.3							
NDI	HN	6208	304	ES	1308	16.77-0.64										1.0
AYAN	BN	6208	304	ES	1308	17.02-0.50										1.0
NDI	HZ	6208	304	EP	1300	49.22-0.65										1.0
NPL	BZ	6210	304	EP	1300	49.08-0.91										1.0
NPL	BN	6210	304	ES	1308	17.39-0.25										1.0
UJWA	BZ	6232	304	EP	1300	51.04-0.38										1.0
UJWA	BN	6232	304	ES	1308	21.96 1.66										1.0
PTDI	HE	6234	304	EP	1300	52.54 0.94										1.0
JHJR	BZ	6257	304	EP	1300	52.14-0.88										1.0
JHJR	BZ	6257	304	IAmb	1300	54.76		564	1.3							
NASK	HZ	6332	296	EP	1300	54.29-3.39										1.0
SDNR	BZ	6347	307	EP	1300	57.56-1.15										1.0
AJM	BZ	6371	301	EP	1301	00.60 0.37										1.0
AJM	BZ	6371	301	IAmb	1301	02.08		677	1.0							
AJM	BN	6371	301	ES	1308	37.46 0.75										1.0
BHK	BZ	6388	307	EP	1301	02.39 1.16										1.0
BHK	BZ	6388	307	IAmb	1301	04.54		1990	1.6							
BHK	BN	6388	307	ES	1308	39.25 0.68										1.0
CHUR	HZ	6402	303	EP	1301	02.39 0.27										1.0
UDPR	BZ	6403	298	EP	1301	01.66-0.54										1.0
UDPR	BZ	6403	298	IAmb	1301	04.97		2551	1.2							
UDPR	BN	6403	298	ES	1308	39.91-0.47										1.0
ALCI	BZ	6436	310	EP	1301	04.74 0.30										1.0
ALCI	BZ	6436	310	IAmb	1301	07.51		543	0.8							
ALCI	BN	6436	310	ES	1308	43.54-1.00										1.0
THN	BZ	6480	308	EP	1301	07.86 0.80										1.0
THN	BN	6480	308	ES	1308	49.53 0.08										1.0
AMRT	HZ	6529	307	EP	1301	10.33 0.34										1.0
AMRT	HN	6529	307	ES	1308	54.94-0.00										1.0
BKNR	BZ	6551	302	EP	1301	10.73-0.61										1.0
BKNR	BZ	6551	302	IAmb	1301	13.03		636	1.2							
BKNR	BN	6551	302	ES	1308	57.07-0.40										1.0
SRGN	BZ	6558	305	EP	1301	12.16 0.34										1.0
SRGN	BZ	6558	305	IAmb	1301	13.87		2472	1.3							
UDMP	HZ	6559	308	EP	1301	12.32 0.45										1.0
JMU	BZ	6579	308	EP	1301	14.18 1.09										1.0
JMU	BZ	6579	308	IAmb	1301	16.37		2056	1.1							
JMU	BN	6579	308	ES	1309	01.29 0.54										1.0
BARM	HZ	6661	299	EP	1301	19.06 0.95										1.0

September 11 2023 Hour: 17:31 58.5 Lat: 24.41N Lon: 94.68E Depth: 20F Agency: NCS Local
Magnitudes: 5.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SN	156	339	EP		1732	23.75	0.33							1.0
KOHI	SE	156	339	ES		1732	41.16-0.48								1.0
KOHI	SN	156	339	IAML		1732	49.15		50433	0.6					
SILR	SZ	194	283	EP		1732	27.82	0.32							1.0
SILR	SE	194	283	ES		1732	48.26-0.43								1.0
SILR	SN	194	283	IAML		1732	55.08		17011	0.5					
JORH	HZ	262	351	EP		1732	36.53	0.72							1.0
JORH	HE	262	351	ES		1733	03.26	0.20							1.0
ITAN	SZ	318	343	EP		1732	43.39	0.71							1.0
ITAN	SE	318	343	ES		1733	15.72	0.76							1.0
ITAN	SN	318	343	IAML		1733	17.57		15000	0.6					
BELO	SZ	353	249	EP		1732	47.61	0.72							1.0

BELO	SN	353	249	ES	1733	22.64	0.40									1.0
BELO	SN	353	249	IAML	1733	28.57		89133	0.2							
ZIRO	SN	355	347	EP	1732	47.42	0.21									1.0
ZIRO	SE	355	347	ES	1733	22.61	-0.18									1.0
ZIRO	SN	355	347	IAML	1733	25.33		36801	0.6							
GUWA	SZ	360	304	EP	1732	47.53	-0.20									1.0
GUWA	SN	360	304	ES	1733	22.99	-0.70									1.0
GUWA	SN	360	304	IAML	1733	25.45		10117	0.4							
TAWA	SZ	452	322	EP	1732	59.65	0.05									1.0
TAWA	SN	452	322	ES	1733	43.46	-0.76									1.0
TAWA	SN	452	322	IAML	1733	47.55		32962	0.4							
TURA	SZ	466	286	EP	1733	00.56	-0.18									1.0
COBR	BZ	565	293	EP	1733	13.28	0.51									1.0
COBR	BE	565	293	ES	1734	08.17	1.16									1.0
COBR	BN	565	293	IAML	1734	10.66		9057	0.5							
JPG	BZ	645	293	EP	1733	23.16	0.59									1.0
JPG	BE	645	293	ES	1734	24.95	1.00									1.0
JPG	BN	645	293	IAML	1734	30.29		58243	0.4							
CAL	BZ	681	254	EP	1733	28.85	1.99									1.0
GTK	SZ	689	299	EP	1733	27.78	-0.68									1.0
GTK	SE	689	299	ES	1734	34.76	0.62									1.0
GTK	SN	689	299	IAML	1734	41.54		736	0.5							
SHBG	BZ	718	279	EP	1733	30.78	-0.65									1.0
JMUI	BZ	857	276	EP	1733	46.64	-1.79									1.0
JMUI	BN	857	276	ES	1735	09.83	1.13									1.0
STMR	BZ	980	287	EP	1734	02.49	-0.90									1.0
STMR	BN	980	287	ES	1735	34.36	-0.22									1.0
STMR	BN	980	287	IAML	1735	44.80		2674	1.0							
BWNR	BZ	1021	245	EP	1734	09.95	1.47									1.0
BWNR	BN	1021	245	ES	1735	42.70	-0.69									1.0
BWNR	BN	1021	245	IAML	1735	46.48		745	0.7							
VLK	BN	1128	290	EP	1734	20.42	-1.15									1.0
VLK	BN	1128	290	ES	1736	05.88	-0.16									1.0
VLK	BN	1128	290	IAML	1736	14.71		1967	0.6							
VAR	BZ	1185	277	EP	1734	27.27	-1.16									1.0
VAR	BN	1185	277	ES	1736	18.28	0.38									1.0
RAGD	BZ	1292	246	EP	1734	42.03	0.48									1.0
BRCH	BZ	1354	288	EP	1734	47.50	-1.64									1.0
BNDA	BZ	1453	278	EP	1735	00.38	-0.88									1.0
PTH	BZ	1546	295	EP	*1735	09.41	-3.73									0.0
RAJM	HZ	1560	241	EP	1735	13.28	-0.98									1.0

September 11 2023 Hour: 22: 8 54.9

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VISK	HZ			EP		2213	14.90								
VISK	HE			ES		2216	03.71								
KOHI	SZ			EP		2213	50.44								
ZIRO	SZ			EP		2214	09.67								
ZIRO	SE			ES		2217	58.94								
KOHI	SN			ES		2217	20.18								
SHL	HZ			EP		2214	16.92								
ITAN	SZ			EP		2214	06.09								

September 12 2023 Hour: 11: 3 22.5 Lat: 19.12N Lon: 122.03E Depth: 10F Agency: NCS Distant
Magnitudes: 6.5Mb NCS Rms: 1.2 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ	2960	289	EP		1108	46.71	-1.88							1.0
KOHI	SZ	2960	289	IAMB		1108	49.08			1014	1.8				
IMP	SZ	2963	287	EP		1108	47.36	-0.96							1.0
JORH	HZ	2965	292	EP		1108	47.49	-0.95							1.0
ZIRO	SZ	3021	293	EP		1108	52.60	-0.37							1.0
ZIRO	SZ	3021	293	IAMB		1108	55.69			1855	1.9				
ITAN	SZ	3025	292	EP		1108	53.80	0.48							1.0
ITAN	SZ	3025	292	IAMB		1108	56.74			2765	1.7				

SILR	SZ	3078	287	EP	1108	57.16-0.30			1.0
SHL	HZ	3169	289	EP	1109	05.56 0.29			1.0
SHL	HZ	3169	289	IAmb	1109	08.09	1532	2.1	
BELO	SZ	3203	284	EP	1109	07.87 0.40			1.0
BELO	SZ	3203	284	IAmb	1109	10.77	9378	1.6	
GUWA	SZ	3208	290	EP	1109	06.54-1.28			1.0
GUWA	SZ	3208	290	IAmb	1109	09.77	1482	1.9	
TAWA	SZ	3215	293	EP	1109	10.01 0.91			1.0
TAWA	SZ	3215	293	IAmb	1109	12.17	2187	1.5	
TURA	SZ	3345	288	EP	1109	18.72-0.04			1.0
TURA	SZ	3345	288	IAmb	1109	21.36	2994	1.9	
COBR	BZ	3430	289	EP	1109	26.41 0.97			1.0
JPG	BZ	3508	290	EP	1109	32.61 1.02			1.0
CAL	BZ	3521	282	EP	1109	33.70 1.05			1.0
CAL	BZ	3521	282	IAmb	1109	35.94	4314	1.8	
GTK	SZ	3529	291	EP	1109	34.31 0.53			1.0
GTK	SZ	3529	291	IAmb	1109	36.83	1874	2.1	
SHBG	BZ	3602	287	EP	1109	39.17 0.20			1.0
ARIA	BZ	3627	289	EP	1109	42.36 1.47			1.0
ARIA	BZ	3627	289	IAmb	1109	44.47	3227	1.7	
BOKR	HZ	3773	284	EP	*1110	58.84 66.5			0.0
BWNR	BZ	3792	278	EP	1109	53.79 0.03			1.0
KNTI	BZ	3834	283	EP	1109	58.02 0.97			1.0
STMR	BZ	3850	290	EP	1109	59.79 1.51			1.0
VLK	BZ	3991	291	EP	1110	09.77 0.69			1.0
GKPR	BZ	4033	289	EP	*1110	46.17 33.9			0.0
RAGD	BZ	4049	277	EP	1110	12.31-1.22			1.0
VAR	BZ	4069	287	EP	1110	15.09 0.02			1.0
VISK	HZ	4084	274	EP	1110	16.46 0.27			1.0
VISK	HZ	4084	274	IAmb	1110	19.64	2483	1.8	
HRYA	BZ	4128	289	EP	1110	19.33-0.19			1.0
ALBI	BZ	4189	287	EP	1110	24.40 0.29			1.0
ALBI	BZ	4189	287	IAmb	1110	26.53	3369	1.4	
BRCH	BZ	4220	291	EP	1110	28.19 1.71			1.0
KNKR	BZ	4241	279	EP	1110	28.86 0.68			1.0
KNKR	BZ	4241	279	IAmb	1110	30.66	1718	1.5	
LKN	BZ	4285	289	EP	1110	31.24-0.15			1.0
LKN	BZ	4285	289	IAmb	1110	34.13	7912	1.8	
BNDA	BZ	4338	287	EP	1110	35.04-0.31			1.0
PTH	BZ	4376	294	EP	1110	38.00-0.74			1.0
VJD	BZ	4387	273	EP	1110	38.42-0.61			1.0
JOSI	BZ	4449	295	EP	1110	46.09 2.36			1.0
JOSI	BZ	4449	295	IAmb	1110	47.58	338	1.8	
NGP	BZ	4486	280	EP	1110	43.98-2.44			1.0
TKRD	BZ	4502	293	EP	1110	47.26-0.27			1.0
JHNI	BZ	4510	287	EP	1110	47.67-0.45			1.0
MDRS	HZ	4518	268	EP	1110	54.37 5.59			0.0
MDRS	HZ	4518	268	IAmb	1111	03.85	1015	2.1	
HNLY	BZ	4536	298	EP	1110	52.98 2.82			1.0
HNLY	BZ	4536	298	IAmb	1110	55.44	967	1.5	
DDI	HZ	4590	294	EP	1110	55.56 1.60			1.0
DDI	HN	4590	294	ES	1116	59.24 0.99			1.0
HYB	HZ	4590	275	EP	1110	55.78 1.66			1.0
HYB	HZ	4590	275	IAmb	1110	57.29	388	1.0	
ASOR	BZ	4604	292	EP	1110	54.60-0.49			1.0
MERT	BZ	4609	292	EP	1110	55.05-0.34			1.0
BISR	BZ	4636	292	EP	1110	56.95-0.42			1.0
BISR	BZ	4636	292	IAmb	1110	58.92	694	1.5	
BHPL	HZ	4638	284	EP	1110	57.87 0.34			1.0
BHPL	HZ	4638	284	IAmb	1111	00.37	1933	2.5	
PWAL	BZ	4644	291	EP	1110	55.40-2.57			1.0
PWAL	BZ	4644	291	IAmb	1110	59.52	1470	1.7	
JMIU	BZ	4651	292	EP	1110	56.20-2.24			1.0
LDR	HZ	4657	292	EP	1110	57.70-1.18			1.0

NDI	HZ	4659	292	EP	1110	58.66-0.35										1.0
NPL	BZ	4663	292	EP	1110	57.67-1.61										1.0
AYAN	BZ	4666	292	EP	1110	57.69-1.89										1.0
AYAN	BZ	4666	292	I Amb	1111	01.32		588	1.8							
SMLA	HZ	4682	295	EP	1110	56.82-4.17										1.0
SMLA	HN	4682	295	ES	1117	11.24 0.28										1.0
BHGR	BZ	4687	292	EP	1110	59.19-1.86										1.0
UJWA	BZ	4688	292	EP	1111	00.49-0.69										1.0
SDNR	BZ	4712	296	EP	1111	03.46 0.53										1.0
SDNR	BZ	4712	296	I Amb	1111	05.96		566	1.2							
JHJR	BZ	4714	292	EP	1111	03.01-0.01										1.0
JHJR	BZ	4714	292	I Amb	1111	05.23		983	1.9							
ALCI	BZ	4725	300	EP	1111	05.55 1.55										1.0
BHK	BZ	4761	296	EP	1111	06.95 0.57										1.0
BHK	BZ	4761	296	I Amb	1111	10.47		5320	1.7							
SALM	BZ	4769	267	EP	1111	07.30 0.11										1.0
DHRM	HZ	4777	297	EP	1111	07.64-0.70										1.0
DHRM	HZ	4777	297	I Amb	1111	11.49		2986	1.8							
DHRM	HN	4777	297	ES	1117	23.08-1.16										1.0
THN	BZ	4827	297	EP	1111	12.53 1.33										1.0
KOD	BZ	4885	265	EP	1111	16.69 0.86										1.0
AJM	BZ	4909	289	EP	1111	17.86 0.70										1.0
AJM	BZ	4909	289	I Amb	1111	20.57		3017	2.2							
JMU	BZ	4921	298	EP	1111	19.17 1.24										1.0
SRIN	BZ	4940	299	EP	1111	21.28 1.97										1.0
SRIN	BZ	4940	299	I Amb	1111	23.41		2324	1.8							
SRGN	BZ	4988	293	EP	1111	23.17 0.43										1.0
UDPR	BZ	5008	286	EP	1111	23.73-0.42										1.0
BKNR	BZ	5042	291	EP	1111	24.58-2.01										1.0
BKNR	BZ	5042	291	I Amb	1111	29.20		929	1.4							
KAD	BZ	5050	276	EP	1111	27.45 0.26										1.0
KAD	BZ	5050	276	I Amb	1111	30.52		2035	2.1							
MNGI	BZ	5080	270	EP	1111	29.75 0.41										1.0
MNGI	BZ	5080	270	I Amb	1111	32.50		613	0.7							
GOA	HZ	5125	273	EP	1111	33.11 0.60										1.0
GOA	HZ	5125	273	I Amb	1111	36.41		2557	1.6							
BOM	BZ	5164	278	EP	1111	34.94-0.29										1.0
JASL	BZ	5279	289	EP	1111	43.58 0.38										1.0
BHUJ	HZ	5431	285	EP	1111	53.75 0.06										1.0
BHUJ	HZ	5431	285	I Amb	1111	58.45		1379	2.0							

September 12 2023 Hour: 11:26 43.2 Lat: 35.40N Lon: 76.39E Depth: 19 Agency: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	150	151	EP		1127	06.47-0.62								1.0
ALCI	BE	150	151	ES		1127	24.76 0.20								1.0
ALCI	BN	150	151	IAML		1127	28.52		2524	0.2					
SRIN	BZ	208	225	EP		1127	12.59-1.40								1.0
SRIN	BE	208	225	ES		1127	36.79 0.30								1.0
SRIN	BE	208	225	IAML		1127	37.60		2084	0.9					
JMU	BZ	324	207	EP		1127	28.11 0.08								1.0
JMU	BN	324	207	ES		1128	01.91 1.12								1.0
JMU	BN	324	207	IAML		1128	16.05		504	0.4					
THN	BN	332	189	EP		1127	29.94 0.79								1.0
THN	BN	332	189	ES		1128	01.11-1.62								1.0
THN	BN	332	189	IAML		1128	04.02		544	0.5					
DHRM	HZ	349	181	EP		1127	32.97 1.02								1.0
HNLY	BZ	376	140	EP		1127	35.10 0.50								1.0
SDNR	BZ	431	173	EP		1127	40.71-0.46								1.0
BHK	BZ	444	180	EP		1127	43.79 1.06								1.0
SMLA	HZ	479	171	EP		1127	46.34-0.97								1.0

September 13 2023 Hour: 11:48 38.9

Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ITAN	SZ			EP		1209	18.52								
MOKO	SZ			EP		1209	18.52								
TAWA	SZ			EP		1209	20.57								
ZIRO	SZ			EP		1209	18.52								
JORH	HZ			EP		1209	19.74								
GUWA	SZ			EP		1209	17.67								
GTK	SZ			EP		1209	27.59								
KOHI	SZ			EP		1209	18.29								
SILR	SZ			EP		1209	17.67								
TURA	SZ			EP		1209	21.39								
AJM	BZ			EP		1209	25.71								
BRCH	BZ			EP		1209	15.45								
BOM	BZ			EP		1209	15.45								
BNDA	BZ			EP		1209	17.50								
BLSP	BZ			EP		1209	17.50								
JASL	BZ			EP		1209	23.66								
JHNI	BZ			EP		1209	29.81								
JMUI	BZ			EP		1209	23.66								
JMU	BZ			EP		1209	23.66								
JPG	BZ			EP		1209	21.60								
COBR	BZ			EP		1209	21.60								
BISR	BZ			EP		1209	15.45								
BHK	BZ			EP		1209	23.66								
ASOR	BZ			EP		1209	16.90								
ALBI	BZ			EP		1209	19.25								
ARIA	BZ			EP		1208	22.19								
GKPR	BZ			EP		1209	54.43								
JOSI	BZ			EP		1209	30.76								
JMIU	BZ			EP		1209	33.29								
BWNR	BZ			EP		1209	11.35								
BKNR	BZ			EP		1208	47.77								
BHGR	BZ			EP		1209	17.50								
RAGD	BZ			EP		1209	18.10								
PTH	BZ			EP		1209	28.33								
NDI	HZ			EP		1209	18.10								
MNGI	BZ			EP		1209	16.06								
LKN	BZ			EP		1209	20.15								
TKRD	BZ			EP		1209	24.24								
UJWA	BZ			EP		1209	18.10								
UDPR	BZ			EP		1209	24.14								
THN	BZ			EP		1209	38.55								
NPL	BZ			EP		1209	03.79								
SRIN	BZ			EP		1209	26.28								
RTK	BZ			EP		1209	24.24								
KAD	BZ			EP		1209	20.15								
KNTI	BZ			EP		1208	42.83								
LDR	HZ			EP		1209	20.89								
LATR	BZ			EP		1208	50.81								
SALM	BZ			EP		1209	16.79								
VAR	BZ			EP		1208	49.48								
VLK	BZ			EP		1209	07.88								
STMR	BZ			EP		1209	09.93								
DDI	HZ			EP		1209	27.62								
SMLA	HZ			EP		1209	29.65								
VISK	HZ			EP		1209	17.52								
BOKR	HZ			EP		1208	57.30								

September 14 2023 Hour: 11:40 59.3 Lat: 28.55N Lon: 91.47E Depth: 10F Agency: NCS Local
Magnitudes: 3.5ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	113	160	EP		1141	19.49	-0.11							1.0
ZIRO	SZ	260	115	EP		1141	38.76	1.18							1.0
ZIRO	SE	260	115	ES		1142	06.21	0.71							1.0
ZIRO	SN	260	115	IAML		1142	14.88			519	0.7				
GUWA	SZ	262	175	EP		1141	35.81	-2.03							1.0
GUWA	SE	262	175	ES		1142	06.66	0.70							1.0
GUWA	SE	262	175	IAML		1142	07.94			320	0.5				
ITAN	SZ	271	125	EP		1141	39.14	0.19							1.0
GTK	SZ	314	245	EP		1141	43.90	-0.83							1.0
GTK	SE	314	245	ES		1142	19.07	1.20							1.0
GTK	SN	314	245	IAML		1142	24.38			71	0.9				
SHL	HZ	334	171	EP		1141	46.61	-0.60							1.0
SHL	HE	334	171	ES		1142	22.08	-0.08							1.0
SHL	HE	334	171	IAML		1142	25.69			869	0.4				
TURA	SZ	358	201	EP		1141	49.03	-0.60							1.0
TURA	SE	358	201	ES		1142	27.21	0.85							1.0
TURA	SE	358	201	IAML		1142	31.41			104	0.4				
KOHI	SZ	408	140	EP		1141	56.25	0.05							1.0
KOHI	SE	408	140	ES		1142	37.09	-0.62							1.0
KOHI	SN	408	140	IAML		1142	39.67			319	0.3				

September 15 2023 Hour: 0:32 3.5 Lat: 28.62N Lon: 91.38E Depth: 10F Agency: 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
GUWA	SZ	271	173	EP		*0032	40.63	-2.46							0.0
ZIRO	SN	271	116	IAML		0033	21.21			541	0.5				
GUWA	SE	271	173	ES		0033	10.19	0.64							1.0
GUWA	SN	271	173	IAML		0033	13.41			126	0.3				
ZIRO	SZ	271	116	EP		0032	42.66	-0.49							1.0
ZIRO	SE	271	116	ES		0033	13.17	1.06							1.0
GTK	SZ	309	243	EP		0032	48.34	0.00							1.0
GTK	SN	309	243	ES		0033	21.42	0.33							1.0
GTK	SN	309	243	IAML		0033	28.53			51	0.7				
TURA	SE	363	199	ES		0033	31.39	-0.11							1.0
MOKO	SZ	401	129	ES		0033	40.75	0.42							1.0
KOHI	SE	420	139	ES		0033	43.18	-1.22							1.0

September 15 2023 Hour: 17:15 10.7 Lat: 37.16N Lon: 71.76E Depth: 130F Agency: NCS Local
Magnitudes: 4.6ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	561	149	ES		1717	12.46	-1.90							1.0
JMU	BN	561	149	IAML		1717	20.58			5583	0.3				
THN	BZ	641	144	EP		1716	30.34	-0.81							1.0
THN	BN	641	144	ES		1717	29.81	-0.87							1.0
THN	BN	641	144	IAML		1717	35.52			251	0.1				
DHRM	HZ	686	141	EP		1716	36.76	0.23							1.0
DHRM	HE	686	141	ES		1717	41.31	1.26							1.0
DHRM	HN	686	141	IAML		1717	45.49			919	0.3				
SDNR	BN	783	141	EP		1716	47.91	0.06							1.0
SDNR	BE	783	141	ES		1718	00.61	0.87							1.0
SDNR	BN	783	141	IAML		1718	04.08			2143	0.2				
BHK	BZ	797	142	EP		*1716	47.11	-2.33							0.0
BHK	BN	797	142	ES		1717	58.08	-2.09							1.0
BHK	BE	797	142	IAML		1718	01.79			297	0.6				
SRGN	BZ	827	166	EP		1716	52.41	-0.42							1.0
SRGN	BE	827	166	ES		1718	08.49	0.08							1.0
SRGN	BE	827	166	IAML		1718	11.74			401	0.4				
SMLA	HZ	834	142	EP		1716	54.58	0.64							1.0
SMLA	HN	834	142	ES		1718	10.08	-0.25							1.0
SMLA	HN	834	142	IAML		1718	16.17			2481	0.2				

KUDL	HZ	1094	155	EP		1717	23.21	-0.98									1.0
KUDL	HE	1094	155	ES		1719	04.15	1.18									1.0
KUDL	HE	1094	155	IAML		1719	09.47			342	0.4						
PTH	BZ	1149	135	EP		1717	31.26	0.40									1.0
PTH	BE	1149	135	ES		1719	15.17	0.60									1.0
PTH	BE	1149	135	IAML		1719	23.16			270	0.2						

September 15 2023 Hour: 18: 8 36.2 Lat: 37.24N Lon: 73.25E Depth: 10F Agency: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	582	156	EP		1809	54.59	0.79							1.0
THN	BN	582	156	ES		1810	51.87	1.40							1.0
THN	BN	582	156	IAML		1810	56.93			290	0.5				
DHRM	HE	621	152	ES		1811	00.72	0.77							1.0
DHRM	HN	621	152	IAML		1811	09.27			49	0.3				
BHK	BE	710	155	ES		1811	16.22	-1.21							1.0
BHK	BN	710	155	IAML		1811	19.09			27	0.5				
SDNR	BE	717	151	ES		1811	17.90	-1.05							1.0
SMLA	HE	769	151	ES		1811	29.47	-0.86							1.0
SMLA	HN	769	151	IAML		1811	35.46			202	0.4				
PTH	BZ	1067	141	EP		1810	52.78	-0.81							1.0
PTH	BE	1067	141	ES		1812	34.56	0.65							1.0
PTH	BN	1067	141	IAML		1812	39.51			36	0.1				
LGTI	BE	1077	142	ES		1812	36.71	0.32							1.0
LGTI	BN	1077	142	IAML		1812	42.04			36	0.5				

September 15 2023 Hour: 22:47 34.3 Lat: 22.95N Lon: 93.96E Depth: 95F Agency: 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
SILR	SZ	235	330	EP		2248	06.95	-0.96							1.0
KOHI	SZ	308	3	EP		2248	17.81	0.79							1.0
KOHI	SN	308	3	ES		2248	47.69	-0.55							1.0
KOHI	SN	308	3	IAML		2248	51.72			15	0.6				
MOKO	SZ	378	8	EP		2248	25.88	0.50							1.0
GUWA	SZ	427	328	EP		2248	31.76	0.93							1.0
GUWA	SN	427	328	ES		2249	11.64	-0.48							1.0
GUWA	SN	427	328	IAML		2249	15.35			49	0.1				
ITAN	SZ	466	357	EP		2248	34.65	-0.90							1.0
TURA	SZ	475	308	EP		2248	37.68	1.04							1.0
TURA	SN	475	308	ES		2249	23.40	1.22							1.0
TURA	SN	475	308	IAML		2249	28.37			190	0.2				
ZIRO	SZ	507	359	EP		2248	39.86	-0.73							1.0
ZIRO	SN	507	359	ES		2249	29.78	0.77							1.0
ZIRO	SN	507	359	IAML		2249	34.85			68	0.4				
TAWA	SZ	556	338	EP		2248	46.92	-0.27							1.0
TAWA	SN	556	338	ES		2249	41.18	0.75							1.0
TAWA	SN	556	338	IAML		2249	45.85			381	0.3				
GTK	SZ	726	313	EP		2249	07.00	-0.57							1.0
GTK	SN	726	313	ES		2250	14.13	-1.56							1.0
GTK	SN	726	313	IAML		2250	24.08			19	0.3				

September 16 2023 Hour: 4: 2 57.3 Lat: 27.11N Lon: 92.50E Depth: 4 Agency: 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
ITAN	SZ	121	88	EP		0403	19.21	0.93							1.0
ITAN	SN	121	88	ES		0403	33.10	-0.49							1.0
ITAN	SE	121	88	IAML		0403	33.90			1091	0.3				
GUWA	SZ	130	219	EP		0403	20.16	0.35							1.0
GUWA	SN	130	219	ES		0403	35.30	-0.93							1.0
GUWA	SN	130	219	IAML		0403	36.14			286	0.1				
ZIRO	SZ	141	71	EP		0403	22.41	0.67							1.0
ZIRO	SN	141	71	ES		0403	39.28	-0.28							1.0
ZIRO	SE	141	71	IAML		0403	40.46			1120	0.1				
JORH	HZ	178	103	EP		0403	23.89	-2.44							1.0

JORH	HN	178	103	ES		0403	47.14	-0.37									1.0
SHL	HZ	179	197	EP		0403	27.63	0.73									1.0
MOKO	SZ	218	113	EP		0403	32.05	0.33									1.0
KOHI	SZ	222	134	EP		0403	33.11	0.88									1.0
KOHI	SE	222	134	ES		0403	58.33	0.62									1.0
KOHI	SE	222	134	IAML		0404	00.05			56	0.3						

September 16 2023 Hour: 5:28 4.6 Lat: 37.51N Lon: 72.76E Depth: 81 Agency: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	558	160	EP		0529	17.26	0.36							1.0
JMU	BN	558	160	ES		0530	09.01	-0.63							1.0
JMU	BN	558	160	IAML		0530	12.17			598	0.4				
THN	BZ	628	153	EP		0529	25.95	0.50							1.0
THN	BN	628	153	ES		0530	25.08	0.64							1.0
THN	BN	628	153	IAML		0530	27.70			236	0.2				
DHRM	HZ	668	150	EP		0529	30.78	-0.29							1.0
DHRM	HN	668	150	ES		0530	33.95	-0.22							1.0
DHRM	HE	668	150	IAML		0530	38.20			333	0.5				
BHK	BZ	756	153	EP		0529	42.55	1.55							1.0
BHK	BN	756	153	ES		0530	51.30	-0.04							1.0
SDNR	BZ	764	149	EP		0529	41.59	-0.50							1.0
SDNR	BN	764	149	ES		0530	53.31	0.08							1.0
SDNR	BN	764	149	IAML		0530	55.32			83	0.3				
SMLA	HZ	816	149	EP		0529	48.31	-0.35							1.0
SMLA	HE	816	149	ES		0531	03.56	-1.03							1.0
SMLA	HE	816	149	IAML		0531	07.89			139	0.3				
UTK	BZ	917	143	EP		0529	59.63	-1.24							1.0
UTK	BN	917	143	ES		0531	26.89	1.17							1.0
UTK	BE	917	143	IAML		0531	31.95			253	0.3				

September 16 2023 Hour: 6:48 25.6 Lat: 36.35N Lon: 71.16E Depth: 60F Agency: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	520	139	EP		0649	33.54	0.49							1.0
JMU	BN	520	139	ES		0650	22.96	0.68							1.0
JMU	BN	520	139	IAML		0650	30.17			1085	0.6				
THN	BZ	609	134	EP		0649	44.58	0.63							1.0
THN	BN	609	134	ES		0650	41.31	0.18							1.0
THN	BN	609	134	IAML		0650	45.78			240	0.4				
DHRM	HZ	657	132	EP		0649	50.49	-0.05							1.0
DHRM	HN	657	132	ES		0650	52.82	0.29							1.0
DHRM	HN	657	132	IAML		0650	56.23			584	0.3				
BHK	BN	732	137	ES		0651	08.63	1.64							1.0
BHK	BE	732	137	IAML		0651	11.24			137	0.4				
SDNR	BZ	753	133	EP		0650	01.06	-0.50							1.0
SDNR	BE	753	133	ES		0651	11.71	0.11							1.0
SDNR	BN	753	133	IAML		0651	15.35			104	0.3				
SMLA	HZ	804	134	EP		0650	07.45	-0.51							1.0
SMLA	HN	804	134	ES		0651	22.07	-0.59							1.0
SMLA	HE	804	134	IAML		0651	25.87			94	0.3				
UTK	BE	919	131	ES		0651	45.62	-1.48							1.0
UTK	BN	919	131	IAML		0651	51.68			182	0.3				
KUDL	HN	1039	150	ES		0652	10.99	-0.91							1.0
KUDL	HN	1039	150	IAML		0652	14.91			154	0.2				

September 16 2023 Hour: 23:21 4.6 Lat: 24.69N Lon: 95.01E Depth: 10F Agency: 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
KOHI	SZ	146	322	EP		2321	30.48	1.04							1.0
KOHI	SN	146	322	ES		2321	47.79	0.20							1.0
KOHI	SN	146	322	IAML		2321	58.39			119	0.6				
MOKO	SZ	187	345	EP		2321	35.19	0.74							1.0
ITAN	SZ	301	335	EP		2321	48.31	0.41							1.0

ITAN	SN	301	335	ES	2322	19.41-0.11										1.0
ITAN	SN	301	335	IAML	2322	21.09			164	0.2						
ZIRO	SZ	335	340	EP	2321	52.14 0.12										1.0
ZIRO	SE	335	340	ES	2322	25.95-0.70										1.0
ZIRO	SN	335	340	IAML	2322	28.48			277	0.3						
GUWA	SZ	373	297	EP	2321	55.99-0.65										1.0
GUWA	SN	373	297	ES	2322	34.91 0.27										1.0
GUWA	SE	373	297	IAML	2322	36.71			30	0.1						
TAWA	SZ	450	316	EP	2322	05.48-1.22										1.0
TAWA	SN	450	316	ES	2322	51.98-0.06										1.0
TAWA	SN	450	316	IAML	2322	54.80			274	0.3						
TURA	SZ	491	282	EP	2322	10.62-0.52										1.0
TURA	SE	491	282	ES	2323	00.19 0.47										1.0
TURA	SN	491	282	IAML	2323	03.78			59	0.1						

September 17 2023 Hour: 0:4 19.3 Lat: 39.37N Lon: 72.49E Depth:191 Agency: NCS Local
 Magnitudes: 4.1ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	760	163	EP		0005	57.41	0.15							1.0
JMU	BN	760	163	ES		0007	09.44	0.65							1.0
JMU	BN	760	163	IAML		0007	16.34			121	0.7				
THN	BN	824	158	EP		0006	04.39-0.52								1.0
THN	BN	824	158	ES		0007	21.71-0.32								1.0
THN	BN	824	158	IAML		0007	30.21			79	0.6				
DHRM	HZ	862	155	EP		0006	09.30-0.73								1.0
DHRM	HN	862	155	ES		0007	31.29 0.40								1.0
DHRM	HN	862	155	IAML		0007	38.26			134	0.6				
BHK	BE	952	157	ES		0007	47.58-0.64								1.0
BHK	BN	952	157	IAML		0007	54.62			47	0.7				
SDNR	BZ	956	154	EP		0006	21.34 0.75								1.0
SDNR	BE	956	154	ES		0007	48.93-0.23								1.0
SDNR	BN	956	154	IAML		0007	54.53			13	0.4				
SMLA	HZ	1008	154	EP		0006	26.88-0.12								1.0
SMLA	HN	1008	154	ES		0007	59.54-0.71								1.0
SMLA	HE	1008	154	IAML		0008	05.74			92	0.6				
UTK	BZ	1100	149	EP		0006	38.47 0.44								1.0
UTK	BE	1100	149	ES		0008	20.31 0.97								1.0
UTK	BN	1100	149	IAML		0008	29.40			687	0.4				
KUDL	HE	1298	162	ES		0009	00.06 0.18								1.0
LGTI	BE	1306	146	ES		0009	02.63-0.27								1.0
LGTI	BE	1306	146	IAML		0009	13.56			51	0.6				

September 17 2023 Hour: 6:49 56.2 Lat: 24.37N Lon: 90.26E Depth: 18 Agency: NCS Local
 Magnitudes: 3.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TURA	SZ	127	358	EP		0650	16.71-0.52								1.0
TURA	SN	127	358	ES		0650	32.72 0.12								1.0
TURA	SN	127	358	IAML		0650	34.19			8767	0.3				
SHL	HZ	219	53	EP		*0650	25.73-3.24								0.0
COBR	BZ	227	339	EP		0650	30.09 0.61								1.0
GUWA	SZ	248	35	EP		0650	30.61-1.36								1.0
SHBG	BZ	282	290	EP		0650	37.15 0.98								1.0
GTK	SZ	366	333	EP		0650	47.72 0.74								1.0
GTK	SN	366	333	ES		0651	23.83-0.23								1.0
GTK	SN	366	333	IAML		0651	25.82			3199	0.3				
IMP	SZ	377	82	EP		0650	47.64-0.10								1.0
IMP	SE	377	82	ES		0651	26.62 1.24								1.0
IMP	SN	377	82	IAML		0651	29.77			56	0.4				
KOHI	SZ	416	68	EP		0650	53.14 0.09								1.0
KOHI	SE	416	68	ES		0651	34.48-0.09								1.0
KOHI	SN	416	68	IAML		0651	38.28			250	0.4				
BOKR	HZ	449	263	EP		0650	56.53-0.15								1.0
BOKR	HE	449	263	ES		0651	40.25-0.61								1.0
BOKR	HN	449	263	IAML		0651	44.20			1017	0.3				

ITAN	SZ	463	48	EP	0650	58.35-0.02										1.0
ITAN	SE	463	48	ES	0651	44.02	0.25									1.0
ITAN	SN	463	48	IAML	0651	47.26			567	0.2						
MOKO	SZ	480	62	EP	0650	59.75-1.00										1.0
MOKO	SZ	480	62	ES	0651	47.22-0.68										1.0
MOKO	SZ	480	62	IAML	0651	52.24			59	0.4						
ZIRO	SZ	501	45	EP	0651	03.68	0.73									1.0

September 17 2023 Hour: 16:23 26.7 Lat: 39.39N Lon: 71.72E Depth: 23 Agency: 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
ALCI	BZ	753	138	EP		1625	05.23	1.49							1.0
JMU	BZ	784	158	EP		1625	07.91	0.54							1.0
JMU	BN	784	158	ES		1626	22.86	1.96							1.0
JMU	BN	784	158	IAML		1626	29.31			274	1.0				
THN	BZ	854	153	EP		1625	15.98	0.05							1.0
THN	BN	854	153	ES		1626	36.28	0.58							1.0
THN	BN	854	153	IAML		1626	45.73			3348	0.5				
DHRM	HZ	893	151	EP		1625	21.22-0.25								1.0
DHRM	HE	893	151	ES		1626	44.96-0.32								1.0
DHRM	HN	893	151	IAML		1626	51.20			379	0.7				
BHK	BN	982	153	EP		1625	32.47	0.95							1.0
BHK	BN	982	153	ES		1627	03.12	0.45							1.0
BHK	BN	982	153	IAML		1627	10.55			119	0.8				
SDNR	BZ	989	150	EP		1625	33.02	0.57							1.0
SDNR	BN	989	150	ES		1627	03.62-0.67								1.0
SDNR	BN	989	150	IAML		1627	10.54			48	0.5				
SMLA	HZ	1041	150	EP		1625	39.93	0.90							1.0
SMLA	HN	1041	150	ES		1627	15.47-0.20								1.0
SMLA	HN	1041	150	IAML		1627	22.14			995	0.5				
UTK	BZ	1138	145	EP		1625	50.86-0.01								1.0
UTK	BN	1138	145	ES		1627	36.40	0.25							1.0
UTK	BN	1138	145	IAML		1627	42.87			1777	0.7				
JOSI	BZ	1212	142	EP		1625	58.55-1.20								1.0
NPL	BZ	1293	156	EP		1626	08.57-0.94								1.0
AYAN	BZ	1308	156	EP		1626	10.60-0.74								1.0
AYAN	BN	1308	156	ES		1628	11.64	0.08							1.0
AYAN	BN	1308	156	IAML		1628	15.39			42	0.5				
KUDL	HZ	1322	159	EP		1626	11.81-1.26								1.0
KUDL	HN	1322	159	ES		1628	13.14-1.41								1.0
KUDL	HN	1322	159	IAML		1628	20.32			15	0.6				
PTH	BZ	1336	142	EP		1626	15.18-0.16								1.0
PTH	BE	1336	142	ES		1628	17.75-0.73								1.0
PTH	BN	1336	142	IAML		1628	25.58			14	0.4				
BHPL	HZ	1869	162	EP		1627	19.52	0.10							0.8

September 17 2023 Hour: 19: 3 8.2 Lat: 27.50N Lon: 87.43E Depth: 13 Agency: 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
GTK	SZ	117	99	EP		1903	28.56-0.23								1.0
GTK	SE	117	99	ES		1903	43.51-0.29								1.0
GTK	SN	117	99	IAML		1903	46.67			2419	0.3				
STMR	BZ	229	249	EP		1903	42.29	0.00							1.0
STMR	BE	229	249	ES		1904	07.87	0.72							1.0
STMR	BE	229	249	IAML		1904	12.93			519	0.3				
SHBG	BZ	252	175	EP		1903	45.81	0.78							1.0
JMUI	BZ	309	203	EP		1903	53.03	1.01							1.0
TURA	SZ	354	128	EP		1903	57.88	0.26							1.0
TURA	SE	354	128	ES		1904	34.10	0.43							1.0
TURA	SE	354	128	IAML		1904	35.85			45	0.2				
BOKR	HZ	439	201	EP		1904	06.50-1.44								1.0
BOKR	HE	439	201	ES		1904	50.62-0.90								1.0
BOKR	HN	439	201	IAML		1904	54.23			40	0.3				
PTH	BZ	744	290	EP		1904	45.74-0.05								1.0

PTH	BE	744	290	ES	1905	56.71-0.29											1.0
PTH	BE	744	290	IAML	1905	59.20				9	0.2						

September 18 2023 Hour: 13:21 26.1 Lat: 26.63N Lon: 125.07E Depth:188 Agency: NCS Distant
Magnitudes: 6.3Mb NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	3040	276	EP		1326	53.06-0.88								1.0
MOKO	SZ	3040	276	IAmb		1326	56.35			501	1.8				
JORH	HZ	3060	277	EP		1326	55.03-0.05								1.0
KOHI	SZ	3089	275	EP		1326	56.85-1.13								1.0
KOHI	SZ	3089	275	IAmb		1327	00.16			433	1.5				
ZIRO	SZ	3090	279	EP		1326	57.80 0.27								1.0
ZIRO	SZ	3090	279	IAmb		1326	59.61			1119	1.4				
ITAN	SZ	3107	278	EP		1326	59.65 0.74								1.0
ITAN	SZ	3107	278	IAmb		1327	01.16			1904	1.2				
SILR	SZ	3237	274	EP		1327	09.98 0.82								1.0
AZL	SZ	3271	272	EP		1327	11.73-0.23								1.0
AZL	SZ	3271	272	IAmb		1327	13.66			683	1.1				
AZL	SE	3271	272	ES		1331	52.64-0.10								1.0
TAWA	SZ	3284	280	EP		1327	13.67 0.04								1.0
TAWA	SZ	3284	280	IAmb		1327	15.55			1626	2.3				
TAWA	SN	3284	280	ES		1331	55.08-0.60								1.0
SHL	HZ	3302	275	EP		1327	14.46-0.42								1.0
SHL	HZ	3302	275	IAmb		1327	17.05			492	0.9				
GUWA	SZ	3321	277	EP		1327	15.37-0.48								1.0
GUWA	SZ	3321	277	IAmb		1327	17.26			869	1.3				
GUWA	SE	3321	277	ES		1331	59.63-0.01								1.0
TURA	SZ	3478	276	EP		1327	28.35 0.06								1.0
TURA	SN	3478	276	ES		1332	20.41-1.31								0.9
COBR	BZ	3540	278	EP		1327	33.09 0.02								1.0
COBR	BZ	3540	278	IAmb		1327	35.09			1132	1.1				
GTK	SZ	3609	280	EP		1327	38.71-0.28								1.0
GTK	SN	3609	280	ES		1332	42.61 1.88								0.9
JPG	BZ	3610	278	EP		1327	38.31-0.27								1.0
JPG	BN	3610	278	ES		1332	42.12 2.10								0.9
CAL	BZ	3736	271	EP		1327	48.64 0.24								1.0
CAL	BZ	3736	271	IAmb		1327	51.67			2100	1.0				
ARIA	BZ	3739	278	EP		1327	47.47-1.17								1.0
SHBG	BZ	3740	276	EP		1327	49.84 1.13								1.0
JMUI	BZ	3886	276	EP		1327	59.61-0.34								1.0
JMUI	BN	3886	276	ES		1333	17.98-0.18								1.0
STMR	BZ	3944	279	EP		1328	05.03 0.61								1.0
STMR	BZ	3944	279	IAmb		1328	07.62			4685	1.5				
KNTI	BZ	4025	273	EP		1328	10.97 0.33								1.0
BWNR	BZ	4056	268	EP		1328	13.18 0.17								1.0
BWNR	BN	4056	268	ES		1333	39.74-1.80								0.9
VLK	BZ	4065	281	EP		1328	14.08 0.41								1.0
VAR	BZ	4198	278	EP		1328	24.03 0.30								1.0
HRYA	BZ	4218	280	EP		1328	26.16 0.98								1.0
HRYA	BZ	4218	280	IAmb		1328	27.46			5942	1.4				
HRYA	BN	4218	280	ES		1334	04.30 0.90								1.0
BRCH	BZ	4290	282	EP		1328	30.57 0.02								1.0
BRCH	BZ	4290	282	IAmb		1328	33.25			1913	1.2				
BRCH	BN	4290	282	ES		1334	11.95-1.11								1.0
ALBI	BZ	4314	278	EP		1328	32.51 0.10								1.0
RAGD	BZ	4326	268	EP		1328	33.53 0.18								1.0
RAGD	BZ	4326	268	IAmb		1328	36.09			794	0.8				
RAGD	BE	4326	268	ES		1334	20.47 2.37								0.8
BLSP	BZ	4361	273	EP		1328	36.19 0.22								1.0
BLSP	BZ	4361	273	IAmb		1328	38.06			777	1.1				
BLSP	BN	4361	273	ES		1334	21.42-1.40								0.9
LKN	BZ	4373	280	EP		1328	37.10 0.27								1.0
PTH	BZ	4395	285	EP		1328	39.54 0.56								1.0
VISK	HZ	4395	266	EP		1328	38.98 0.46								1.0

VISK	HZ	4395	266	IAmb	1328	41.27	717	0.9	
PTH	BN	4395	285	ES	1334	27.64-0.56			1.0
LGTI	BZ	4408	285	EP	1328	40.45 0.30			1.0
LGTI	BZ	4408	285	IAmb	1328	44.38	340	2.2	
LGTI	BN	4408	285	ES	1334	28.11-2.19			0.8
JOSI	BZ	4444	287	EP	1328	43.76 1.55			0.9
JOSI	BN	4444	287	ES	1334	36.27 2.21			0.8
BNDA	BZ	4456	279	EP	1328	43.05 0.07			1.0
BNDA	BN	4456	279	ES	1334	34.75-0.72			1.0
KNKR	BZ	4486	270	EP	1328	44.55-0.72			1.0
KNKR	BZ	4486	270	IAmb	1328	47.25	414	1.2	
TKRD	BZ	4531	285	EP	1328	48.34-0.12			1.0
TKRD	BZ	4531	285	IAmb	1328	50.35	424	1.0	
UTK	BZ	4548	287	EP	1328	50.28 0.33			1.0
UTK	BZ	4548	287	IAmb	1328	51.82	1580	1.9	
UTK	BN	4548	287	ES	1334	48.93 0.88			1.0
DDI	HZ	4591	286	EP	1328	52.23-0.58			1.0
DDI	HZ	4591	286	IAmb	1328	55.15	1432	1.9	
DDI	HN	4591	286	ES	1334	52.69-0.54			1.0
JHNI	BZ	4626	279	EP	1328	54.80-0.58			1.0
JHNI	BZ	4626	279	IAmb	1328	56.06	2336	1.2	
JHNI	BN	4626	279	ES	1334	55.27-2.63			0.8
ALCI	BZ	4636	292	EP	1328	56.41 0.14			1.0
ALCI	BZ	4636	292	IAmb	1329	00.56	848	0.8	
ALCI	BN	4636	292	ES	1334	59.76 0.27			1.0
SMLA	HZ	4664	288	EP	1328	57.94-0.50			1.0
SMLA	HZ	4664	288	IAmb	1329	00.22	1477	1.7	
SMLA	HZ	4664	288	ES	1335	01.58-1.83			0.9
BISR	BZ	4677	284	EP	1328	58.98-0.17			1.0
BISR	BZ	4677	284	IAmb	1329	01.94	2212	1.5	
BISR	BN	4677	284	ES	1335	05.00 0.29			1.0
SDNR	BZ	4685	288	EP	1328	59.82 0.13			1.0
JMIU	BZ	4692	284	EP	1329	00.47 0.26			1.0
JMIU	BN	4692	284	ES	1335	06.52-0.13			1.0
NDI	HZ	4697	284	EP	1329	00.73 0.17			1.0
NDI	HZ	4697	284	IAmb	1329	01.92	769	0.9	
LDR	HZ	4698	284	EP	1329	00.96 0.36			1.0
LDR	HE	4698	284	ES	1335	08.06 0.71			1.0
NGP	BZ	4700	273	EP	1329	01.87 0.96			1.0
NGP	BE	4700	273	ES	1335	09.54 1.63			0.9
NPL	BZ	4702	284	EP	1329	01.42 0.51			1.0
NPL	BZ	4702	284	IAmb	1329	03.29	1584	1.2	
NPL	BE	4702	284	ES	1335	06.68-1.23			1.0
AYAN	BZ	4709	284	EP	1329	00.77-0.70			1.0
AYAN	BE	4709	284	ES	1335	09.18 0.26			1.0
VJD	BZ	4710	266	EP	1329	03.24 1.65			0.9
VJD	BZ	4710	266	IAmb	1329	04.26	720	0.8	
UJWA	BZ	4729	284	EP	1329	03.24 0.35			1.0
UJWA	BZ	4729	284	IAmb	1329	04.33	1670	0.7	
DHRM	HZ	4733	290	EP	1329	01.87-2.05			0.9
DHRM	HN	4733	290	IAmb	1329	07.52	879	2.7	
BHK	BZ	4736	288	EP	1329	04.65 1.28			0.9
BHK	BZ	4736	288	IAmb	1329	05.33	3188	2.0	
BHK	BE	4736	288	ES	1335	12.32-0.06			1.0
RTK	BZ	4768	285	EP	1329	06.43 0.72			1.0
RTK	BZ	4768	285	IAmb	1329	07.59	1639	1.0	
RTK	BE	4768	285	ES	1335	17.40 0.79			1.0
KUDL	HZ	4777	284	EP	1329	05.97-0.36			1.0
KUDL	HN	4777	284	ES	1335	17.85 0.10			1.0
THN	BZ	4778	290	EP	1329	05.42-1.05			1.0
THN	BN	4778	290	ES	1335	19.94 1.95			0.9
BHPL	HZ	4800	276	EP	1329	06.69-1.38			0.9
BHPL	HZ	4800	276	IAmb	1329	09.16	882	1.4	
SRIN	BZ	4856	292	EP	1329	12.60 0.57			1.0

JMU	BZ	4866	291	EP	1329	12.19-0.48										1.0
JMU	BZ	4866	291	IAmb	1329	17.39		3269	2.7							
HYB	HZ	4882	268	EP	1329	13.92-0.18										1.0
HYB	HZ	4882	268	IAmb	1329	16.14		412	1.0							
HYB	HE	4882	268	ES	1335	31.97 0.11										1.0
MDRS	HZ	4909	261	EP	1329	15.73-0.25										1.0
MDRS	HZ	4909	261	IAmb	1329	18.65		463	1.0							
AJM	BZ	4993	282	EP	1329	21.64-0.27										1.0
AJM	BZ	4993	282	IAmb	1329	23.44		556	1.2							
AJM	BN	4993	282	ES	1335	45.22-0.86										1.0
SRGN	BZ	4995	287	EP	1329	22.84 0.90										1.0
SRGN	BZ	4995	287	IAmb	1329	24.46		3558	1.2							
LATR	BZ	5046	270	EP	1329	25.72-0.03										1.0
LATR	BZ	5046	270	IAmb	1329	27.49		1118	1.0							
BKNR	BZ	5090	284	EP	1329	28.51-0.12										1.0
UDPR	BZ	5129	279	EP	1329	31.36-0.09										1.0
UDPR	BN	5129	279	ES	1336	02.98-0.51										1.0
SALM	BZ	5171	261	EP	1329	35.39 0.81										1.0
SALM	BZ	5171	261	IAmb	1329	37.20		887	1.1							
KAD	BZ	5321	270	EP	1329	44.10-0.81										1.0
KAD	BZ	5321	270	IAmb	1329	46.49		446	1.4							
JASL	BZ	5344	283	EP	1329	44.27-2.11										0.9
JASL	BZ	5344	283	IAmb	1329	48.74		945	1.1							
BHV	BZ	5367	276	EP	1329	47.47-0.54										1.0
BHV	BN	5367	276	ES	1336	36.15 2.36										0.8
BOM	BZ	5398	272	EP	1329	48.42-1.75										0.9
BOM	BZ	5398	272	IAmb	1329	53.20		2659	1.1							
MNGI	BZ	5439	264	EP	1329	53.07 0.10										1.0

September 19 2023 Hour: 3:45 17.8 Lat: 32.53N Lon: 75.99E Depth: 5F Agency: 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
DHRM	HZ	43	137	EP		0345	26.58	0.56							1.0
DHRM	HN	43	137	ES		0345	31.60-0.44								1.0
DHRM	HE	43	137	IAML		0345	34.88			799	0.2				
BHK	BZ	131	164	EP	*	0345	40.46-0.00								0.0
BHK	BN	131	164	ES		0346	00.05	3.02							1.0
BHK	BN	131	164	IAML		0346	01.25			252	0.4				
SDNR	BZ	140	142	EP		0345	42.26	0.29							1.0
SDNR	BE	140	142	ES		0345	58.84-0.80								1.0
SDNR	BN	140	142	IAML		0346	02.20			107	0.5				
SMLA	HZ	191	144	EP		0345	48.32-0.24								1.0
SMLA	HE	191	144	ES		0346	10.23-0.82								1.0
SMLA	HN	191	144	IAML		0346	14.92			95	0.4				
HNLY	BZ	281	84	EP		0346	00.84	1.46							1.0

September 19 2023 Hour: 5:28 34.0 Lat: 37.71N Lon: 73.69E Depth: 25F Agency: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	418	166	EP		0529	33.80	0.94							1.0
JMU	BZ	557	169	EP		0529	50.19	0.50							1.0
JMU	BE	557	169	ES		0530	44.86-0.09								1.0
JMU	BN	557	169	IAML		0530	51.33			291	0.4				
THN	BZ	615	161	EP		0529	57.43	0.49							1.0
THN	BN	615	161	ES		0530	56.53-0.98								1.0
THN	BN	615	161	IAML		0531	02.10			186	0.5				
DHRM	HZ	651	158	EP		0530	01.41-0.61								1.0
DHRM	HE	651	158	ES		0531	06.34	0.05							1.0
DHRM	HN	651	158	IAML		0531	10.14			277	0.3				
HNLY	BZ	728	137	EP		0530	10.94	0.15							1.0
BHK	BZ	743	160	EP		0530	12.84	0.42							1.0
BHK	BN	743	160	ES		0531	24.22-0.06								1.0
BHK	BN	743	160	IAML		0531	31.74			102	0.6				
SDNR	BZ	745	156	EP		0530	11.93-0.86								1.0

SDNR	BE	745	156	ES	0531	23.83-1.10										1.0
SMLA	HZ	797	155	EP	0530	18.84-0.50										1.0
SMLA	HE	797	155	ES	0531	37.80 1.55										1.0
SMLA	HN	797	155	IAML	0531	39.10		138	0.4							
UTK	BZ	889	149	EP	0530	29.98-0.57										1.0
UTK	BE	889	149	ES	0531	56.34 0.68										1.0
UTK	BN	889	149	IAML	0532	02.08		2802	0.3							

September 19 2023 Hour: 19:14 4.4 Lat: 25.90N Lon: 91.01E Depth: 15 Agency: 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
GUWA	SZ	76	65	EP		1914	18.01	0.27							1.0
GUWA	SN	76	65	ES		1914	27.23-0.24								1.0
TURA	SZ	90	242	EP		1914	20.31	0.20							1.0
TURA	SN	90	242	ES		1914	31.33-0.24								1.0
TURA	SN	90	242	IAML		1914	32.00			2255	0.3				
SHL	HZ	105	110	EP		1914	22.83-0.10								1.0
SHL	HE	105	110	ES		1914	34.46-2.00								1.0
SHL	HN	105	110	IAML		1914	36.64			1284	0.2				
TAWA	SZ	206	24	EP		1914	36.37	0.27							1.0
TAWA	SN	206	24	ES		1914	58.81-0.43								1.0
TAWA	SN	206	24	IAML		1915	00.14			1522	0.3				
GTK	SZ	287	304	EP		1914	45.06-0.75								1.0
GTK	SE	287	304	ES		1915	15.97-0.06								1.0
GTK	SE	287	304	IAML		1915	19.55			151	0.3				
AZL	SZ	294	144	EP		1914	46.78	0.61							1.0
KOHI	SZ	311	93	EP		1914	49.95	1.13							1.0
KOHI	SE	311	93	ES		1915	22.62	1.37							1.0
KOHI	SN	311	93	IAML		1915	26.66			22	0.3				
ZIRO	SN	335	57	ES		1915	25.40	0.03							1.0
ZIRO	SN	335	57	IAML		1915	28.26			121	0.5				
MOKO	SZ	354	82	EP		1914	54.24	0.30							1.0
MOKO	SZ	354	82	ES		1915	29.73-0.36								1.0

September 19 2023 Hour: 22: 2 38.0 Lat: 25.68N Lon: 91.76E Depth: 5F Agency: 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
SHL	HZ	26	119	EP		2202	42.58-0.56								1.0
SHL	HE	26	119	ES		2202	45.19-1.71								1.0
SHL	HE	26	119	IAML		2202	45.32			5364	0.1				
GUWA	SZ	57	353	EP		2202	48.14	0.21							1.0
GUWA	SE	57	353	ES		2202	55.03-0.14								1.0
GUWA	SE	57	353	IAML		2202	55.16			238	0.2				
TURA	SZ	155	264	EP		2203	03.98-0.19								1.0
TURA	SN	155	264	ES		2203	21.90-1.37								1.0
TURA	SN	155	264	IAML		2203	23.13			532	0.2				
TAWA	SZ	212	3	EP		2203	12.62	0.88							1.0
TAWA	SN	212	3	ES		2203	35.30-1.07								1.0
TAWA	SE	212	3	IAML		2203	39.30			152	0.2				
AZL	SZ	235	156	EP		2203	14.64	0.78							1.0
AZL	SE	235	156	ES		2203	40.65	0.62							1.0
AZL	SN	235	156	IAML		2203	45.25			9	0.3				
KOHI	SZ	236	88	EP		2203	16.20	1.75							1.0
KOHI	SE	236	88	ES		2203	41.04-0.02								1.0
KOHI	SN	236	88	IAML		2203	50.83			54	0.7				
ITAN	SZ	254	50	EP		2203	16.10-0.13								1.0
ITAN	SE	254	50	ES		2203	43.73-0.40								1.0
ITAN	SN	254	50	IAML		2203	53.85			99	0.3				
ZIRO	SZ	292	45	EP		2203	21.13	0.34							1.0
ZIRO	SE	292	45	ES		2203	52.34	0.32							1.0
ZIRO	SN	292	45	IAML		2204	04.08			229	0.9				
JMUI	BZ	563	263	EP		2203	54.61	0.68							1.0

September 20 2023 Hour: 23:54 1.8 Lat: 36.57N Lon: 71.43E Depth: 25F Agency: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BE	523	142	ES		2356	00.88	0.22							1.0
THN	BZ	609	137	EP		2355	21.94	0.88							1.0
THN	BN	609	137	ES		2356	19.59	0.66							1.0
THN	BN	609	137	IAML		2356	22.68			71	0.2				
DHRM	HZ	656	135	EP		2355	27.86	0.34							1.0
DHRM	HN	656	135	ES		2356	30.63	0.52							1.0
DHRM	HN	656	135	IAML		2356	32.50			123	0.3				
BHK	BN	734	140	ES		2356	44.72-0.45								1.0
BHK	BE	734	140	IAML		2356	49.03			42	0.2				
SDNR	BZ	753	136	EP		2355	37.97-0.65								1.0
SDNR	BN	753	136	ES		2356	48.89-0.42								1.0
SDNR	BN	753	136	IAML		2356	51.96			547	0.3				
SMLA	HZ	804	137	EP		2355	44.50-0.58								1.0
SMLA	HE	804	137	ES		2356	59.97-0.51								1.0
SMLA	HE	804	137	IAML		2357	02.81			46	0.2				
UTK	BE	917	133	ES		2357	24.42-0.01								1.0
UTK	BN	917	133	IAML		2357	28.26			64	0.2				

September 21 2023 Hour: 1:13 51.4 Lat: 54.61N Lon: 160.50W Depth: 5 Agency: NCS Distant
Magnitudes: 6.4Mb NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	8490	298	EP		0125	42.03-0.13								1.0
ZIRO	SZ	8490	298	IAMB		0125	44.21			572	1.3				
MOKO	SZ	8561	297	EP		0125	46.78	0.53							1.0
TAWA	SZ	8596	300	EP		0125	47.32-0.86								1.0
TAWA	SZ	8596	300	IAMB		0125	50.81			279	3.0				
KOHI	SZ	8638	297	EP		0125	49.90-0.33								1.0
ALCI	BZ	8731	314	EP		0125	54.81	0.58							1.0
ALCI	BZ	8731	314	IAMB		0125	56.69			518	1.0				
GUWA	SZ	8733	299	EP		0125	53.47-0.92								1.0
GUWA	SZ	8733	299	IAMB		0125	55.21			375	1.0				
SHL	HZ	8773	299	EP		0125	56.13-0.79								1.0
HNLY	BZ	8784	312	EP		0125	57.73	0.87							1.0
HNLY	BZ	8784	312	IAMB		0125	59.28			243	0.9				
SILR	SZ	8799	298	EP		0125	59.32	1.67							0.9
SILR	SZ	8799	298	IAMB		0126	01.40			1614	1.2				
GTK	SZ	8801	302	EP		0125	58.61	0.35							1.0
GTK	SZ	8801	302	IAMB		0125	59.96			338	1.3				
TURA	SZ	8877	300	EP		0126	01.08-0.45								1.0
TURA	SZ	8877	300	IAMB		0126	03.45			635	1.5				
AZL	SZ	8900	297	EP		0126	03.27	0.57							1.0
DHRM	HZ	8961	314	EP		0126	05.86-0.17								1.0
DHRM	HZ	8961	314	IAMB		0126	08.20			738	1.5				
THN	BZ	8965	315	EP		0126	06.20	0.66							1.0
THN	BZ	8965	315	IAMB		0126	07.26			453	0.9				
JOSI	BZ	8968	311	EP		0126	07.13	1.28							0.9
JOSI	BZ	8968	311	IAMB		0126	08.04			206	0.9				
SDNR	BZ	9001	313	EP		0126	07.15-0.13								1.0
SDNR	BZ	9001	313	IAMB		0126	08.27			197	0.9				
UTK	BZ	9005	312	EP		0126	07.57-0.14								1.0
UTK	BZ	9005	312	IAMB		0126	09.55			501	1.0				
PTH	BZ	9028	310	EP		0126	08.72-0.50								1.0
SMLA	HZ	9028	313	EP		0126	08.68-0.12								1.0
SMLA	HZ	9028	313	IAMB		0126	10.01			1021	1.1				
BHK	BZ	9040	314	EP		0126	09.55	0.48							1.0
BHK	BZ	9040	314	IAMB		0126	10.71			684	1.1				
LGTI	BZ	9052	310	EP		0126	08.87-1.63								0.9
LGTI	BZ	9052	310	IAMB		0126	11.00			83	1.0				
NDI	HZ	9261	312	EP		0126	19.29-0.25								1.0
NDI	HZ	9261	312	IAMB		0126	20.53			412	1.3				

NPL	BZ	9268	312	EP	0126	19.91	0.07									1.0
NPL	BZ	9268	312	IAmb	0126	21.62			433	1.0						
AYAN	BZ	9284	312	EP	0126	20.27	-0.42									1.0
AYAN	BZ	9284	312	IAmb	0126	21.54			140	1.3						
KUDL	HZ	9348	312	EP	0126	23.47	-0.08									1.0
JHNI	BZ	9502	309	EP	0126	29.76	-0.79									1.0
JHNI	BZ	9502	309	IAmb	0126	31.84			487	1.0						
AJM	BZ	9603	313	EP	0126	34.88	-0.21									1.0
AJM	BZ	9603	313	IAmb	0126	36.59			172	1.0						
BWNR	BZ	9611	301	EP	0126	36.30	0.71									1.0
BHPL	HZ	9774	309	EP	0126	42.19	-0.36									1.0
RAGD	BZ	9836	302	EP	0126	45.83	0.53									1.0
RAGD	BZ	9836	302	IAmb	0126	48.06			427	1.3						
NGP	BZ	9889	306	EP	0126	47.33	-0.19									1.0
NGP	BZ	9889	306	IAmb	0126	49.38			369	1.0						
VISK	HZ	9987	301	EP	0126	51.92	0.25									1.0
VISK	HZ	9987	301	IAmb	0126	54.46			367	1.0						
HYB	HZ	10274	305	EP	0127	03.90	0.18									1.0
LATR	BZ	10285	307	EP	0127	03.94	-0.16									1.0

September 21 2023 Hour: 6:34 24.7 Lat: 36.94N Lon: 68.97E Depth: 59 Agency: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	707	129	ES		0637	01.02	0.21							1.0
THN	BN	800	127	EP		0636	05.88	-0.53							1.0
THN	BN	800	127	ES		0637	20.08	-0.59							1.0
THN	BN	800	127	IAML		0637	26.46			71	0.9				
BHK	BE	919	130	ES		0637	47.25	1.68							1.0
BHK	BE	919	130	IAML		0637	50.21			361	0.2				
SDNR	BZ	945	127	EP		0636	24.77	0.74							1.0
SDNR	BE	945	127	ES		0637	51.15	-0.01							1.0
SDNR	BN	945	127	IAML		0637	56.20			26	0.5				
NDI	HE	1196	138	ES		0638	42.83	-1.28							1.0
NDI	HN	1196	138	IAML		0638	45.69			29	0.9				
JOSI	BZ	1209	123	EP		0636	56.25	-0.10							1.0
JOSI	BN	1209	123	ES		0638	47.51	0.44							1.0
JOSI	BN	1209	123	IAML		0638	48.24			8	0.3				
ALCI	BE	803	110	ES		0637	21.05	-0.56							1.0
ALCI	BE	803	110	IAML		0637	22.40			280	0.3				

September 21 2023 Hour: 21:11 11.5

Agency: Distant

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ			EP		2123	52.16								
BOKR	HZ			EP		2124	14.83								
MDRS	HZ			EP		2124	26.62								
VISK	HZ			EP		2124	18.29								
DDI	HZ			EP		2124	51.63								
DHRM	HZ			EP		2125	01.48								
SMLA	HZ			EP		2124	55.88								
JORH	HZ			EP		2123	45.66								
GUWA	SZ			EP		2123	55.11								
GTK	SZ			EP		2124	11.08								
MOKO	SZ			EP		2123	44.29								
SILR	SZ			EP		2123	50.48								
ITAN	SZ			EP		2123	49.93								
KOHI	SZ			EP		2123	44.43								
ZIRO	SZ			EP		2123	49.79								
BWNR	BZ			EP		2124	12.77								
JMUI	BZ			EP		2124	16.33								
GKPR	BZ			EP		2125	03.72								
BNDA	BZ			EP		2124	39.49								
AYAN	BZ			EP		2124	55.26								
HRYA	BZ			EP		2124	33.62								
NGP	BZ			EP		2124	41.60								

SHBG	BZ	EP	2124	12.05
VAR	BZ	EP	2124	30.73
VLK	BZ	EP	2124	27.56
SDNR	BZ	EP	2124	58.38
RAGD	BZ	EP	2124	21.41
PTH	BZ	EP	2124	43.79
UJWA	BZ	EP	2124	56.08
LKN	BZ	EP	2124	40.12
KUDL	HZ	EP	2124	56.63
ALCI	BZ	EP	2124	59.11
BRCH	BZ	EP	2124	38.05
HYB	HZ	EP	2124	38.96
SALM	BZ	EP	2124	35.39
NDI	HZ	EP	2124	55.45
KNKR	BZ	EP	2124	25.59
LATR	BZ	EP	2124	47.29
JHNI	BZ	EP	2124	46.82
TAWA	SZ	EP	2123	57.97
JPG	BZ	EP	2124	08.40
STMR	BZ	EP	2124	21.96
THN	BZ	EP	2125	03.62
BKNR	BZ	EP	2125	11.25
JOSI	BZ	EP	2124	50.22
AZL	SZ	EP	2123	46.90
BHPL	HZ	EP	2124	48.97

September 22 2023 Hour: 0:33 55.5 Lat: 17.65N Lon: 94.69E Depth: 10F Agency: NCS Local
Magnitudes: 3.9ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SN	706	343	EP		0035	29.28	0.96							1.0
AZL	SE	706	343	ES		0036	36.58	0.53							1.0
AZL	SN	706	343	IAML		0036	39.17			32	0.3				
KOHI	SZ	896	356	EP		0035	52.06	0.04							1.0
KOHI	SN	896	356	ES		0037	17.75	0.69							1.0
KOHI	SN	896	356	IAML		0037	20.54			73	0.5				
SHL	HE	921	343	ES		0037	20.71-1.47								1.0
MOKO	SZ	961	359	EP		0035	59.81-0.05								1.0
MOKO	SZ	961	359	ES		0037	31.38	0.76							1.0
MOKO	SZ	961	359	IAML		0037	34.50			9	0.2				
TURA	SN	986	333	ES		0037	35.91	0.62							1.0
TURA	SN	986	333	IAML		0037	37.97			40	0.3				
GUWA	SN	996	342	ES		0037	36.36-0.83								1.0
ITAN	SZ	1057	355	EP		0036	10.55-0.60								1.0
ITAN	SN	1057	355	ES		0037	49.94-0.20								1.0
ITAN	SN	1057	355	IAML		0037	52.67			106	0.3				
ZIRO	SZ	1098	356	EP		0036	15.31-0.82								1.0
ZIRO	SE	1098	356	ES		0037	58.35-0.40								1.0
ZIRO	SN	1098	356	IAML		0038	01.03			99	0.3				
TAWA	SZ	1139	346	EP		0036	22.27	0.41							1.0
TAWA	SN	1139	346	ES		0038	09.02	0.35							1.0
TAWA	SN	1139	346	IAML		0038	11.83			170	0.3				

September 22 2023 Hour: 2:21 41.2 Lat: 36.61N Lon: 70.84E Depth: 160F Agency: NCS Local
Magnitudes: 4.6ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	459	127	EP		0222	47.32-0.59								1.0
SRIN	BN	459	127	ES		0223	35.41-1.22								1.0
SRIN	BN	459	127	IAML		0223	38.72			11834	0.5				
JMU	BZ	560	138	EP		0222	59.55	0.68							1.0
JMU	BN	560	138	ES		0223	56.66	1.07							1.0
JMU	BN	560	138	IAML		0223	59.54			2243	0.5				
ALCI	BZ	634	113	EP		0223	07.67	0.27							1.0
ALCI	BN	634	113	ES		0224	10.49	0.15							1.0
ALCI	BN	634	113	IAML		0224	12.15			893	0.9				

THN	BZ	649	134	EP	0223	09.27	0.39									1.0
THN	BN	649	134	ES	0224	12.64	-0.26									1.0
THN	BN	649	134	IAML	0224	14.52			1286	0.7						
DHRM	HZ	697	132	EP	0223	15.31	0.26									1.0
SDNR	BZ	793	133	EP	0223	25.81	0.43									1.0
SDNR	BE	793	133	ES	0224	41.63	0.18									1.0
SDNR	BE	793	133	IAML	0224	44.86			358	0.6						
SMLA	HZ	844	134	EP	0223	31.53	0.07									1.0
HNLY	BZ	857	117	EP	0223	33.42	0.50									1.0
HNLY	BE	857	117	ES	0224	54.52	0.03									1.0
HNLY	BN	857	117	IAML	0225	00.14			589	0.7						
UTK	BZ	960	131	EP	0223	45.03	0.08									1.0
UTK	BN	960	131	ES	0225	14.98	-0.32									1.0
UTK	BN	960	131	EP	0225	18.87	93.9									0.0
UTK	BN	960	131	IAML	0225	18.94			424	0.4						
JOSI	BZ	1051	127	EP	0223	56.21	0.68									1.0
JOSI	BN	1051	127	ES	0225	34.22	0.60									1.0
JOSI	BN	1051	127	IAML	0225	40.82			127	0.4						
NDI	HZ	1062	144	EP	0223	56.46	-0.23									1.0
NDI	HN	1062	144	ES	0225	36.55	0.94									1.0
NDI	HN	1062	144	IAML	0225	38.50			92	0.6						
AYAN	BZ	1077	145	EP	0223	57.94	-0.53									1.0
AYAN	BN	1077	145	ES	0225	38.03	-0.67									1.0
AYAN	BN	1077	145	IAML	0225	41.19			101	0.5						
KUDL	HZ	1078	149	EP	0223	57.97	-0.64									1.0
KUDL	HE	1078	149	ES	0225	38.92	-0.01									1.0
KUDL	HE	1078	149	IAML	0225	40.11			186	0.6						
PTH	BZ	1170	129	EP	0224	09.13	-0.89									1.0
PTH	BE	1170	129	ES	0225	57.76	-0.92									1.0
PTH	BE	1170	129	IAML	0226	04.07			541	0.2						
AJM	BZ	1185	161	EP	0224	10.75	-0.47									1.0
AJM	BE	1185	161	ES	0226	01.16	0.40									1.0
AJM	BN	1185	161	IAML	0226	09.44			57	0.4						

September 22 2023 Hour: 6:58 25.2 Lat: 38.38N Lon: 72.77E Depth: 80 Agency: NCS Local
Magnitudes: 3.0ML NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
THN	BZ	714	156	EP		0659	56.70	0.16							1.0
THN	BN	714	156	ES		0701	02.59	-0.63							1.0
THN	BN	714	156	IAML		0701	05.90			55	0.6				
HNLY	BZ	838	136	EP		0700	10.84	-0.85							1.0
SDNR	BZ	848	152	EP		0700	13.03	0.23							1.0
SDNR	BE	848	152	ES		0701	32.24	0.88							1.0
SDNR	BN	848	152	IAML		0701	35.26			24	0.2				
UTK	BZ	995	147	EP		0700	30.55	-0.43							1.0
UTK	BE	995	147	ES		0702	03.44	0.62							1.0
UTK	BN	995	147	IAML		0702	09.17			943	0.5				
KUDL	HZ	1187	162	EP		0700	54.79	0.96							1.0
KUDL	HE	1187	162	ES		0702	41.39	-0.94							1.0
KUDL	HE	1187	162	IAML		0702	45.27			11	0.6				

September 22 2023 Hour: 8:49 33.7 Lat: 29.52N Lon: 81.14E Depth: 5 Agency: NCS Local
Magnitudes: 3.0ML NCS

Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	109	294	EP		0849	52.03	-0.23							1.0
PTH	BN	109	294	ES		0850	05.92	-0.53							1.0
PTH	BE	109	294	IAML		0850	10.11			426	0.2				
LGTI	BZ	113	282	EP		0849	54.26	1.03							1.0
LGTI	BE	113	282	ES		0850	07.85	-0.28							1.0
LGTI	BN	113	282	IAML		0850	11.48			1611	0.3				
JOSI	BZ	221	313	EP		0850	07.37	-0.36							1.0
JOSI	BN	221	313	ES		0850	34.63	1.41							1.0
JOSI	BN	221	313	IAML		0850	37.89			100	0.3				
UTK	BE	318	303	ES		0850	53.59	-0.30							1.0

UTK	BN	318	303	IAML	0851	06.03			146	0.5									
HNL	Y	BZ	452	332	EP	0850	35.17	-0.74											1.0
KUD	L	HZ	478	257	EP	0850	52.31	13.3											0.0
KUD	L	HE	478	257	ES	0851	49.33	22.0											0.0

September 22 2023 Hour: 10:52 6.1 Lat: 36.31N Lon: 71.52E Depth:221 Agency: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	495	141	EP		1053	14.79	0.43							1.0
JMU	BN	495	141	ES		1054	04.64	0.48							1.0
JMU	BN	495	141	IAML		1054	07.74			635	0.6				
ALCI	BE	565	113	ES		1054	18.34	0.07							1.0
ALCI	BN	565	113	IAML		1054	21.05			1172	0.3				
THN	BZ	582	136	EP		1053	24.10	-0.21							1.0
THN	BN	582	136	ES		1054	20.40	-0.98							1.0
THN	BN	582	136	IAML		1054	25.23			220	0.4				
DHRM	HZ	630	134	EP		1053	30.18	-0.31							1.0
DHRM	HN	630	134	ES		1054	31.47	-0.60							1.0
DHRM	HN	630	134	IAML		1054	34.65			502	0.4				
BHK	BN	706	139	ES		1054	47.59	1.48							1.0
BHK	BN	706	139	IAML		1054	51.29			186	0.2				
SDNR	BZ	726	135	EP		1053	41.50	0.51							1.0
SDNR	BN	726	135	ES		1054	50.39	0.14							1.0
SDNR	BN	726	135	IAML		1054	51.97			91	0.3				
SMLA	HZ	777	136	EP		1053	45.67	-1.50							1.0
SMLA	HN	777	136	ES		1055	00.25	-0.69							1.0
SMLA	HN	777	136	IAML		1055	04.67			135	0.4				
UTK	BZ	892	132	EP		1054	01.98	1.33							1.0
UTK	BN	892	132	ES		1055	24.42	0.17							1.0
UTK	BN	892	132	IAML		1055	29.08			165	0.2				
KUDL	HZ	1019	151	EP		1054	15.17	-0.28							1.0
KUDL	HE	1019	151	ES		1055	49.79	-0.06							1.0
KUDL	HN	1019	151	IAML		1055	53.14			122	0.3				

September 22 2023 Hour: 11:39 10.4 Lat: 19.27N Lon: 72.14E Depth: 10F Agency: NCS Local
Magnitudes: 3.7ML NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BHV	BN	275	0	EP		1139	50.57	0.10							1.0
BHV	BE	275	0	ES		1140	20.01	0.28							1.0
BHV	BN	275	0	IAML		1140	22.15			431	0.2				
KAD	BZ	306	135	EP		1139	54.47	0.18							1.0
KAD	BE	306	135	ES		*1140	33.01	6.66							0.0
LATR	BZ	472	101	EP		1140	14.48	-0.11							1.0
LATR	BN	472	101	ES		1141	02.01	0.55							1.0
LATR	BN	472	101	IAML		1141	06.13			256	0.3				
NGP	BZ	752	73	EP		1140	47.78	-1.01							1.0

September 22 2023 Hour: 13:26 44.2 Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
RAGD	BN			ES		1329	02.20								
RAGD	BZ			EP		1328	08.03								
HYB	HN			ES		1327	25.88								
NGP	BN			ES		1328	57.33								
HYB	HZ			EP		1327	10.45								

September 22 2023 Hour: 13:53 46.3 Lat: 36.66N Lon: 70.73E Depth:110F Agency: NCS Local
Magnitudes: 4.1ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	572	138	ES		1356	01.32	0.45							1.0
ALCI	BE	646	113	ES		1356	15.48	-0.46							1.0
ALCI	BN	646	113	IAML		1356	17.66			112	0.3				
THN	BZ	661	134	EP		1355	14.95	0.67							1.0
THN	BN	661	134	ES		1356	18.11	-0.41							1.0
THN	BN	661	134	IAML		1356	19.74			183	0.6				

DHRM	HZ	709	132	EP	1355	19.92-0.62											1.0
DHRM	HN	709	132	ES	1356	28.98-0.37											1.0
DHRM	HN	709	132	IAML	1356	31.02			329	0.5							
SDNR	BZ	805	133	EP	1355	31.64 0.64											1.0
SDNR	BE	805	133	ES	1356	48.20 0.76											1.0
SDNR	BN	805	133	IAML	1356	48.28			48	0.5							
SMLA	HZ	855	134	EP	1355	37.51 0.38											1.0
SMLA	HN	855	134	ES	1356	57.39-0.66											1.0
SMLA	HN	855	134	IAML	1357	01.81			654	0.3							
UTK	BZ	971	130	EP	1355	50.44-0.31											1.0
UTK	BN	971	130	ES	1357	22.42 0.82											1.0
UTK	BN	971	130	IAML	1357	24.76			854	0.4							
KUDL	HZ	1089	149	EP	1356	03.71-0.65											1.0
KUDL	HE	1089	149	ES	1357	44.91-0.24											1.0
KUDL	HN	1089	149	IAML	1357	48.59			6	0.5							

September 22 2023 Hour: 17:40 11.4 Lat: 36.27N Lon: 69.92E Depth: 10F Agency: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BZ	594	129	EP		1741	30.74	0.34							1.0
JMU	BE	594	129	ES		1742	29.33	1.22							1.0
JMU	BE	594	129	IAML		1742	34.03			117	0.3				
THN	BZ	688	126	EP		1741	42.78	0.85							1.0
THN	BN	688	126	ES		1742	48.92	0.87							1.0
ALCI	BE	699	107	ES		1742	49.79-0.93								1.0
DHRM	HN	738	125	EP		1741	48.97	0.22							1.0
DHRM	HN	738	125	ES		1743	00.23	0.38							1.0
DHRM	HN	738	125	IAML		1743	00.57			266	0.5				
SDNR	BZ	832	127	EP		1741	59.96	0.41							1.0
SDNR	BE	832	127	ES		1743	18.89	0.36							1.0
SDNR	BN	832	127	IAML		1743	20.72			39	0.4				
SMLA	HZ	881	128	EP		1742	05.81	0.04							1.0
SMLA	HN	881	128	ES		1743	28.82-0.47								1.0
SMLA	HN	881	128	IAML		1743	31.84			56	0.3				
UTK	BZ	1002	125	EP		1742	20.06-0.39								1.0
UTK	BN	1002	125	ES		1743	53.60-1.09								1.0
UTK	BN	1002	125	IAML		1743	56.66			103	0.5				
KUDL	HZ	1093	144	EP		1742	30.11-1.21								1.0
KUDL	HE	1093	144	ES		1744	12.89-0.60								1.0
KUDL	HE	1093	144	IAML		1744	16.43			26	0.5				

September 22 2023 Hour: 22:29 29.4 Lat: 28.20N Lon: 76.45E Depth: 18 Agency: NCS Local
Magnitudes: 2.7ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KUDL	HZ	8	151	EP		2229	33.08	0.16							1.0
KUDL	HE	8	151	ES		2229	35.05-0.43								1.0
KUDL	HE	8	151	IAML		2229	35.19			1515	0.1				
JHJR	BN	49	23	ES		2229	45.44	0.21							1.0
UJWA	BZ	61	47	EP		2229	40.92	0.47							1.0
AYAN	BN	73	65	ES		2229	51.29-0.63								1.0
AYAN	BE	73	65	IAML		2229	52.37			69	0.1				
NPL	BZ	86	55	EP		2229	44.59	0.38							1.0
NPL	BN	86	55	ES		2229	55.24	0.23							1.0
NPL	BN	86	55	IAML		2229	55.58			194	0.3				
NDI	HZ	92	54	EP		2229	45.50	0.34							1.0
NDI	HN	92	54	ES		2229	56.41-0.24								1.0
NDI	HN	92	54	IAML		2229	57.21			42	0.1				
RTK	BN	93	358	ES		2229	56.38-0.48								1.0
RTK	BN	93	358	IAML		2229	57.05			789	0.3				
RTK	BN	93	358	IAML		2229	57.06			771	0.2				

September 22 2023 Hour: 22:34 13.8 Lat: 29.39N Lon: 95.18E Depth: 10F Agency: NCS Local
 Magnitudes: 3.8ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	245	213	EP		2234	50.54	0.34							1.0
ZIRO	SE	245	213	ES		*2235	09.57-7.21								0.0
ITAN	SZ	287	210	EP		2234	54.63-0.83								1.0
ITAN	SN	287	210	ES		2235	23.86-2.03								1.0
ITAN	SE	287	210	IAML		2235	25.68			843	0.2				
JORH	HZ	308	198	EP		2234	58.17	0.31							1.0
JORH	HN	308	198	ES		2235	29.66-0.39								1.0
MOKO	SZ	347	191	EP		2235	03.54	0.42							1.0
MOKO	SZ	347	191	ES		2235	40.39	1.25							1.0
MOKO	SZ	347	191	IAML		2235	43.16			606	0.4				
TAWA	SZ	381	239	EP		2235	07.59	0.08							1.0
TAWA	SN	381	239	ES		2235	47.44	0.71							1.0
TAWA	SN	381	239	IAML		2235	50.85			600	0.3				
KOHI	SZ	421	195	EP		2235	11.42-0.77								1.0
KOHI	SN	421	195	ES		2235	55.37	0.53							1.0
KOHI	SN	421	195	IAML		2236	06.89			258	0.3				
GUWA	SN	494	225	ES		2236	09.77	0.37							1.0

September 22 2023 Hour: 23:38 51.6 Agency: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SMLA	HZ			EP		2341	06.56								
SMLA	HE			ES		2342	19.37								
DHRM	HZ			EP		2340	51.37								
DHRM	HN			ES		2341	55.26								
THN	BZ			EP		2340	48.76								
PTH	BZ			EP		2340	09.18								
LGTI	BZ			EP		2340	33.56								
ALCI	BZ			EP		2339	47.00								

September 22 2023 Hour: 23:52 38.2 Lat: 25.38N Lon: 95.55E Depth: 10F Agency: 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
MOKO	SZ	147	315	EP		2353	04.57	1.43							1.0
MOKO	SZ	147	315	ES		*2353	23.61	2.28							0.0
MOKO	SZ	147	315	IAML		2353	26.75			979	0.3				
KOHI	SZ	149	285	EP		2353	04.34	0.80							1.0
KOHI	SN	149	285	ES		2353	22.47	0.45							1.0
KOHI	SN	149	285	IAML		2353	26.51			119	0.4				
ITAN	SZ	267	317	EP		2353	18.06	0.63							1.0
ITAN	SE	267	317	ES		2353	46.50	0.44							1.0
ITAN	SN	267	317	IAML		2353	48.13			97	0.1				
SILR	SN	285	257	ES		2353	49.85	0.18							1.0
SILR	SN	285	257	IAML		2353	54.23			111	0.3				
ZIRO	SN	292	325	EP		2353	20.64	0.24							1.0
ZIRO	SE	292	325	ES		2353	50.72-0.47								1.0
ZIRO	SN	292	325	IAML		2353	51.49			280	0.4				
AZL	SZ	342	238	EP		2353	24.98-1.59								1.0
AZL	SE	342	238	ES		2354	02.55	0.68							1.0
AZL	SN	342	238	IAML		2354	03.68			57	0.3				
GUWA	SZ	397	284	EP		*2353	31.25-1.98								0.0
GUWA	SN	397	284	ES		*2354	10.36-1.05								0.0
GUWA	SN	397	284	IAML		2354	11.61			55	0.3				
TAWA	SZ	441	305	EP		2353	37.84-1.48								1.0
TAWA	SE	441	305	ES		2354	22.60-1.32								1.0
TAWA	SN	441	305	IAML		2354	26.03			2230	0.2				

September 23 2023 Hour: 6:45 23.0

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GUWA	SZ			EP		0646	43.06								
GTK	SN			ES		0646	33.04								
ZIRO	SN			ES		0647	52.41								
GTK	SZ			EP		0646	21.24								
KOHI	SZ			EP		0647	14.43								
ZIRO	SZ			EP		0647	08.62								
GUWA	SE			ES		0647	36.75								

September 23 2023 Hour: 14:24 33.4 Lat: 16.82N Lon: 96.19E Depth: 20F Agency: NCS Local
 Magnitudes: 4.3ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	848	335	EP		1426	21.75	-0.63							1.0
AZL	SN	848	335	ES		1427	41.51	-0.40							1.0
AZL	SN	848	335	IAML		1427	48.08			29	0.8				
KOHI	SZ	1009	348	EP		1426	42.79	0.37							1.0
KOHI	SN	1009	348	ES		1428	16.12	-0.47							1.0
KOHI	SN	1009	348	IAML		1428	24.62			42	0.6				
MOKO	SZ	1066	351	EP		1426	50.03	0.67							1.0
MOKO	SZ	1066	351	ES		1428	29.56	0.97							1.0
MOKO	SZ	1066	351	IAML		1428	42.66			24	0.6				
GUWA	SZ	1137	337	EP	*	1426	55.67	-1.92							0.0
GUWA	SN	1137	337	ES		1428	42.93	2.02							1.0
GUWA	SN	1137	337	IAML		1428	47.79			168	0.4				
BWNR	BZ	1159	291	EP		1427	01.73	1.53							1.0
BWNR	BN	1159	291	ES		1428	47.16	-0.18							1.0
BWNR	BN	1159	291	IAML		1428	52.36			85	0.7				
ITAN	SZ	1171	348	EP		1427	02.58	0.80							1.0
ITAN	SN	1171	348	ES		1428	49.39	-0.69							1.0
ITAN	SN	1171	348	IAML		1428	55.71			1140	0.3				
ZIRO	SZ	1210	349	EP		1427	07.01	0.55							1.0
TAWA	SZ	1273	340	EP		1427	14.06	-0.82							1.0
GTK	SZ	1401	327	EP		1427	29.30	-1.02							1.0
GTK	SE	1401	327	ES		1429	38.76	-0.69							1.0
GTK	SN	1401	327	IAML		1429	41.47			251	0.2				

September 23 2023 Hour: 20:22 41.8

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		2024	18.90								
TAWA	SZ			EP		2024	37.47								
TURA	SZ			EP		2025	34.46								

September 23 2023 Hour: 23:22 46.6 Lat: 31.58N Lon: 77.10E Depth: 5F Agency: 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
SDNR	BZ	19	257	EP		2322	49.86	-0.07							1.0
SDNR	BN	19	257	ES		2322	52.83	0.48							1.0
SDNR	BN	19	257	IAML		2322	54.94			691	0.1				
SMLA	HZ	50	172	EP		2322	54.93	-0.68							1.0
SMLA	HE	50	172	ES		2323	03.43	1.26							1.0
SMLA	HN	50	172	IAML		2323	05.04			678	0.3				
BHK	BZ	71	254	EP		2322	59.03	0.04							1.0
DHRM	HZ	106	315	EP		2323	04.06	-1.64							1.0
DHRM	HE	106	315	ES		2323	18.83	-0.80							1.0
DHRM	HN	106	315	IAML		2323	20.52			127	0.3				
THN	BZ	156	308	EP		2323	12.94	-0.49							1.0
THN	BN	156	308	ES		2323	33.70	0.69							1.0
THN	BN	156	308	IAML		2323	37.92			85	0.4				
UTK	BZ	159	126	EP		2323	12.75	-1.27							1.0
UTK	BN	159	126	ES		2323	34.05	0.02							1.0
UTK	BN	159	126	IAML		2323	36.26			1454	0.3				
JOSI	BZ	260	115	EP		2323	25.70	-0.64							1.0

JOSI	BN	260	115	ES	2323	55.25-0.09										1.0
JOSI	BN	260	115	IAML	2324	00.93			33	0.3						
ALCI	BZ	293	1	EP	2323	31.10 0.77										1.0
ALCI	BE	293	1	ES	2324	04.36 2.12										1.0
ALCI	BN	293	1	IAML	2324	09.54			315	0.4						
KUDL	HE	386	189	ES	2324	21.79 0.32										1.0
KUDL	HN	386	189	IAML	2324	25.21			8	0.3						

September 24 2023 Hour: 0:17 0.2 Lat: 24.98N Lon: 92.13E Depth: 23 Agency: NCS Local
Magnitudes: 3.6ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SHL	HZ	67	347	EP		0017	12.17-0.40								1.0
SHL	HE	67	347	ES		0017	21.08-0.51								1.0
SHL	HN	67	347	IAML		0017	22.12		13258	0.3					
SILR	SZ	71	108	EP		0017	12.20-0.51								1.0
SILR	SN	71	108	ES		0017	23.05 1.22								1.0
SILR	SN	71	108	IAML		0017	23.70		1175	0.3					
GUWA	SZ	142	342	EP		0017	22.13-0.36								1.0
GUWA	SN	142	342	ES		0017	39.08 0.34								1.0
GUWA	SN	142	342	IAML		0017	39.80		9810	0.4					
AZL	SZ	149	158	EP		0017	22.47-0.91								1.0
AZL	SE	149	158	ES		0017	40.07-0.22								1.0
AZL	SN	149	158	IAML		0017	41.69		680	0.6					
TURA	SZ	201	288	EP		0017	29.79-0.03								1.0
TURA	SE	201	288	ES		0017	51.98 0.55								1.0
TURA	SN	201	288	IAML		0017	56.03		421	0.2					
KOHI	SN	215	67	EP		0017	33.08 1.08								1.0
KOHI	SE	215	67	ES		0017	54.30-0.89								1.0
KOHI	SN	215	67	IAML		0017	59.41		567	0.5					
MOKO	SZ	282	58	EP		0017	41.00 0.94								1.0
MOKO	SZ	282	58	ES		0018	08.68-0.46								1.0
MOKO	SZ	282	58	IAML		0018	10.72		87	0.4					
ITAN	SZ	288	33	EP		0017	40.10-0.29								1.0
ITAN	SN	288	33	ES		0018	09.98 0.26								1.0
ITAN	SN	288	33	IAML		0018	11.60		336	0.2					
TAWA	SZ	291	355	EP		0017	41.94 0.54								1.0
TAWA	SN	291	355	ES		0018	11.87 0.40								1.0
ZIRO	SZ	330	31	EP		0017	45.01-0.54								1.0
ZIRO	SE	330	31	ES		0018	18.43-0.21								1.0
ZIRO	SN	330	31	IAML		0018	20.61		462	0.3					

September 24 2023 Hour: 1:27 43.0 Lat: 3.00N Lon: 97.30E Depth: 41 Agency: NCS Local
Magnitudes: 4.4MW NCS Rms: 0.5 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VISK	HZ	2232	318	EP		0132	13.60 0.79								1.0
BWNR	BZ	2280	328	EP		0132	17.13-0.40								1.0
AZL	SZ	2348	348	EP		0132	23.95-0.25								1.0
KOHI	SZ	2538	353	EP		0132	42.62-0.24								1.0
KOHI	SN	2538	353	ES		0136	50.94 0.22								1.0
KOHI	SN	2538	353	IAML		0137	10.45		18	1.5					
MOKO	SZ	2598	354	EP		0132	49.08 0.57								1.0
TURA	SZ	2605	344	EP		0132	47.85-0.76								1.0
GUWA	SZ	2636	347	EP		0132	51.79 0.65								1.0
BLSP	BZ	2672	323	EP		0132	54.83 0.70								1.0
ZIRO	SZ	2740	353	EP		0132	59.77 0.12								1.0
ZIRO	SE	2740	353	ES		0137	19.00-0.20								1.0
ZIRO	SE	2740	353	IAML		0137	20.83		368	0.3					
GTK	SZ	2847	342	EP		0133	08.68-0.24								1.0
JHNI	BZ	3191	323	EP		0133	35.25-0.88								1.0
AJM	BZ	3547	319	EP		0134	04.14-0.30								1.0
HNLY	BZ	3813	332	EP		0134	25.82 0.51								1.0
DHRM	HZ	3913	328	EP		0134	33.17-0.51								1.0
ALCI	BZ	4038	331	EP		0134	43.02 0.25								1.0

September 24 2023 Hour: 5:55 8.2 Lat: 14.53N Lon: 78.21E Depth: 5F Agency: NCS Local
 Magnitudes: 3.2ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
HYB	HE	322	7	ES		0556	28.92	0.13							1.0
KOD	BZ	482	190	EP		0556	13.91	-0.60							1.0
KOD	BE	482	190	ES		0557	03.38	0.48							1.0
KOD	BN	482	190	IAML		0557	18.96			46	0.4				
KAD	BE	529	306	ES		0557	12.02	-0.39							1.0
KAD	BN	529	306	ES		0557	12.80	0.39							1.0
KAD	BN	529	306	IAML		0557	15.92			70	0.3				

September 24 2023 Hour: 11:14 5.9 Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SN			ES		1117	38.06								
ZIRO	SZ			EP		1116	41.16								
ZIRO	SE			ES		1117	49.25								
TURA	SZ			EP		1117	24.90								
KOHI	SZ			EP		1116	37.16								
MOKO	SZ			EP		1116	28.95								
AZL	SZ			EP		1116	34.16								

September 24 2023 Hour: 16:12 14.5 Lat: 27.54N Lon: 92.59E Depth: 5F Agency: NCS Local
 Magnitudes: 2.6ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ZIRO	SZ	125	90	EP		1612	33.07	-1.35							1.0
ZIRO	SN	125	90	ES		1612	50.43	1.26							1.0
ZIRO	SN	125	90	IAML		1612	54.46			247	0.4				
SHL	HN	230	199	ES		1613	12.72	-0.41							1.0
SHL	HN	230	199	IAML		1613	13.47			489	0.2				
MOKO	SZ	234	125	EP		1612	48.38	-0.26							1.0
MOKO	SZ	234	125	ES		1613	14.09	0.19							1.0
MOKO	SZ	234	125	IAML		1613	22.14			18	0.2				
KOHI	SN	252	143	ES		1613	17.50	-0.25							1.0
KOHI	SN	252	143	IAML		1613	19.11			69	0.4				
TURA	SE	325	227	ES		1613	34.23	0.82							1.0
TURA	SN	325	227	IAML		1613	35.50			29	0.3				

September 24 2023 Hour: 16:34 40.9 Agency: Regional

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VISK	HZ	1670	315	EP		1638	08.02	-1.10							1.0
VISK	HE	1670	315	ES		1640	40.47	-0.66							1.0
VISK	HE	1670	315	IAML		1640	47.60			85	0.4				
MDRS	HZ	1688	293	EP		1638	12.40	1.16							1.0
MDRS	HN	1688	293	ES		1640	44.36	-0.43							1.0
MDRS	HN	1688	293	IAML		1640	48.58			113	0.6				
BWNR	BZ	1709	328	EP		1638	13.53	-0.26							1.0
RAGD	BZ	1778	319	EP		1638	21.61	-0.57							0.9
RAGD	BN	1778	319	ES		1641	05.13	1.41							0.9
RAGD	BE	1778	319	IAML		1641	13.15			21	1.0				
HYB	HZ	2059	304	EP		1638	56.82	0.70							0.7
MOKO	SZ	2103	0	EP		1639	01.58	-0.16							0.7
KOHI	SZ			EP		1638	50.28								
AZL	SZ	1827	354	EP		1638	28.44	0.39							0.9
TAWA	SZ			EP		1639	14.32								
GTK	SZ			EP		1639	18.58								
TURA	SZ			EP		1638	50.23								

September 24 2023 Hour: 17:39 2.3 Lat: 36.15N Lon: 70.93E Depth: 50F Agency: NCS Local
 Magnitudes: 4.1ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
JMU	BN	517	135	ES		1740	59.02	0.69							1.0
JMU	BE	517	135	IAML		1741	03.51			257	0.2				
ALCI	BN	608	109	ES		1741	18.64	0.65							1.0
THN	BZ	608	131	EP		1740	20.79	0.23							1.0
THN	BN	608	131	ES		1741	18.67	1.00							1.0
THN	BN	608	131	IAML		1741	21.81			384	0.3				
ALCI	BN	608	109	IAML		1741	22.34			95	0.3				
DHRM	HZ	657	130	EP		1740	26.74	-0.52							1.0
DHRM	HN	657	130	ES		1741	29.69	0.43							1.0
DHRM	HN	657	130	IAML		1741	32.74			706	0.4				
BHK	BZ	729	135	EP		1740	36.13	0.83							1.0
BHK	BN	729	135	ES		1741	43.32	0.15							1.0
BHK	BN	729	135	IAML		1741	47.97			177	0.2				
SDNR	BZ	753	131	EP		1740	38.53	0.33							1.0
SDNR	BN	753	131	ES		1741	48.49	0.30							1.0
SDNR	BN	753	131	IAML		1741	50.34			146	0.3				
SMLA	HZ	803	132	EP		1740	44.18	-0.36							1.0
SMLA	HN	803	132	ES		1741	58.81	-0.34							1.0
SMLA	HN	803	132	IAML		1742	02.26			159	0.2				
UTK	BZ	921	129	EP		1740	59.41	0.50							1.0
UTK	BN	921	129	ES		1742	24.00	-0.01							1.0
UTK	BN	921	129	IAML		1742	28.27			2744	0.2				
KUDL	HZ	1030	148	EP		1741	10.68	-1.34							1.0
KUDL	HN	1030	148	ES		1742	45.99	-0.70							1.0
KUDL	HN	1030	148	IAML		1742	49.62			23	0.2				
PTH	BN	1131	127	ES		1743	07.26	-1.87							1.0
LGTI	BN	1137	129	ES		1743	09.86	-0.76							1.0
LGTI	BE	1137	129	IAML		1743	12.74			17	0.2				
UDPR	BE	1309	167	ES		1743	46.39	0.77							1.0
UDPR	BE	1309	167	IAML		1743	49.66			23	0.6				

September 24 2023 Hour: 19: 6 47.1 Lat: 30.10N Lon: 79.97E Depth: 5F Agency: NCS Local
 Magnitudes: 2.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
PTH	BZ	61	159	EP		1906	59.24	0.90							1.0
PTH	BN	61	159	ES		1907	05.96	-0.61							1.0
PTH	BN	61	159	IAML		1907	08.00			120	0.2				
JOSI	BZ	64	322	EP		1906	57.77	-0.62							1.0
LGTI	BZ	79	172	EP		1907	02.06	0.58							1.0
LGTI	BN	79	172	ES		1907	11.51	-0.50							1.0
LGTI	BN	79	172	IAML		1907	13.44			18	0.2				
UTK	BN	163	296	ES		1907	34.13	-1.18							1.0
UTK	BN	163	296	IAML		1907	35.85			310	0.2				
SMLA	HN	292	294	ES		1908	04.01	1.43							1.0
SMLA	HN	292	294	IAML		1908	06.64			5	0.2				

September 24 2023 Hour: 19:32 23.5 Lat: 29.81N Lon: 91.17E Depth: 170F Agency: NCS Local
 Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
TAWA	SZ	255	164	EP		1933	04.47	1.38							1.0
TAWA	SN	255	164	ES		1933	34.07	2.11							1.0
TAWA	SN	255	164	IAML		1933	39.76			817	0.3				
ZIRO	SZ	364	133	EP		1933	15.72	-0.08							1.0
ZIRO	SN	364	133	ES		1933	54.80	0.85							1.0
ZIRO	SN	364	133	IAML		1933	58.11			1361	0.4				
GTK	SZ	373	223	EP		1933	16.97	-0.40							1.0
GTK	SN	373	223	ES		1933	56.87	0.21							1.0
GTK	SN	373	223	IAML		1934	01.15			1687	0.1				
ITAN	SZ	387	139	EP		1933	19.10	0.50							1.0
ITAN	SN	387	139	ES		1933	59.33	0.55							1.0

ITAN	SN	387	139	IAML	1934	04.51		580	0.3	
GUWA	SZ	404	173	EP	1933	20.58-0.02				1.0
GUWA	SE	404	173	ES	1934	02.55	0.29			1.0
GUWA	SN	404	173	IAML	1934	06.40		1254	0.1	
SHL	HZ	477	170	EP	1933	29.33-0.71				1.0
SHL	HE	477	170	ES	1934	17.47-1.12				1.0
SHL	HE	477	170	IAML	1934	19.88		160	0.2	
TURA	SZ	484	191	EP	1933	29.59-0.90				1.0
TURA	SN	484	191	ES	1934	18.07-1.29				1.0
TURA	SN	484	191	IAML	1934	25.07		4167	0.3	
MOKO	SZ	508	139	EP	1933	32.98-0.76				1.0
MOKO	SZ	508	139	ES	1934	24.83-0.16				1.0
MOKO	SZ	508	139	IAML	1934	26.45		3006	0.3	
KOHI	SZ	538	147	EP	1933	37.10-0.39				1.0
KOHI	SN	538	147	ES	1934	30.59-0.88				1.0
KOHI	SN	538	147	IAML	1934	33.96		203	0.2	
STM	BE	670	241	ES	1934	59.59	1.16			1.0
STM	BN	670	241	IAML	1935	02.25		424	0.4	
AZL	SZ	689	167	EP	1933	55.06-0.44				1.0
AZL	SN	689	167	ES	1935	02.71	0.09			1.0
AZL	SN	689	167	IAML	1935	09.46		1412	0.4	

September 24 2023 Hour: 21: 1 41.4 Lat: 7.07N Lon: 94.48E Depth: 26 Agency: NCS Regional
Magnitudes: 4.4MW NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
VISK	HZ	1689	315	EP		2105	13.47-0.50								1.0
BWNR	BZ	1732	328	EP		2105	19.92	0.93							1.0
AZL	SZ	1855	354	EP		2105	32.92-0.20								1.0
SILR	SN	1968	355	ES		2109	01.87-0.98								1.0
SHL	HZ	2064	353	EP		2105	55.69-1.13								1.0
KOHI	SZ	2065	359	EP		2105	56.46-0.41								1.0
KOHI	SN	2065	359	ES		2109	25.67	0.96							1.0
BOKR	HZ	2066	335	EP		2105	56.52-0.05								1.0
TAWA	SZ	2289	353	EP		2106	20.39	1.38							0.9
JHNI	BZ	2643	322	EP		2106	51.97	0.11							1.0

September 25 2023 Hour: 0:50 9.5

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
KOHI	SZ			EP		0052	45.21								
KOHI	SE			ES		0054	23.87								
AZL	SE			ES		0053	44.61								
MOKO	SZ			EP		0052	51.97								
MOKO	SZ			ES		0054	36.50								
ZIRO	SZ			EP		0053	09.90								
ZIRO	SN			ES		0055	03.41								
AZL	SZ			EP		0052	22.60								
SILR	SN			ES		0054	03.52								

September 25 2023 Hour: 3: 5 53.2 Lat: 31.10N Lon: 77.99E Depth: 5F Agency: 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
UTK	BZ	60	133	EP		0306	03.73-0.15								1.0
UTK	BE	60	133	ES		0306	11.08-0.57								1.0
UTK	BN	60	133	IAML		0306	14.84			2860	0.2				
SMLA	HZ	78	273	EP		0306	06.72-0.23								1.0
SMLA	HE	78	273	ES		0306	17.32	0.37							1.0
SMLA	HN	78	273	IAML		0306	18.63			303	0.2				
DDI	HN	86	176	ES		0306	19.30	0.21							1.0
DDI	HN	86	176	IAML		0306	23.30			670	0.2				
SDNR	BN	114	296	EP		0306	12.24-0.72								1.0
SDNR	BN	114	296	ES		0306	25.55-1.80								1.0
SDNR	BN	114	296	IAML		0306	28.65			2225	0.2				
JOSI	BN	162	111	EP		0306	20.32-0.64								1.0
JOSI	BN	162	111	ES		0306	41.68	0.48							1.0

JOSI	BN	162	111	IAML	0306	45.71			163	0.3							
DHRM	HZ	204	309	EP	0306	27.54	0.87										1.0
DHRM	HN	204	309	ES	0306	51.64	0.57										1.0
DHRM	HE	204	309	IAML	0306	52.47			233	0.4							
HNLY	BZ	208	26	EP	0306	27.12	0.50										1.0
HNLY	BE	208	26	ES	0306	50.35	-0.64										1.0
HNLY	BN	208	26	IAML	0306	52.67			24	0.3							
THN	BN	255	306	ES	0307	01.75	1.18										1.0
THN	BN	255	306	IAML	0307	07.74			86	0.3							
PTH	BZ	271	128	EP	0306	36.10	1.34										1.0
PTH	BN	271	128	ES	0307	04.28	-0.78										1.0
PTH	BE	271	128	IAML	0307	12.28			55	0.2							

September 25 2023 Hour: 4: 7 56.2

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MDRS	HN	1063	303	ES		0411	52.00	-0.92							1.0
SALM	BZ	1199	291	EP		0410	34.08	4.39							0.0
SALM	BN	1199	291	ES		0412	21.00	-0.71							1.0
SALM	BN	1199	291	IAML		0412	24.50			14	0.3				
VISK	HZ	1222	334	EP		0410	33.21	0.72							1.0
VISK	HZ	1222	334	ES		0412	26.04	-0.51							1.0
VISK	HN	1222	334	IAML		0412	30.76			260	0.3				
KOD	BZ	1229	283	EP		0410	34.59	0.94							1.0
KOD	BN	1229	283	ES		0412	28.84	0.27							1.0
KOD	BN	1229	283	IAML		0412	34.25			35	0.4				
VJD	BZ	1276	319	EP		0410	38.45	-0.58							1.0
VJD	BE	1276	319	ES		0412	37.12	-0.75							1.0
VJD	BN	1276	319	IAML		0412	39.96			46	0.4				
RAGD	BZ	1369	338	EP		0410	50.76	0.33							1.0
RAGD	BE	1369	338	ES		0412	58.18	0.60							1.0
RAGD	BE	1369	338	IAML		0413	09.59			276	0.3				
BWNR	BZ	1400	349	EP		0410	53.20	-1.01							1.0
BWNR	BN	1400	349	ES		0413	04.68	0.56							1.0
BWNR	BN	1400	349	IAML		0413	08.37			45	0.3				
HYB	HN	1503	316	ES		0413	27.73	1.66							1.0
HYB	HN	1503	316	IAML		0413	42.25			20	0.8				
BOKR	HZ	1785	352	EP		0411	40.43	-0.63							0.8
BOKR	HE	1785	352	ES		0414	24.90	-0.27							0.8
BOKR	HN	1785	352	IAML		0414	26.80			53	0.2				

September 25 2023 Hour: 5: 2 17.1 Lat: 25.85N Lon: 90.65E Depth: 10F Agency: 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
TURA	SZ	56	229	EP		0502	26.82	-0.25							1.0
TURA	SN	56	229	ES		0502	34.11	-0.21							1.0
TURA	SN	56	229	IAML		0502	35.05			181	0.1				
GUWA	SZ	111	70	EP		0502	35.79	-0.65							1.0
GUWA	SE	111	70	ES		0502	49.88	-0.66							1.0
GUWA	SN	111	70	IAML		0502	51.29			47	0.3				
TAWA	SZ	228	32	EP		0502	52.59	0.36							1.0
SILR	SZ	247	118	EP		0502	54.71	0.90							1.0
ZIRO	SE	369	59	ES		0503	46.91	0.50							1.0
ZIRO	SE	369	59	IAML		0503	48.13			113	0.1				

September 25 2023 Hour: 18:16 44.7 Lat: 23.92N Lon: 94.34E Depth: 7 Agency: 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
AZL	SZ	170	263	EP		1817	11.59	-0.70							1.0
AZL	SN	170	263	ES		1817	33.33	0.93							1.0
AZL	SN	170	263	IAML		1817	34.55			349	0.2				
KOHI	SZ	201	353	EP		1817	16.93	0.35							1.0
KOHI	SN	201	353	ES		1817	39.89	0.06							1.0
KOHI	SN	201	353	IAML		1817	43.64			98	0.5				
MOKO	SZ	266	4	EP		1817	25.46	0.91							1.0

MOKO	SZ	266	4	ES	1817	53.46-0.15										1.0
SHL	HZ	300	308	EP	1817	29.40	0.74									1.0
SHL	HE	300	308	ES	1818	02.50	1.78									1.0
SHL	HN	300	308	IAML	1818	03.81			206	0.1						
BELO	SN	305	256	ES	1818	00.40-0.44										1.0
BELO	SN	305	256	IAML	1818	03.59			9648	0.2						
ITAN	SN	363	350	ES	1818	12.77-0.41										1.0
ITAN	SN	363	350	IAML	1818	16.33			273	0.2						
GUWA	SN	367	314	ES	1818	13.23-0.84										1.0
ZIRO	SN	402	353	ES	1818	21.43-0.14										1.0
ZIRO	SN	402	353	IAML	1818	23.37			211	0.4						
TURA	SZ	453	294	EP	1817	45.45-1.38										1.0
TURA	SN	453	294	ES	1818	32.06-0.11										1.0
TURA	SN	453	294	IAML	1818	34.00			61	0.2						
TAWA	SZ	477	329	EP	1817	50.50	0.07									1.0
TAWA	SN	477	329	ES	1818	37.72-0.66										1.0
TAWA	SN	477	329	IAML	1818	41.43			367	0.3						

September 25 2023 Hour: 23:16 17.1 Lat: 23.26N Lon: 93.93E Depth: 8 Agency: NCS Local
Magnitudes: 3.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
AZL	SZ	138	293	EP		2316	41.13	0.37							1.0
AZL	SE	138	293	ES		2316	58.90	0.88							1.0
AZL	SN	138	293	IAML		2317	04.30			798	0.1				
KOHI	SZ	273	4	EP		2316	58.05	0.29							1.0
ITAN	SZ	431	357	EP		2317	17.74	1.20							1.0
TURA	SZ	452	304	EP		2317	18.61-0.48								1.0
TURA	SN	452	304	ES		2318	03.98-0.36								1.0
TURA	SN	452	304	IAML		2318	07.52			89	0.3				
ZIRO	SN	473	359	ES		2318	09.27	0.55							1.0
ZIRO	SN	473	359	IAML		2318	16.81			676	0.2				
TAWA	SZ	523	337	EP		2317	26.58-1.87								1.0
TAWA	SN	523	337	ES		2318	19.94-0.60								1.0
TAWA	SN	523	337	IAML		2318	25.17			122	0.4				
GTK	SN	700	311	ES		2318	57.72	0.02							1.0
GTK	SN	700	311	IAML		2319	01.86			7	0.2				

September 26 2023 Hour: 1:37 2.1 Lat: 36.30N Lon: 70.33E Depth: 90F Agency: 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
THN	BZ	661	129	EP		0138	27.16	0.17							1.0
THN	BN	661	129	ES		0139	28.40-0.58								1.0
THN	BN	661	129	IAML		0139	32.99			40	0.3				
ALCI	BZ	665	108	EP		0138	27.52-0.17								1.0
ALCI	BE	665	108	ES		0139	30.75	0.56							1.0
ALCI	BE	665	108	IAML		0139	32.82			286	0.4				
DHRM	HZ	710	128	EP		0138	33.68-0.05								1.0
DHRM	HN	710	128	ES		0139	39.83-0.81								1.0
DHRM	HN	710	128	IAML		0139	42.53			94	0.3				
BHK	BE	780	132	ES		0139	55.46	1.37							1.0
BHK	BN	780	132	IAML		0139	57.43			447	0.3				
SDNR	BZ	805	129	EP		0138	45.00	0.42							1.0
SDNR	BN	805	129	ES		0139	59.61	0.20							1.0
SDNR	BN	805	129	IAML		0140	02.29			21	0.2				
SMLA	HZ	855	130	EP		0138	50.36-0.42								1.0
SMLA	HN	855	130	ES		0140	09.71-0.43								1.0
SMLA	HE	855	130	IAML		0140	12.48			32	0.3				
HNLV	BE	884	114	ES		0140	15.72-0.28								1.0

September 26 2023 Hour: 6:53 25.4 Lat: 35.01N Lon: 73.57E Depth: 10F Agency: NCS Local
 Magnitudes: 4.4ML NCS Rms: 1.0 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	155	133	EP		*0653	48.79	-3.37							0.0
SRIN	BN	155	133	ES		*0654	06.77	-1.57							0.0
SRIN	BN	155	133	IAML		0654	13.70			8370	0.4				
JMU	BZ	273	154	EP		0654	08.14	1.62							1.0
JMU	BN	273	154	ES		0654	38.62	2.07							1.0
JMU	BN	273	154	IAML		0654	43.76			9607	0.5				
ALCI	BZ	343	104	EP		0654	14.78	-0.46							1.0
ALCI	BN	343	104	ES		0654	52.54	0.89							1.0
ALCI	BN	343	104	IAML		0655	02.38			736	0.6				
THN	BZ	352	143	EP		0654	16.74	0.52							1.0
THN	BN	352	143	ES		0654	53.18	-0.15							1.0
THN	BN	352	143	IAML		0655	01.25			2847	0.9				
DHRM	HZ	398	140	EP		0654	22.22	-0.27							1.0
BHK	BZ	479	146	EP		0654	32.31	0.68							1.0
BHK	BN	479	146	ES		0655	18.79	-1.21							1.0
BHK	BN	479	146	IAML		0655	24.02			493	0.3				
SDNR	BZ	495	140	EP		0654	33.75	0.12							1.0
SDNR	BE	495	140	ES		0655	24.04	0.59							1.0
SDNR	BN	495	140	IAML		0655	24.98			243	0.3				
SMLA	HZ	546	141	EP		0654	39.87	-0.27							1.0
HNLY	BZ	558	115	EP		0654	42.56	1.17							1.0
CGRH	BN	558	147	ES		0655	38.43	1.67							1.0
UTK	BZ	658	135	EP		0654	53.22	-0.54							1.0
UTK	BN	658	135	ES		*0655	55.55	-2.73							0.0
UTK	BE	658	135	IAML		0656	01.25			767	0.4				
JOSI	BZ	747	130	EP		0655	03.73	-0.81							1.0
JOSI	BN	747	130	ES		0656	16.84	-0.10							1.0
JOSI	BN	747	130	IAML		0656	19.04			89	0.4				
NDI	HZ	781	153	EP		0655	09.58	1.05							1.0
NDI	HN	781	153	ES		0656	22.98	-0.86							1.0
NDI	HN	781	153	IAML		0656	27.51			769	0.3				
KUDL	HZ	810	159	EP		0655	10.85	-1.23							1.0
KUDL	HN	810	159	ES		0656	28.89	-1.08							1.0
KUDL	HN	810	159	IAML		0656	32.06			491	0.3				
PTH	BZ	867	132	EP		0655	18.44	-1.17							1.0
PTH	BE	867	132	ES		0656	42.98	-0.02							1.0
PTH	BN	867	132	IAML		0656	45.60			631	0.2				
LGTI	BZ	874	134	EP		0655	17.80	-2.84							0.0
LGTI	BN	874	134	ES		0656	42.90	-1.88							1.0
AJM	BZ	957	174	EP		0655	29.32	-0.75							1.0
AJM	BN	957	174	ES		0657	01.50	0.41							1.0

September 26 2023 Hour: 20:47 44.2 Lat: 23.76N Lon: 92.72E Depth: 36 Agency: 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
AZL	SZ	4	233	EP		2047	51.91	0.33							1.0
AZL	SN	4	233	ES		2047	56.10	-0.81							1.0
AZL	SN	4	233	IAML		2047	56.74			1529	0.2				
SILR	SZ	113	4	EP		2048	03.94	-0.56							1.0
SILR	SN	113	4	ES		2048	20.92	1.79							1.0
BELO	SZ	142	247	EP		2048	08.37	-0.29							1.0
BELO	SN	142	247	ES		2048	27.19	0.90							1.0
BELO	SN	142	247	IAML		2048	28.13			22347	0.3				
KOHI	SZ	258	33	EP		2048	23.92	0.33							1.0
KOHI	SN	258	33	ES		2048	51.86	-0.11							1.0
KOHI	SN	258	33	IAML		2048	53.89			30	0.3				
GUWA	SN	289	339	ES		2048	58.11	0.68							1.0
GUWA	SN	289	339	IAML		2049	04.94			375	0.2				
TURA	SE	313	310	ES		2049	02.29	-0.41							1.0
MOKO	SZ	336	32	EP		2048	33.90	0.67							1.0

MOKO	SZ	336	32	ES	2049	09.22	0.68									1.0
MOKO	SZ	336	32	IAML	2049	10.53			10	0.3						
ITAN	SN	388	15	ES	2049	18.45	-0.13									1.0
ITAN	SN	388	15	IAML	2049	21.10			51	0.2						
ZIRO	SZ	432	15	EP	2048	44.56	-0.62									1.0
ZIRO	SN	432	15	ES	2049	27.85	-1.25									1.0
ZIRO	SN	432	15	IAML	2049	30.01			60	0.5						
TAWA	SN	433	349	ES	2049	27.04	-1.22									1.0
TAWA	SN	433	349	IAML	2049	29.33			41	0.2						

September 27 2023 Hour: 6:19 23.2 Lat: 23.79N Lon: 94.21E Depth: 6 Agency: 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
AZL	SZ	155	268	EP		0619	51.69	0.20							1.0
AZL	SN	155	268	ES		0620	11.09	-0.80							1.0
AZL	SN	155	268	IAML		0620	13.47			1145	0.3				
KOHI	SZ	214	357	EP		0619	59.78	-0.56							1.0
GUWA	SZ	368	317	EP		0620	20.08	1.34							1.0
ZIRO	SZ	416	355	EP		0620	24.47	-0.86							1.0
TURA	SZ	438	297	EP		0620	27.94	0.46							1.0
TURA	SE	438	297	ES		0621	14.01	0.23							1.0
TURA	SN	438	297	IAML		0621	17.10			55	0.2				

September 27 2023 Hour: 8:17 22.9 Lat: 27.47N Lon: 88.21E Depth: 6 Agency: NCS Local
Magnitudes: 2.8ML NCS Rms: 0.6 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GTK	SZ	43	114	EP		0817	30.10	0.28							1.0
GTK	SE	43	114	ES		0817	34.85	-0.12							1.0
GTK	SN	43	114	IAML		0817	36.14			796	0.3				
TAWA	SE	362	87	ES		0818	48.79	-0.60							1.0
TAWA	SN	362	87	IAML		0818	51.53			121	0.2				
GUWA	SN	374	111	ES		0818	51.32	-0.72							1.0
ZIRO	SZ	558	88	EP		0818	36.19	-0.30							1.0
ZIRO	SE	558	88	ES		0819	31.64	0.66							1.0
ZIRO	SN	558	88	IAML		0819	34.16			40	0.3				
KOHI	SN	619	107	ES		0819	44.95	0.81							1.0
KOHI	SE	619	107	IAML		0819	48.04			13	0.3				

September 27 2023 Hour: 8:42 39.3 Lat: 18.15N Lon: 83.49E Depth: 21 Agency: 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
VISK	HZ	50	200	EP		0842	49.44	-0.22							1.0
VISK	HE	50	200	ES		0842	57.59	0.44							1.0
VISK	HE	50	200	IAML		0842	58.78			1659	0.3				
RAGD	BZ	121	358	EP		0843	01.16	-0.09							1.0
KNKR	BZ	296	226	EP		*0843	18.19	-6.18							0.0
KNKR	BN	296	226	ES		*0843	48.45	-2.21							0.0
KNKR	BN	296	226	IAML		0843	50.03			408	0.4				
BWNR	BZ	341	45	EP		0843	29.11	-0.56							1.0
BWNR	BN	341	45	ES		0844	06.73	0.76							1.0
BWNR	BN	341	45	IAML		0844	08.45			540	0.1				
VJD	BE	352	240	ES		0844	07.32	-0.95							1.0
VJD	BE	352	240	IAML		0844	08.48			88	0.4				
BLSP	BN	463	342	ES		0844	31.47	-0.81							1.0
HYB	HN	529	262	ES		0844	46.98	0.60							1.0
NGP	BN	568	306	ES		0844	54.99	0.58							1.0
NGP	BN	568	306	IAML		0844	59.35			44	0.4				
BHPL	HE	847	313	ES		0845	54.04	0.25							1.0

September 27 2023 Hour: 12:55 38.0 Lat: 25.92N Lon: 95.57E Depth: 20F Agency: 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	114	293	EP		1256	02.69	0.82							1.0
MOKO	SZ	114	293	ES		1256	19.65	0.58							1.0
MOKO	SZ	114	293	IAML		1256	20.15			54	0.2				
KOHI	SZ	148	262	EP		1256	05.83	0.54							1.0
KOHI	SN	148	262	ES		1256	24.40	0.56							1.0
KOHI	SN	148	262	IAML		1256	27.58			195	0.5				
ZIRO	SZ	247	316	EP		1256	15.87	0.58							1.0
ZIRO	SN	247	316	ES		1256	42.62	1.54							1.0
ZIRO	SN	247	316	IAML		1256	43.48			202	0.4				
AZL	SZ	379	231	EP		1256	31.23	0.69							1.0
AZL	SN	379	231	ES		1257	10.47	0.29							1.0
AZL	SN	379	231	IAML		1257	12.12			1256	0.3				
GUWA	SN	389	275	ES		1257	11.02	1.23							1.0
GUWA	SN	389	275	IAML		1257	12.21			83	0.2				
TAWA	SZ	412	297	EP		1256	36.46	0.79							1.0
TAWA	SN	412	297	ES		1257	18.26	1.06							1.0
TAWA	SN	412	297	IAML		1257	20.15			176	0.1				
TURA	SN	527	267	ES		1257	42.40	1.10							1.0
TURA	SN	527	267	IAML		1257	45.35			71	0.0				

September 27 2023 Hour: 17:47 31.0 Lat: 1.15N Lon: 93.03E Depth: 61 Agency: NCS Regional
Magnitudes: 5.4MW NCS Rms: 0.7 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
STMR	BZ			EP		1753	03.39								
HRYA	BZ			EP		1753	10.68								
GKPR	BZ			EP		1753	41.93								
ARIA	BE			ES		1757	45.02								
NPL	BZ			EP		1753	44.47								
UJWA	BZ			EP		1753	45.22								
LKN	BZ			EP		1753	17.20								
PWAL	BZ			EP		1753	39.89								
MDRS	HZ	1929	314	EP		1751	28.08	0.57							1.0
SALM	BZ	2008	306	EP		1751	37.34	0.09							1.0
VISK	HZ	2118	330	EP		1751	48.62	0.50							1.0
VJD	BZ	2175	322	EP		1751	53.94	0.20							1.0
RAGD	BZ	2257	333	EP		1752	02.14	0.36							1.0
HYB	HZ	2397	319	EP		1752	16.19	0.81							1.0
BELO	SZ	2451	356	EP		1752	20.22	0.21							1.0
AZL	SZ	2499	359	EP		1752	23.59	1.61							0.9
AZL	SN	2499	359	ES		1756	28.87	0.16							1.0
SILR	SZ	2615	359	EP		1752	36.39	0.88							1.0
BOKR	HZ	2621	343	EP		1752	36.62	0.55							1.0
LATR	BZ	2624	318	EP		1752	35.80	0.44							1.0
NGP	BZ	2678	326	EP		1752	41.69	0.95							1.0
SHL	HZ	2705	357	EP		1752	44.04	0.92							1.0
TURA	SZ	2715	354	EP		1752	43.16	0.64							1.0
TURA	SE	2715	354	ES		1757	00.36	0.04							1.0
KOHI	SZ	2721	2	EP		1752	44.06	0.38							1.0
KOHI	SN	2721	2	ES		1757	00.77	0.67							1.0
SHBG	BZ	2727	348	EP		1752	44.38	0.34							1.0
MOKO	SZ	2790	3	EP		1752	49.26	0.79							1.0
MOKO	SZ	2790	3	ES		1757	12.27	1.03							1.0
JORH	HZ	2835	3	EP		1752	53.55	0.00							1.0
JORH	HE	2835	3	ES		1757	22.42	5.07							0.2
ITAN	SZ	2878	1	EP		1752	57.09	0.07							1.0
VAR	BZ	2881	339	EP		1752	56.71	0.53							1.0
ZIRO	SZ	2920	2	EP		1753	01.53	0.84							1.0
ZIRO	SE	2920	2	ES		1757	30.15	0.31							1.0
TAWA	SZ	2929	358	EP		1753	00.42	0.79							1.0
TAWA	SE	2929	358	ES		1757	29.90	0.85							1.0

GTK	SZ	2934	351	EP	1753	02.82	1.02									1.0
GTK	SN	2934	351	ES	1757	32.93	1.16									1.0
VLK	BZ	3057	342	EP	1753	11.14	-0.33									1.0
BRCH	BZ	3168	338	EP	1753	20.49	0.07									1.0
PTH	BZ	3428	338	EP	1753	41.16	-0.11									1.0
KUDL	HZ	3468	331	EP	1753	44.17	-0.05									1.0
LDR	HZ	3471	332	EP	1753	45.21	0.75									1.0
NDI	HZ	3480	333	EP	1753	44.65	-0.55									1.0
BHGR	BZ	3495	332	EP	1753	46.92	0.58									1.0
BHGR	BE	3495	332	ES	1758	50.13	-0.34									1.0
RTK	BZ	3555	332	EP	1753	51.35	0.30									1.0
UTK	BZ	3618	336	EP	1753	56.13	-0.07									1.0
JASL	BZ	3705	322	EP	1754	01.72	-1.16									1.0
SMLA	HZ	3716	335	EP	1754	04.02	0.20									1.0
DHRM	HZ	3865	335	EP	1754	15.50	-0.05									1.0
ALCI	BZ	4016	337	EP	1754	26.32	-0.58									1.0
ALCI	BN	4016	337	ES	1800	02.06	-0.66									1.0

September 27 2023 Hour: 19:11.3 Lat: 36.00N Lon: 70.63E Depth: 25F Agency: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	439	117	ES		1902	59.50	1.32							1.0
SRIN	BN	439	117	IAML		1903	04.69			2532	0.7				
JMU	BN	535	132	EP		1902	25.80	0.43							1.0
JMU	BN	535	132	ES		1903	19.88	1.20							1.0
JMU	BN	535	132	IAML		1903	26.07			237	0.3				
THN	BZ	613	129	EP		1902	36.96	1.71							1.0
THN	BN	613	129	ES		1903	36.31	0.62							1.0
THN	BN	613	129	IAML		1903	40.70			137	0.3				
ALCI	BZ	629	106	EP		1902	36.24	-0.89							1.0
ALCI	BN	629	106	ES		1903	38.13	-0.79							1.0
ALCI	BN	629	106	IAML		1903	39.58			1081	0.4				
DHRM	HZ	668	127	EP		1902	43.37	0.68							1.0
DHRM	HN	668	127	ES		1903	48.85	0.37							1.0
DHRM	HN	668	127	IAML		1903	52.47			576	0.6				
BHK	BZ	738	132	EP		1902	50.85	0.21							1.0
BHK	BE	738	132	ES		1904	03.01	0.85							1.0
BHK	BN	738	132	IAML		1904	05.67			130	0.9				
SMLA	HN	812	130	EP		1902	59.65	-0.35							1.0
SMLA	HN	812	130	ES		1904	18.31	0.06							1.0
SMLA	HN	812	130	IAML		1904	21.93			797	0.4				
UTK	BZ	932	127	EP		1903	14.00	-0.93							1.0
UTK	BN	932	127	ES		1904	42.66	-1.27							1.0
UTK	BN	932	127	IAML		1904	45.61			1163	0.3				
JOSI	BN	1027	123	ES		1905	03.33	-1.28							1.0
JOSI	BN	1027	123	IAML		1905	07.34			170	0.6				
KUDL	HZ	1031	146	EP		1903	26.05	-0.49							1.0
KUDL	HN	1031	146	ES		1905	02.46	-1.45							1.0
KUDL	HN	1031	146	IAML		1905	06.50			61	0.4				
LGTI	BZ	1149	127	EP		*1903	36.72	-5.19							0.0
LGTI	BE	1149	127	ES		*1905	25.61	0.46							0.0

September 28 2023 Hour: 14:40 29.3 Lat: 15.18S Lon: 167.55E Depth: 146 Agency: NCS Distant
Magnitudes: 6.3Mb NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MOKO	SZ	9133	300	EP		1452	34.89	0.80							1.0
MOKO	SZ	9133	300	IAMB		1452	36.55			1229	1.5				
MOKO	SZ	9133	300	ES		1502	36.81	-0.52							1.0
KOHI	SZ	9147	299	EP		1452	35.32	0.50							1.0
KOHI	SZ	9147	299	IAMB		1452	36.82			1094	1.6				
KOHI	SN	9147	299	ES		1502	38.57	-0.17							1.0
JORH	HZ	9174	300	EP		1452	36.08	0.53							1.0
JORH	HZ	9174	300	IAMB		1452	38.88			2444	1.6				
JORH	HN	9174	300	ES		1502	40.48	0.20							1.0

AZL	SZ	9205	297	EP	1452	38.54	1.51			0.9
AZL	SZ	9205	297	IAmb	1452	40.13		886	1.7	
SILR	SZ	9234	298	EP	1452	38.89	0.59			1.0
SILR	SZ	9234	298	IAmb	1452	42.40		3214	1.5	
SILR	SN	9234	298	ES	1502	44.50-0.38				1.0
ITAN	SZ	9239	300	EP	1452	38.00-0.62				1.0
ITAN	SZ	9239	300	IAmb	1452	42.51		1918	1.9	
ITAN	SN	9239	300	ES	1502	46.14	0.81			1.0
ZIRO	SZ	9243	301	EP	1452	39.11	0.38			1.0
ZIRO	SZ	9243	301	IAmb	1452	42.46		1227	1.9	
ZIRO	SN	9243	301	ES	1502	45.10-0.37				1.0
BELO	SZ	9306	296	EP	1452	42.45	0.82			1.0
BELO	SZ	9306	296	IAmb	1452	45.88		1957	1.7	
BELO	SN	9306	296	ES	1502	49.76	0.61			1.0
SHL	HZ	9341	298	EP	1452	44.24	0.52			1.0
SHL	HZ	9341	298	IAmb	1452	49.81		315	1.5	
SHL	HN	9341	298	ES	1502	52.03-0.06				1.0
GUWA	SZ	9392	299	EP	1452	45.59	0.05			1.0
GUWA	SZ	9392	299	IAmb	1452	48.19		1120	1.7	
GUWA	SN	9392	299	ES	1502	53.57-0.63				1.0
TAWA	SZ	9429	300	EP	1452	48.62	0.76			1.0
TAWA	SZ	9429	300	IAmb	1452	51.72		2061	2.0	
TAWA	SN	9429	300	ES	1502	56.96-0.54				1.0
TURA	SZ	9506	298	EP	1452	50.31-0.37				1.0
TURA	SZ	9506	298	IAmb	1452	53.48		1356	1.5	
TURA	SN	9506	298	ES	1503	01.07	0.26			1.0
CAL	BZ	9583	294	EP	1452	54.83	0.76			1.0
CAL	BZ	9583	294	IAmb	1452	57.87		1514	1.4	
COBR	BZ	9606	298	EP	1452	55.55	0.50			1.0
COBR	BZ	9606	298	IAmb	1452	57.98		1397	1.8	
JPG	BZ	9686	298	EP	1452	58.96	0.42			1.0
GTK	SZ	9724	299	EP	1453	00.43-0.24				1.0
GTK	SZ	9724	299	IAmb	1453	03.36		971	1.5	
GTK	SE	9724	299	ES	1503	13.97	0.13			1.0
SHBG	BZ	9743	297	EP	1453	01.26	0.28			1.0
SHBG	BZ	9743	297	IAmb	1453	04.41		770	2.4	
ARIA	BE	9790	298	ES	1503	14.44-2.10				0.9
BOKR	HZ	9864	295	EP	1453	06.62	0.42			1.0
BOKR	HZ	9864	295	IAmb	1453	13.15		42	1.3	
BOKR	HE	9864	295	ES	1503	21.10	0.39			1.0
JMUI	BZ	9868	296	EP	1453	05.19-1.09				1.0
KNTI	BZ	9899	294	EP	1453	00.82-6.81				0.0
KNTI	BZ	9899	294	IAmb	1453	04.64		126	2.8	
VISK	HE	9927	288	ES	1503	24.45	0.53			1.0
STMR	BZ10019	298	EP	1453	08.99-3.60					0.6
STMR	BZ10019	298	IAmb	1453	16.18			479	1.4	
VLK	BZ10170	298	EP	1453	18.06-0.82					1.0
VLK	BZ10170	298	IAmb	1453	26.82			254	3.0	
BLSP	BZ10176	292	EP	1453	18.65-0.57					1.0
BLSP	BZ10176	292	IAmb	1453	21.14			497	1.6	
KNKR	BZ10190	290	EP	1453	19.12-0.68					1.0
KNKR	BZ10190	290	IAmb	1453	21.70			691	1.4	
SALM	BZ10286	281	EP	1453	23.24-0.59					1.0
SALM	BZ10286	281	IAmb	1453	29.72			192	2.0	
BRCH	BZ10394	297	EP	1453	27.66-0.46					1.0
BNDA	BZ10457	295	EP	1453	29.79-0.97					1.0
BNDA	BZ10457	295	IAmb	1453	31.73			225	2.0	
JHNI	BZ10623	295	EP	1453	37.12-0.38					1.0
JOSI	BZ10671	300	EP	1453	38.86-0.72					1.0
JOSI	BZ10671	300	IAmb	1453	42.52			44	0.9	
BHPL	HE10681	292	ES	1504	03.49	1.70				0.9
SMLA	HN10907	300	ES	1504	12.67-0.08					1.0

September 28 2023 Hour: 19:22 1.8 Lat: 37.80N Lon: 72.52E Depth:170F Agency: NCS Local
 Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	461	152	ES		1923	52.20	-1.46							1.0
SRIN	BN	461	152	IAML		1923	59.79			600	0.1				
ALCI	BZ	579	132	EP		1923	21.96	0.91							1.0
ALCI	BN	579	132	ES		1924	18.43	0.35							1.0
ALCI	BN	579	132	IAML		1924	25.27			1275	0.2				
JMU	BZ	604	158	EP		1923	24.40	0.47							1.0
JMU	BE	604	158	ES		1924	22.61	-0.43							1.0
JMU	BE	604	158	IAML		1924	28.07			4189	0.2				
THN	BZ	663	153	EP		1923	32.17	0.85							1.0
THN	BN	663	153	ES		1924	35.21	-0.55							1.0
THN	BN	663	153	IAML		1924	42.76			2815	0.3				
DHRM	HZ	705	150	EP		1923	37.39	0.21							1.0
DHRM	HN	705	150	ES		1924	45.63	-0.21							1.0
DHRM	HN	705	150	IAML		1924	51.21			456	0.2				
BHK	BZ	793	152	EP		1923	47.84	0.80							1.0
BHK	BN	793	152	ES		1925	03.24	0.45							1.0
BHK	BN	793	152	IAML		1925	08.35			114	0.3				
SMLA	HZ	854	149	EP		1923	54.71	-0.06							1.0
SMLA	HN	854	149	ES		1925	15.81	-0.29							1.0
SMLA	HN	854	149	IAML		1925	18.00			177	0.4				
UTK	BN	955	143	EP		1924	06.80	-0.37							1.0
UTK	BN	955	143	ES		1925	37.95	0.53							1.0
UTK	BN	955	143	IAML		1925	39.30			92	0.4				
JOSI	BZ	1032	139	EP		1924	16.58	-0.39							1.0
JOSI	BN	1032	139	ES		1925	54.63	0.35							1.0
KUDL	HN	1133	160	EP		1924	27.73	-0.68							1.0
KUDL	HN	1133	160	ES		1926	13.77	-0.19							1.0
KUDL	HN	1133	160	IAML		1926	18.74			211	0.3				
PTH	BZ	1156	140	EP		1924	30.07	-2.05							0.9
PTH	BE	1156	140	ES		1926	21.00	0.67							0.9
PTH	BE	1156	140	IAML		1926	22.65			17	0.3				
AJM	BE	1271	170	ES		1926	44.83	1.28							0.8

September 28 2023 Hour: 19:39 54.2 Lat: 34.99N Lon: 77.80E Depth: 12 Agency: NCS Local
 Magnitudes: 3.4ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	104	213	EP		1940	14.52	1.11							1.0
ALCI	BN	104	213	ES		1940	26.31	-0.93							1.0
ALCI	BN	104	213	IAML		1940	27.81			2087	0.5				
SRIN	BZ	289	251	EP		1940	37.86	-1.22							1.0
DHRM	HZ	335	205	EP		1940	46.29	0.54							1.0
DHRM	HE	335	205	ES		1941	22.21	-0.66							1.0
DHRM	HN	335	205	IAML		1941	28.29			1987	0.4				
THN	BN	344	215	EP		1940	46.97	0.80							1.0
THN	BN	344	215	ES		1941	24.75	1.16							1.0
THN	BN	344	215	IAML		1941	30.49			149	0.6				
BHK	BN	417	198	ES		1941	38.96	-0.10							1.0
SMLA	HZ	433	188	EP		1940	58.29	0.91							1.0
SMLA	HN	433	188	ES		1941	42.30	-0.56							1.0
SMLA	HN	433	188	IAML		1941	45.55			196	0.8				
UTK	BZ	477	173	EP		1941	02.03	-0.84							1.0
UTK	BE	477	173	ES		1941	52.90	0.59							1.0
UTK	BE	477	173	IAML		1941	56.82			37	0.4				
JOSI	BZ	519	161	EP		1941	07.65	-0.79							1.0

September 29 2023 Hour: 13:16 56.5 Lat: 21.93N Lon: 79.55E Depth: 3 Agency: NCS Local
Magnitudes: 2.9ML NCS Rms: 0.4 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
NGP	BN	98	212	EP		1317	13.31	-0.26							1.0
NGP	BE	98	212	ES		1317	26.19	0.15							1.0
NGP	BN	98	212	IAML		1317	28.07			175	0.1				
BHPL	HZ	263	304	EP		1317	35.42	-0.44							1.0
BHPL	HE	263	304	ES		1318	04.86	0.26							1.0
BHPL	HN	263	304	IAML		1318	06.69			97	0.2				
BLSP	BZ	272	86	EP		1317	37.76	0.71							1.0
BLSP	BE	272	86	ES		1318	06.25	-0.41							1.0
BLSP	BN	272	86	IAML		1318	09.68			155	0.2				

September 30 2023 Hour: 8:30 11.8 Lat: 36.48N Lon: 70.77E Depth: 200F Agency: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.8 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BZ	455	124	EP		0831	15.81	-1.48							1.0
SRIN	BN	455	124	ES		0832	03.96	-0.49							1.0
SRIN	BN	455	124	IAML		0832	08.70			5428	0.7				
JMU	BE	563	137	ES		0832	25.40	-0.84							1.0
ALCI	BZ	635	111	EP		0831	38.77	0.18							1.0
ALCI	BN	635	111	ES		0832	41.36	0.27							1.0
ALCI	BN	635	111	IAML		0832	42.88			255	0.4				
THN	BN	638	133	EP		0831	39.54	0.36							1.0
THN	BN	638	133	ES		0832	41.60	-0.52							1.0
THN	BN	638	133	IAML		0832	45.67			479	0.4				
DHRM	HZ	692	131	EP		0831	47.16	0.94							1.0
DHRM	HN	692	131	ES		0832	54.89	0.67							1.0
DHRM	HN	692	131	IAML		0832	56.98			2455	0.3				
BHK	BZ	766	135	EP		0831	54.21	-0.23							1.0
BHK	BN	766	135	ES		0833	08.56	0.21							1.0
BHK	BN	766	135	IAML		0833	12.49			449	0.2				
SDNR	BZ	795	132	EP		0831	57.49	-0.50							1.0
SDNR	BN	795	132	ES		0833	13.21	-1.25							1.0
SDNR	BN	795	132	IAML		0833	16.48			144	0.3				
SMLA	HZ	838	133	EP		0832	03.54	0.14							1.0
SMLA	HN	838	133	ES		0833	23.42	-0.35							1.0
HNLY	BN	856	116	EP		0832	06.49	1.06							1.0
HNLY	BN	856	116	ES		0833	28.81	1.56							1.0
HNLY	BE	856	116	IAML		0833	33.07			129	0.6				
DDI	HN	961	133	ES		0833	48.92	-0.37							1.0
JOSI	BN	1047	126	ES		0834	08.19	-0.07							1.0
KUDL	HZ	1069	148	EP		0832	30.10	-0.93							1.0
KUDL	HN	1069	148	ES		0834	11.26	-0.03							1.0
KUDL	HN	1069	148	IAML		0834	14.74			21	0.5				
AJM	BN	1167	161	ES		0834	34.36	1.88							0.9

September 30 2023 Hour: 11:19 43.4 Lat: 40.03N Lon: 74.54E Depth: 20F Agency: NCS Local
Magnitudes: 4.2ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALCI	BZ	687	159	EP		1121	13.12	0.36							1.0
ALCI	BE	687	159	ES		1122	18.75	0.75							1.0
ALCI	BE	687	159	IAML		1122	26.38			264	0.7				
JMU	BZ	805	178	EP		1121	27.33	0.41							1.0
JMU	BN	805	178	ES		1122	43.98	1.48							1.0
THN	BZ	849	172	EP		1121	31.97	-0.50							1.0
THN	BN	849	172	ES		1122	50.46	-1.65							1.0
DHRM	HZ	878	169	EP		1121	34.90	-1.73							1.0
DHRM	HN	878	169	ES		1122	59.92	0.62							1.0
DHRM	HN	878	169	IAML		1123	01.80			557	0.3				
SDNR	BZ	966	166	EP		1121	47.07	0.40							1.0
SDNR	BN	966	166	ES		1123	16.38	-0.29							1.0
SDNR	BN	966	166	IAML		1123	18.06			167	0.5				

SMLA	HZ	1016	166	EP	1121	53.98	0.99									1.0
SMLA	HE	1016	166	ES	1123	27.00	-0.61									1.0
SMLA	HN	1016	166	IAML	1123	32.01				28	0.4					
KUDL	HN	1330	172	ES	1124	33.37	-0.23									1.0
KUDL	HN	1330	172	IAML	1124	36.40				58	0.3					

September 30 2023 Hour: 12:27 53.3

Agency: Local

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
BISR	BN			ES		1229	45.33								
RAGD	BZ			EP		1229	04.35								
NGP	BN			EP		1229	05.38								
NGP	BE			ES		1230	17.43								

September 30 2023 Hour: 13:51 37.6 Lat: 36.12N Lon: 70.65E Depth: 10F Agency: NCS Local
Magnitudes: 3.8ML NCS Rms: 0.9 secs

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
SRIN	BN	443	119	ES		1353	29.49	1.29							1.0
SRIN	BN	443	119	IAML		1353	34.50			922	0.4				
THN	BZ	620	130	EP		1353	05.04	1.02							1.0
THN	BN	620	130	ES		1354	06.41	0.19							1.0
THN	BN	620	130	IAML		1354	10.90			123	0.6				
ALCI	BZ	631	108	EP		1353	04.00	-1.28							1.0
ALCI	BN	631	108	ES		1354	07.71	-0.67							1.0
ALCI	BN	631	108	IAML		1354	09.21			474	0.2				
DHRM	HZ	674	128	EP		1353	11.93	0.52							1.0
DHRM	HN	674	128	ES		1354	19.70	0.77							1.0
DHRM	HN	674	128	IAML		1354	21.88			229	0.3				
BHK	BN	746	133	EP		1353	20.89	1.40							1.0
BHK	BN	746	133	ES		1354	33.44	0.62							1.0
BHK	BN	746	133	IAML		1354	36.66			68	0.5				
SDNR	BZ	777	129	EP		1353	22.56	-0.81							1.0
SDNR	BE	777	129	ES		1354	38.74	-0.76							1.0
SDNR	BN	777	129	IAML		1354	41.05			452	0.3				
SMLA	HZ	819	131	EP		1353	28.24	-0.55							1.0
SMLA	HN	819	131	ES		1354	48.25	-0.58							1.0
SMLA	HN	819	131	IAML		1354	52.38			64	0.3				
KUDL	HE	1041	146	ES		1355	33.98	-1.14							1.0

September 30 2023 Hour: 21:31 30.9 Lat: 25.94N Lon: 89.92E Depth: 60 Agency: 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
TURA	SZ	59	136	EP		2131	45.47	0.66							1.0
TURA	SN	59	136	ES		2131	54.75	-0.09							1.0
TURA	SN	59	136	IAML		2131	56.20			1125	0.2				
GUWA	SZ	179	80	EP		2131	59.12	0.08							1.0
GUWA	SN	179	80	ES		2132	18.16	-1.16							1.0
GUWA	SN	179	80	IAML		2132	20.39			1551	0.3				
SHL	HN	198	101	EP		2132	04.17	2.06							1.0
SHL	HN	198	101	ES		2132	22.74	-1.85							1.0
SHL	HN	198	101	IAML		2132	28.06			1085	0.2				
GTK	SZ	202	320	EP		2132	01.76	-0.69							1.0
GTK	SE	202	320	ES		2132	24.70	-0.47							1.0
GTK	SE	202	320	IAML		2132	26.31			161	0.3				
TAWA	SZ	267	46	EP		2132	10.13	0.21							1.0
TAWA	SN	267	46	ES		2132	38.62	0.60							1.0
TAWA	SN	267	46	IAML		2132	41.91			229	0.4				
KOHI	SZ	420	92	EP		2132	29.57	0.19							1.0
KOHI	SN	420	92	ES		2133	11.13	-0.36							1.0
KOHI	SN	420	92	IAML		2133	15.61			18	0.4				
ZIRO	SN	429	65	ES		2133	14.39	0.93							1.0
ZIRO	SN	429	65	IAML		2133	25.78			52	0.3				
MOKO	SZ	461	84	ES		2133	20.09	-0.11							1.0

September 30 2023 Hour: 23:51 49.8 Lat: 36.13N Lon: 69.66E Depth: 30F Agency: 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
THN	BZ	692	125	EP		2353	23.86	0.90							1.0
THN	BN	692	125	ES		2354	31.85	1.82							1.0
THN	BN	692	125	IAML		2354	36.37			380	0.2				
ALCI	BN	717	105	ES		2354	35.08	-0.10							1.0
DHRM	HZ	748	123	EP		2353	30.68	0.15							1.0
DHRM	HE	748	123	ES		2354	42.74	-0.31							1.0
DHRM	HN	748	123	IAML		2354	46.18			44	0.2				
SDNR	BN	849	125	EP		2353	42.08	-0.22							1.0
SDNR	BN	849	125	ES		2355	02.30	-0.99							1.0
SDNR	BN	849	125	IAML		2355	04.53			134	0.2				
SMLA	HN	890	126	EP		2353	46.77	-0.81							1.0
SMLA	HN	890	126	ES		2355	11.93	-0.44							1.0
SMLA	HN	890	126	IAML		2355	15.39			26	0.3				