

## App. 4 The List of the Earthquakes

















Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine	
253	1	1983	10 27 23 42						271	1	1983	10 29 01 25						
	2	1983	10 27 23 42							2	1983	10 29 01 25						
	3	1983	10 27 23 42 18.30	32.55	14.17	22.4		415		3	1983	10 29 01 25	51.30					
	4	1983	10 27 23 42							4	1983	10 29 01 25	51.40					
	5	1983	10 27 23 42							5	1983	10 29 01 25						
254	1	1983	10 28 01 00 44.49	54.60	10.11	91.5		405	272	1	1983	10 29 04 22 30.70	56.10	25.40	201.4			
	2	1983	10 28 01 00 44.49	54.60	10.11	74.9		475		2	1983	10 29 04 22 30.47	56.07	25.60	164.7			
	3	1983	10 28 01 00 44.59	54.67	10.09	82.9		474		3	1983	10 29 04 22 30.60						2550
	4	1983	10 28 01 00 44.48	54.56	10.08	37.4		462		4	1983	10 29 04 22 30.99	56.91	25.92	164.7			2370
	5	1983	10 28 01 00 44.15	54.07	9.92	25.0		465		5	1983	10 29 04 22 30.56	56.76	26.20	78.0			2516
255	1	1983	10 28 02 47 54.06						273	1	1983	10 29 06 11						146.5
	2	1983	10 28 02 47							2	1983	10 29 06 11						44.9
	3	1983	10 28 02 47 55.38	59.98	4.60	37.4		121		3	1983	10 29 06 11						67.4
	4	1983	10 28 02 47 54.06	59.26	4.40	22.4		172		4	1983	10 29 06 11						82.3
	5	1983	10 28 02 47 54.00	59.16	4.36	7.1		145		5	1983	10 29 06 11						14.3
256	1	1983	10 28 03 47						274	1	1983	10 29 06 12						36.6
	2	1983	10 28 03 47							2	1983	10 29 06 12						
	3	1983	10 28 03 47							3	1983	10 29 06 12	0.57	18.37	17.00	14.9		
	4	1983	10 28 03 47							4	1983	10 29 06 12	0.35	18.31	17.96	22.4		
	5	1983	10 28 03 47 50.10							5	1983	10 29 06 12	0.00	17.58	17.50	3.5		
257	1	1983	10 28 04 42						275	1	1983	10 29 08 07						
	2	1983	10 28 04 42							2	1983	10 29 08 07						
	3	1983	10 28 04 42							3	1983	10 29 08 07						
	4	1983	10 28 04 42							4	1983	10 29 08 07						
	5	1983	10 28 04 42							5	1983	10 29 08 07						
258	1	1983	10 28 07 07 11.30						276	1	1983	10 29 08 26 23.23	38.83	15.60	54.9			
	2	1983	10 28 07 07 11.42							2	1983	10 29 08 26						
	3	1983	10 28 07 07 11.28							3	1983	10 29 08 26	22.98	38.70	15.72	37.4	456	
	4	1983	10 28 07 07 10.97							4	1983	10 29 08 26						
	5	1983	10 28 07 07 11.13							5	1983	10 29 08 26						
259	1	1983	10 28 07 48 2.52			91.5			277	1	1983	10 29 09 57						
	2	1983	10 28 07 48							2	1983	10 29 09 57						
	3	1983	10 28 07 48 2.35	20.18	17.03	52.4		770		3	1983	10 29 09 57						
	4	1983	10 28 07 48 2.58	20.38	17.00	59.9		773		4	1983	10 29 09 57						
	5	1983	10 28 07 48 2.00	19.60	17.60	21.5		763		5	1983	10 29 09 57						
260	1	1983	10 28 11 05						278	1	1983	10 29 14 12 30.42	57.72	27.30	281.4	2155		
	2	1983	10 28 11 05							2	1983	10 29 14 12 30.16	57.96	27.80	164.7	2194		
	3	1983	10 28 11 05							3	1983	10 29 14 12 30.44	57.84	27.40	164.7	2162		
	4	1983	10 28 11 05							4	1983	10 29 14 12 30.58	58.02	27.44	164.7	2166		
	5	1983	10 28 11 05							5	1983	10 29 14 12 30.05	57.81	27.76	78.0	2191		
261	1	1983	10 28 12 47 5.61	21.13	15.52	73.2		557	279	1	1983	10 29 14 45			146.5			
	2	1983	10 28 12 47							2	1983	10 29 14 45			59.9			
	3	1983	10 28 12 47 5.30	20.70	15.40	22.4		566		3	1983	10 29 14 45 16.96	44.36	27.40	89.8	741		
	4	1983	10 28 12 47 5.50	20.70	15.20	37.4		571		4	1983	10 29 14 45 17.20	44.80	27.60	52.4	746		
	5	1983	10 28 12 47							5	1983	10 29 14 45 16.60	43.90	27.30	25.0	738		
262	1	1983	10 28 13 12					164.0	280	1	1983	10 29 15 04 12.00			54.9	160		
	2	1983	10 28 13 12 36.62	51.34	14.72	52.4		628		2	1983	10 29 15 04						
	3	1983	10 28 13 12 36.69	51.65	14.96	59.9		638		3	1983	10 29 15 04 11.84	15.84	4.00	44.9	109		
	4	1983	10 28 13 12 36.67	51.51	14.84	67.4		633		4	1983	10 29 15 04 11.86	15.88	4.02	29.9	206		
	5	1983	10 28 13 12 36.60	51.40	14.80	21.5		631		5	1983	10 29 15 04 11.70			14.3	181		
263	1	1983	10 28 19 04						281	1	1983	10 29 15 27 57.32	71.72	14.40	128.2			
	2	1983	10 28 19 04							2	1983	10 29 15 27 57.18	71.38	14.20	59.9			
	3	1983	10 28 19 04 48.70	51.76	3.06	22.4		98		3	1983	10 29 15 27 57.18	71.24	14.06	82.3	506		
	4	1983	10 28 19 04							4	1983	10 29 15 27 57.43	71.63	14.20	127.3			
	5	1983	10 28 19 04 48.22	50.54	2.32	17.9		84		5	1983	10 29 15 27 57.40	71.56	14.16	25.0	492		
264	1	1983	10 28 19 43 39.26			281.4			282	1	1983	10 29 17 58 2.82	6.96	4.14	146.5	152		
	2	1983	10 28 19 43 39.23			149.8				2	1983	10 29 17 58 2.86	7.02	4.16	67.4			
	3	1983	10 28 19 43 39.56			104.0		750		3	1983	10 29 17 58 2.98	7.20	4.22	97.3	214		
	4	1983	10 28 19 43 39.78			142.3				4	1983	10 29 17 58 2.80	6.90	4.10	67.4	192		
	5	1983	10 28 19 43 39.11			35.8		816		5	1983	10 29 17 58 2.40	6.48	4.00	89.6	234		
265	1	1983	10 28 20 02						283	1	1983	10 29 21 07						
	2	1983	10 28 20 02							2	1983	10 29 21 07						
	3	1983	10 28 20 02 42.90	45.72	2.74	14.9		82		3	1983	10 29 21 07 43.17	74.00	30.83	74.9	1025		
	4	1983	10 28 20 02 43.06	45.87	2.81	29.9		113		4	1983	10 29 21 07 43.48			59.9			
	5	1983	10 28 20 02 42.60	45.22	2.54	7.1		108		5	1983	10 29 21 07 43.53	74.40	30.87	17.9	1050		
266	1	1983	10 28 21 54 39.58	42.42	2.84	109.8			284	1	1983	10 29 21 17						
	2	1983	10 28 21 54 39.62			89.8				2	1983	10 29 21 17						
	3	1983	10 28 21 54 39.76	42.70	2.94	67.4		200		3	1983	10 29 21 17						
	4	1983	10 28 21 54 39.64	42.54	2.90	52.4		182		4	1983	10 29 21 17						
	5	1983	10 28 21 54 39.32	41.90	2.58	64.5		155		5	1983	10 29 21 17						10.7
267	1	1983	10 28 22 24 2.64	23.34	20.70	201.4			285	1	1983	10 29 21 22			146.5			
	2	1983	10 28 22 24 1.95	22.51	20.56	164.7				2	1983	10 29 21 22						
	3	1983	10 28 22 24 2.0															



Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	App	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	App	
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine	
325	1	1983	11 1 06 13						343	1	1983	11 2 01 06 48.98	53.70		4.72	201.4	323	
	2	1983	11 1 06 13							2	1983	11 2 01 06 49.11	53.85		4.74	112.3		
	3	1983	11 1 06 13 22.22							3	1983	11 2 01 06 49.16	53.98		4.82	74.9	346	
	4	1983	11 1 06 13 22.18							4	1983	11 2 01 06 49.22	53.66		4.74	149.0	306	
	5	1983	11 1 06 13 22.18							5	1983	11 2 01 06 49.72	53.28		4.56	71.6	456	
326	1	1983	11 1 07 07					146.5	344	1	1983	11 2 03 32 41.12	45.84		4.72	54.9	189	
	2	1983	11 1 07 07							2	1983	11 2 03 32 41.24	46.03		4.79	29.9		
	3	1983	11 1 07 07 41.20	63.96		22.74	82.3	1237		3	1983	11 2 03 32 41.28	46.10		4.82	22.4	148	
	4	1983	11 1 07 07 40.80	64.16		23.34	82.3	1249		4	1983	11 2 03 32 41.22	45.72		4.70	37.4	222	
	5	1983	11 1 07 07 40.42	63.58		23.16	35.8	1258		5	1983	11 2 03 32 40.78	45.32		4.54	21.5	186	
327	1	1983	11 1 09 43 0.73					201.4	345	1	1983	11 2 04 34 40.12					18.3	
	2	1983	11 1 09 43					164.7		2	1983	11 2 04 34						
	3	1983	11 1 09 43 0.87	25.17		24.30	164.7	1903		3	1983	11 2 04 34 48.16	78.96		30.80	22.4		
	4	1983	11 1 09 43 0.49	24.65		24.16	164.7	1893		4	1983	11 2 04 34 48.50	78.90		30.40	22.4		
	5	1983	11 1 09 43 0.39	24.59		24.28	78.0	1896		5	1983	11 2 04 34 40.02	78.32		30.30	7.1		
328	1	1983	11 1 15 16 55.00	81.86		26.86	201.4	2328	346	1	1983	11 2 05 51 43.22						
	2	1983	11 1 15 16 55.14	81.84		26.70	164.7	2314		2	1983	11 2 05 51						
	3	1983	11 1 15 16 55.10	83.06		27.96	164.7	2423		3	1983	11 2 05 51 43.27					14.9	
	4	1983	11 1 15 16 55.12	82.72		27.68	164.7	2392		4	1983	11 2 05 51 43.19					7.4	
	5	1983	11 1 15 16 55.08	82.28		27.28	78.8	2357		5	1983	11 2 05 51 43.33					3.5	
329	1	1983	11 1 15 25						347	1	1983	11 2 06 00 2.76	23.76		21.00			
	2	1983	11 1 15 25							2	1983	11 2 06 00						
	3	1983	11 1 15 25							3	1983	11 2 06 00 2.74	23.04		21.10	22.4		
	4	1983	11 1 15 25							4	1983	11 2 06 00 2.96				22.4		
	5	1983	11 1 15 25							5	1983	11 2 06 00 2.78				17.9		
330	1	1983	11 1 15 27 25.18	52.22		27.04	201.4		348	1	1983	11 2 07 10					146.5	
	2	1983	11 1 15 27							2	1983	11 2 07 10 46.87	64.07		17.20	67.4		
	3	1983	11 1 15 27 25.06	51.06		26.80	97.3			3	1983	11 2 07 10 46.97	63.97		17.00	82.3		
	4	1983	11 1 15 27 24.66	51.66		27.00	164.7			4	1983	11 2 07 10 46.97	63.97		17.00	59.9	692	
	5	1983	11 1 15 27 25.20	52.20		27.00	75.2	1372		5	1983	11 2 07 10 46.70	63.70		17.00	25.0	670	
331	1	1983	11 1 15 43						349	1	1983	11 2 08 09 47.14	65.54		18.40	201.4	664	
	2	1983	11 1 15 43							2	1983	11 2 08 09 47.08	65.08		18.00	82.3		
	3	1983	11 1 15 43							3	1983	11 2 08 09 47.14	65.54		18.40	119.8	768	
	4	1983	11 1 15 43							4	1983	11 2 08 09 47.06	65.30		18.24	157.3	708	
	5	1983	11 1 16 43 35.25	51.59		16.34	7.1			5	1983	11 2 08 09						
332	1	1983	11 1 16 00						350	1	1983	11 2 08 30						
	2	1983	11 1 16 00							2	1983	11 2 08 30						
	3	1983	11 1 16 00 25.18	35.30		10.20	7.4			3	1983	11 2 08 30 25.23						
	4	1983	11 1 16 00 25.00				14.9			4	1983	11 2 08 30						
	5	1983	11 1 16 00							5	1983	11 2 08 30						
333	1	1983	11 1 16 17						351	1	1983	11 2 09 58 42.40	66.50		24.10	73.2		
	2	1983	11 1 16 17							2	1983	11 2 09 58 42.45	66.65		24.20			
	3	1983	11 1 16 17 49.64				7.4			3	1983	11 2 09 58 42.46	66.46		24.00	29.9	744	
	4	1983	11 1 16 17 49.62				14.9			4	1983	11 2 09 58 42.48	66.68		24.20	44.9		
	5	1983	11 1 16 17 49.60				3.5			5	1983	11 2 09 58 42.48	66.68		24.20			
334	1	1983	11 1 17 40 42.28	56.44		14.16	91.5	306	352	1	1983	11 2 12 09 36.26	39.24		2.98	183.1		
	2	1983	11 1 17 40							2	1983	11 2 12 09 36.92				74.9		
	3	1983	11 1 17 40 42.14	56.24		14.10	59.9	334		3	1983	11 2 12 09 36.26	39.26		3.00	97.3	280	
	4	1983	11 1 17 40 42.65	56.75		14.10	52.4	400		4	1983	11 2 12 09 36.38	39.44		3.06	52.4	270	
	5	1983	11 1 17 40 42.38	56.50		14.20	17.9	390		5	1983	11 2 12 09 35.68	38.38		2.70	75.2	414	
335	1	1983	11 1 20 03						353	1	1983	11 2 12 27 55.80	58.28		2.48	164.8	301	
	2	1983	11 1 20 03							2	1983	11 2 12 27 55.52	57.80		2.28	52.4		
	3	1983	11 1 20 03							3	1983	11 2 12 27 55.90	58.44		2.54	89.8	262	
	4	1983	11 1 20 03							4	1983	11 2 12 27 56.04	58.68		2.64	59.9	220	
	5	1983	11 1 20 03 37.28				28.6			5	1983	11 2 12 27 55.32	57.52		2.20	71.6	417	
336	1	1983	11 1 20 13						354	1	1983	11 2 12 29					54.9	
	2	1983	11 1 20 13							2	1983	11 2 12 29						
	3	1983	11 1 20 13							3	1983	11 2 12 29 55.02						
	4	1983	11 1 20 13							4	1983	11 2 12 29 55.16	75.96		20.80	37.4		
	5	1983	11 1 20 13 51.05				21.5			5	1983	11 2 12 29 54.24				10.7	768	
337	1	1983	11 1 20 16						355	1	1983	11 2 13 09 54.00	80.90		26.90	201.4		
	2	1983	11 1 20 16							2	1983	11 2 13 09						
	3	1983	11 1 20 16 44.63	63.13		18.50	22.4			3	1983	11 2 13 09 53.86	80.66		26.80	172.2	1810	
	4	1983	11 1 20 16				22.4			4	1983	11 2 13 09 53.94	80.94		27.00	172.2		
	5	1983	11 1 20 16 44.60	63.10		18.50	7.1			5	1983	11 2 13 09 54.08	81.08		27.00	82.4		
338	1	1983	11 1 20 24						356	1	1983	11 2 14 22						
	2	1983	11 1 20 24							2	1983	11 2 14 22						
	3	1983	11 1 20 24 58.28	54.88		4.68	14.9			3	1983	11 2 14 22 46.22	58.02		3.80	22.4	231	
	4	1983	11 1 20 24				14.9			4	1983	11 2 14 22						
	5	1983	11 1 20 24				7.1			5	1983	11 2 14 22 45.76				14.3		
339	1	1983	11 1 20 53 30.20						357	1	1983	11 2 14 36 57.10	58.92		1.82	109.8	108	
	2	1983	11 1 20 53							2	1983	11 2 14 36 56.92	58.64		1.72	89.8		
	3	1983	11 1 20 53 30.20							3	1983	11 2 14 36 57.04	58.84		1.88	149.8	98	
	4	1983	11 1 20 53 30.20				14.9			4	1983	11 2 14						

Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine	
361	1	1983	11 2 23 27						379	1	1983	11 3 20 17 29.73	50.43	20.70	128.2			
	2	1983	11 2 23 27							2	1983	11 3 20 17					74.9	
	3	1983	11 2 23 27 3.72	6.76	3.04	7.4				3	1983	11 3 20 17 30.10	50.90	20.00	82.3		964	
	4	1983	11 2 23 27							4	1983	11 3 20 17 29.74					67.4	982
	5	1983	11 2 23 27 3.30	5.08	2.58	3.5	89			5	1983	11 3 20 17 29.44	50.44	21.00	25.0		984	
362	1	1983	11 3 00 36 48.60	59.50	10.90	201.4			380	1	1983	11 3 20 32						
	2	1983	11 3 00 36 48.50	59.40	10.90	112.3				2	1983	11 3 20 32						
	3	1983	11 3 00 36 48.46	59.36	10.90	157.3	670			3	1983	11 3 20 32 4.54	56.34	51.80	14.9			
	4	1983	11 3 00 36 48.48	59.38	10.90	157.3	648			4	1983	11 3 20 32 4.42	56.22	51.00	37.4			
	5	1983	11 3 00 36 48.64	59.44	10.00	46.5	692			5	1983	11 3 20 32 4.80	56.70	51.90	7.1			
363	1	1983	11 3 01 20						381	1	1983	11 3 21 53 44.54	45.66	1.12	183.1		93	
	2	1983	11 3 01 20							2	1983	11 3 21 53 44.30	45.22	0.92	142.3		90	
	3	1983	11 3 01 20 2.16	4.36	2.20	14.9	68			3	1983	11 3 21 53 44.48	45.54	1.06	134.0		114	
	4	1983	11 3 01 20 2.48	4.84	2.36	29.9	92			4	1983	11 3 21 53 44.80	46.26	1.38	59.9		128	
	5	1983	11 3 01 20 2.08	4.26	2.10	14.3	80			5	1983	11 3 21 53 44.62	45.82	1.20	78.8		154	
364	1	1983	11 3 01 50 31.26	72.82	41.56	183.1	1452		382	1	1983	11 3 23 17 9.22	17.86	8.64	201.4			
	2	1983	11 3 01 50 31.14	72.74	41.60	97.3				2	1983	11 3 23 17 9.40	17.90	8.50	164.7			
	3	1983	11 3 01 50 31.28	72.88	41.60	104.8	1794			3	1983	11 3 23 17 9.46	18.16	8.70	172.2		664	
	4	1983	11 3 01 50 31.18	72.68	41.50	97.3	1884			4	1983	11 3 23 17 9.14	18.38	9.24	172.2		646	
	5	1983	11 3 01 50 30.96	72.52	41.56	75.2	1796			5	1983	11 3 23 17 8.96	17.64	8.68	78.8		746	
365	1	1983	11 3 01 56 33.02	37.52	4.50	201.4	325		383	1	1983	11 3 23 28						
	2	1983	11 3 01 56 32.70	37.10	4.40	119.8				2	1983	11 3 23 28						
	3	1983	11 3 01 56 32.70	37.12	4.42	74.9	306			3	1983	11 3 23 28 45.10	61.40	16.30	29.9		858	
	4	1983	11 3 01 56 33.32	38.00	4.68	97.3	275			4	1983	11 3 23 28 45.08			29.9		862	
	5	1983	11 3 01 56 33.32	38.00	4.68	70.8	284			5	1983	11 3 23 28 45.04	61.48	16.44	7.1		866	
366	1	1983	11 3 02 24 47.64	52.50	4.86	54.9			384	1	1983	11 3 23 54 40.02	40.46	0.44	183.1		44	
	2	1983	11 3 02 24							2	1983	11 3 23 54 40.18	40.70	0.52	29.9			
	3	1983	11 3 02 24 47.60			14.9	122			3	1983	11 3 23 54 40.22	40.86	0.64	44.9		48	
	4	1983	11 3 02 24 47.56	52.36	4.80	22.4	152			4	1983	11 3 23 54 40.30	40.96	0.66	29.9		59	
	5	1983	11 3 02 24 47.26	51.90	4.64	14.3	137			5	1983	11 3 23 54 40.22	40.80	0.58	32.2		42	
367	1	1983	11 3 03 07						385	1	1983	11 4 00 34 1.78	12.88	11.10	36.6			
	2	1983	11 3 03 07							2	1983	11 4 00 34						
	3	1983	11 3 03 07 31.27	49.23	17.96	7.4				3	1983	11 4 00 34 1.84	13.02	11.18	7.4		414	
	4	1983	11 3 03 07 31.09			22.4				4	1983	11 4 00 34 2.11	13.37	11.26	14.9		488	
	5	1983	11 3 03 07 31.30	49.20	17.90	3.5				5	1983	11 4 00 34 1.86	13.04	11.18	3.5		431	
368	1	1983	11 3 03 56 6.98			291.4	1888		386	1	1983	11 4 01 14 40.90			91.5		1066	
	2	1983	11 3 03 56 6.76	40.36	33.60	172.2				2	1983	11 4 01 14 40.00			29.9		1066	
	3	1983	11 3 03 56 6.76	40.46	33.70	172.2	2102			3	1983	11 4 01 14 40.90			22.4		1066	
	4	1983	11 3 03 56 7.16	40.36	33.20	172.2	2088			4	1983	11 4 01 14 40.42			37.4		1069	
	5	1983	11 3 03 56 6.66	40.86	33.40	82.4	2023			5	1983	11 4 01 14 40.86			10.7		1065	
369	1	1983	11 3 05 51 53.86						387	1	1983	11 4 05 59 19.80	26.16	6.36	73.2		382	
	2	1983	11 3 05 51							2	1983	11 4 05 59 19.62			82.3			
	3	1983	11 3 05 51 54.02	55.58	1.56	14.9	66			3	1983	11 4 05 59 19.90	26.14	6.24	37.4		421	
	4	1983	11 3 05 51 53.94	55.38	1.44	7.4	48			4	1983	11 4 05 59 19.70			89.8		528	
	5	1983	11 3 05 51 53.58	54.70	1.12	7.1	59			5	1983	11 4 05 59 19.50	25.22	5.72	14.3		458	
370	1	1983	11 3 07 36 28.50			219.7	331		388	1	1983	11 4 09 47 38.62			281.4		1895	
	2	1983	11 3 07 36 28.88			149.8	479			2	1983	11 4 09 47 38.60			164.7		1890	
	3	1983	11 3 07 36 28.78			149.8	678			3	1983	11 4 09 47 38.80			172.2		1896	
	4	1983	11 3 07 36 28.14			149.8	634			4	1983	11 4 09 47 38.82			172.2		1892	
	5	1983	11 3 07 36 28.34			71.6	782			5	1983	11 4 09 47 38.48			82.4		1112	
371	1	1983	11 3 08 04 40.52	75.32	34.80	183.1			389	1	1983	11 4 09 59						
	2	1983	11 3 08 04							2	1983	11 4 09 59 31.90	44.86	12.88	37.4		319	
	3	1983	11 3 08 04 40.34	75.34	35.00	59.9	1174			3	1983	11 4 09 59 32.14	44.98	12.64	29.9		307	
	4	1983	11 3 08 04							4	1983	11 4 09 59 32.36	44.98	12.62	37.4		381	
	5	1983	11 3 08 04 40.36	75.60	35.24	32.2	1196			5	1983	11 4 09 59 32.20	44.92	12.72	10.7		299	
372	1	1983	11 3 11 37 50.73	77.31	26.58	36.6			390	1	1983	11 4 10 24 17.44			201.4		2984	
	2	1983	11 3 11 37							2	1983	11 4 10 24 17.32			164.7		2981	
	3	1983	11 3 11 37 50.61	77.25	26.64	14.9				3	1983	11 4 10 24 17.30			172.2		2985	
	4	1983	11 3 11 37							4	1983	11 4 10 24 17.28			164.7			
	5	1983	11 3 11 37 50.65	77.25	26.60	7.1				5	1983	11 4 10 24 17.36			78.8		2983	
373	1	1983	11 3 14 02 30.72	54.56	23.84	73.2	866		391	1	1983	11 4 11 06 17.40			91.5			
	2	1983	11 3 14 02							2	1983	11 4 11 06 17.90	21.78	3.88	37.4			
	3	1983	11 3 14 02 30.63	54.47	23.84	44.9	850			3	1983	11 4 11 06 17.90	21.72	3.82	44.9		101	
	4	1983	11 3 14 02							4	1983	11 4 11 06 17.30	20.82	3.52	44.9		265	
	5	1983	11 3 14 02 30.80	54.80	24.00	21.5	906			5	1983	11 4 11 06 17.40	21.00	3.60	17.9		237	
374	1	1983	11 3 14 08 38.88	52.84	13.16	36.6			392	1	1983	11 4 12 14 33.96	47.86	13.10	201.4		575	
	2	1983	11 3 14 08							2	1983	11 4 12 14 33.92	47.86	13.14	67.4		571	
	3	1983	11 3 14 08 38.62	51.56	12.94	14.9				3	1983	11 4 12 14 33.94	47.10	13.16	112.3		571	
	4																	

Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine
397	1	1983	11 4 16 10 42.42	53.42	11.00	54.9	612		415	1	1983	11 6 05 50 39.78	47.92	0.14	18.3	339	
	2	1983	11 4 16 10							2	1983	11 6 05 50					
	3	1983	11 4 16 10 42.40	53.38	10.90	29.9	609			3	1983	11 6 05 50 39.60	47.90	0.22	7.4	340	
	4	1983	11 4 16 10 42.48	53.32	10.84	14.9	613			4	1983	11 6 05 50 39.82	40.14	8.32	14.9	339	
	5	1983	11 4 16 10 42.40	53.28	10.80	7.1				5	1983	11 6 05 50					
399	1	1983	11 4 17 15 3.96	23.94	19.98	201.4	966		416	1	1983	11 6 05 54 49.62	66.10	16.40	164.8	644	
	2	1983	11 4 17 15 3.80	23.92	20.04	104.0	945			2	1983	11 6 05 54 49.68	66.15	16.40	82.3	644	
	3	1983	11 4 17 15 4.04	23.68	19.64	134.0	962			3	1983	11 6 05 54 49.72	66.22	16.50	119.8	649	
	4	1983	11 4 17 15 3.88	23.92	20.04	164.7	974			4	1983	11 6 05 54 49.74	66.18	16.44	82.3	645	
	5	1983	11 4 17 15	24.06	20.18	60.9				5	1983	11 6 05 54					
399	1	1983	11 4 22 05 53.50			201.4	1891		417	1	1983	11 6 13 20 18.22	30.53	12.31	54.9		
	2	1983	11 4 22 05 53.48			164.7	1890			2	1983	11 6 13 20 18.18	30.62	12.44	44.9		
	3	1983	11 4 22 05 53.18			172.2	1891			3	1983	11 6 13 20 18.10	30.58	12.48	22.4		
	4	1983	11 4 22 05 53.32			172.2	1892			4	1983	11 6 13 20 18.02	30.48	12.46	52.4		
	5	1983	11 4 22 05 53.80			82.4	1892			5	1983	11 6 13 20 17.98	30.52	12.54	14.3		
400	1	1983	11 5 01 04 9.78	21.50	11.73	201.4	240		418	1	1983	11 6 13 20 44.03	56.15	12.12	73.2	531	
	2	1983	11 5 01 04 9.84	21.46	11.62	144.7	244			2	1983	11 6 13 20 44.00	56.97	11.97	59.9	531	
	3	1983	11 5 01 04 9.94	21.48	11.54	172.2	242			3	1983	11 6 13 20 44.05	55.92	11.87	22.4	533	
	4	1983	11 5 01 04 10.28	21.40	11.12	172.2	243			4	1983	11 6 13 20 44.17	55.95	11.78	37.4	532	
	5	1983	11 5 01 04 9.88	21.46	11.58	82.4	244			5	1983	11 6 13 20 44.05	55.02	11.77	21.5	531	
401	1	1983	11 5 05 26 31.82	36.18	4.36	18.3			419	1	1983	11 6 16 04 46.98	58.30	11.32	91.5	601	
	2	1983	11 5 05 26 31.64	36.18	4.54	37.4				2	1983	11 6 16 04 47.02	58.02	11.00	37.4	599	
	3	1983	11 5 05 26 31.50	36.10	4.60	14.9				3	1983	11 6 16 04 47.10	58.12	10.94	22.4	599	
	4	1983	11 5 05 26 31.74	36.14	4.40	14.9				4	1983	11 6 16 04 47.76	58.58	10.82	14.9	596	
	5	1983	11 5 05 26 31.82	36.10	4.28	10.7				5	1983	11 6 16 04 47.28	58.26	10.90	14.3	594	
402	1	1983	11 5 05 27 2.26			36.6	604		420	1	1983	11 6 17 49 44.28	58.18	13.90	128.2		
	2	1983	11 5 05 27 2.36			44.9	613			2	1983	11 6 17 49 44.34	58.04	13.70	74.9		
	3	1983	11 5 05 27 2.50			22.4	603			3	1983	11 6 17 49 43.96	58.10	14.14	119.0		
	4	1983	11 5 05 27 2.60			22.4	612			4	1983	11 6 17 49 44.20	58.12	13.92	44.9		
	5	1983	11 5 05 27 2.20			10.7	604			5	1983	11 6 17 49 44.08	57.78	13.70	35.8		
403	1	1983	11 5 07 01 14.52	33.70	19.18	201.4			421	1	1983	11 6 18 26 47.10	64.08	16.98	183.1	770	
	2	1983	11 5 07 01 14.32	33.72	19.40	52.4				2	1983	11 6 18 26 47.12	64.28	17.16	168.5	772	
	3	1983	11 5 07 01 14.34	33.48	19.14	52.4				3	1983	11 6 18 26 46.54	62.58	16.04	134.8	778	
	4	1983	11 5 07 01 14.22	33.58	19.36	119.8				4	1983	11 6 18 26 46.92	63.82	16.90	122.2	774	
	5	1983	11 5 07 01 14.20	33.56	19.36	28.6				5	1983	11 6 18 26 47.12	63.86	16.74	46.5	1066	
404	1	1983	11 5 07 02 6.18			54.9	810		422	1	1983	11 6 19 41 19.78	35.22	15.44	36.6	429	
	2	1983	11 5 07 02 6.10			44.9	820			2	1983	11 6 19 41 19.64	34.76	15.12	37.4	432	
	3	1983	11 5 07 02 5.98			22.4	821			3	1983	11 6 19 41 19.46	35.82	15.56	7.4	435	
	4	1983	11 5 07 02 5.78			37.4	821			4	1983	11 6 19 41 19.52	35.12	15.60	14.9	433	
	5	1983	11 5 07 02 5.68			14.3	825			5	1983	11 6 19 41 19.64	35.24	15.60	3.5	432	
405	1	1983	11 5 10 23 52.67	90.98	38.23	201.4	1930		423	1	1983	11 6 21 19 26.88	44.50	17.62	201.4	984	
	2	1983	11 5 10 23 52.13	91.57	39.44	142.3	1932			2	1983	11 6 21 19 26.84	44.68	17.84	131.0	980	
	3	1983	11 5 10 23 51.97	91.03	39.04	157.3	1930			3	1983	11 6 21 19 26.80	44.60	17.80	172.2	982	
	4	1983	11 5 10 23 52.50	91.33	38.83	164.7	1937			4	1983	11 6 21 19 26.90	44.52	17.62	172.2	972	
	5	1983	11 5 10 23 52.03	91.57	39.54	82.4	1930			5	1983	11 6 21 19 27.22	44.42	17.20	75.2	974	
406	1	1983	11 5 10 45						424	1	1983	11 6 21 37 8.18			36.6		
	2	1983	11 5 10 45 35.06							2	1983	11 6 21 37					
	3	1983	11 5 10 45 34.92			22.4				3	1983	11 6 21 37 8.02	11.22	3.20	22.4	114	
	4	1983	11 5 10 45 34.94			22.4				4	1983	11 6 21 37 8.44	11.94	3.50	29.9	146	
	5	1983	11 5 10 45 35.23	41.97	7.03	14.3				5	1983	11 6 21 37 8.68	12.32	3.64	28.6	152	
407	1	1983	11 5 11 42						425	1	1983	11 7 01 46					
	2	1983	11 5 11 42							2	1983	11 7 01 46					
	3	1983	11 5 11 42 27.47	31.37	3.98	14.9	113			3	1983	11 7 01 46 11.44	34.88	23.44	7.4		
	4	1983	11 5 11 42							4	1983	11 7 01 46 11.26	34.46	23.20	14.9		
	5	1983	11 5 11 42 26.93	30.83	3.10	10.7	128			5	1983	11 7 01 46 11.62	35.14	23.52	3.5	558	
408	1	1983	11 5 12 50 58.13	61.20	3.07	219.7	240		426	1	1983	11 7 02 09					
	2	1983	11 5 12 50 58.11	61.17	3.06	149.8				2	1983	11 7 02 09					
	3	1983	11 5 12 50 58.17	61.30	3.13	149.8	363			3	1983	11 7 02 09					
	4	1983	11 5 12 50 58.07	61.10	3.03	149.8	297			4	1983	11 7 02 09					
	5	1983	11 5 12 50 57.77	60.67	2.98	71.6	262			5	1983	11 7 02 09 50.88			7.1		
409	1	1983	11 5 13 18 41.37	57.27	15.90	54.9	569		427	1	1983	11 7 03 11 24.80	58.16	33.36	109.8	1080	
	2	1983	11 5 13 18 41.97			52.4	561			2	1983	11 7 03 11					
	3	1983	11 5 13 18 42.03	57.05	15.02	37.4	561			3	1983	11 7 03 11 24.74			44.9		
	4	1983	11 5 13 18 41.08	56.90	15.82	67.4	561			4	1983	11 7 03 11 24.52	57.48	32.96	74.9	989	
	5	1983	11 5 13 18 41.73	57.07	15.34	14.3	559			5	1983	11 7 03 11 24.88	58.08	33.20	14.3	996	
410	1	1983	11 5 15 35 42.34	55.34	13.08	36.6	563		428	1	1983	11 7 04 30					
	2	1983	11 5 15 35 42.18	55.28	13.10	52.4				2	1983	11 7 04 30					
	3	1983	11 5 15 35 42.36	55.28	12.92	14.9	564			3	1983	11 7 04 30			29.9		
	4	1983	11 5 15 35 42.52	55.48	12.96	44.9				4	1983	11 7 04 30 56.98			22.4		

Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	
			Mo Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mo Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine	
433	1	1983	11 7 09 30						451	1	1983	11 8 00 30						
	2	1983	11 7 09 30							2	1983	11 8 00 30						
	3	1983	11 7 09 30							3	1983	11 8 00 30						
	4	1983	11 7 09 30							4	1983	11 8 00 30						
	5	1983	11 7 09 30 46.04							5	1983	11 8 00 30 40.03						78.8
434	1	1983	11 7 09 59 10.10	162.90	144.00	109.8			452	1	1983	11 8 00 50						
	2	1983	11 7 09 59 12.94							2	1983	11 8 00 50						
	3	1983	11 7 09 59 18.00							3	1983	11 8 00 50						
	4	1983	11 7 09 59 10.30							4	1983	11 8 00 50						
	5	1983	11 7 09 59 18.10							5	1983	11 8 00 50 31.93						53.7
435	1	1983	11 7 10 22 50.54	68.38	17.84	54.9	750		453	1	1983	11 8 02 15						201.4
	2	1983	11 7 10 22							2	1983	11 8 02 15						
	3	1983	11 7 10 22 50.60	68.40	17.80	22.4	750			3	1983	11 8 02 15						
	4	1983	11 7 10 22							4	1983	11 8 02 15						
	5	1983	11 7 10 22 50.44	68.18	17.74	10.7	751			5	1983	11 8 02 15 55.00						82.4
436	1	1983	11 7 11 02						454	1	1983	11 8 02 30						
	2	1983	11 7 11 02							2	1983	11 8 02 30						
	3	1983	11 7 11 02 9.70	10.86	1.16	44.9				3	1983	11 8 02 30						
	4	1983	11 7 11 02							4	1983	11 8 02 30 20.35	28.18	7.83	119.8			470
	5	1983	11 7 11 02 9.80	11.14	1.34	32.2		53		5	1983	11 8 02 30 20.46	27.96	7.50	17.9			450
437	1	1983	11 7 12 16 40.94	49.06	8.12	54.9	566		455	1	1983	11 8 03 10						
	2	1983	11 7 12 16							2	1983	11 8 03 10						
	3	1983	11 7 12 16 41.00	49.04	8.04	22.4	562			3	1983	11 8 03 10						
	4	1983	11 7 12 16 40.68	49.16	8.48	29.9	569			4	1983	11 8 03 10						
	5	1983	11 7 12 16 41.00	49.16	8.16	7.1	565			5	1983	11 8 03 10 52.65						
438	1	1983	11 7 14 32						456	1	1983	11 8 04 17						
	2	1983	11 7 14 32							2	1983	11 8 04 17						
	3	1983	11 7 14 32 50.74	54.50	3.76	29.9	514			3	1983	11 8 04 17						
	4	1983	11 7 14 32 50.16	53.48	3.32	37.4				4	1983	11 8 04 17						
	5	1983	11 7 14 32 50.28	53.72	3.44	10.7	124			5	1983	11 8 04 17 58.69						82.4
439	1	1983	11 7 15 39						457	1	1983	11 8 08 45						
	2	1983	11 7 15 39							2	1983	11 8 08 45						
	3	1983	11 7 15 39 9.86	11.82	1.96	14.9				3	1983	11 8 08 45 25.46	29.88	4.42	29.9			
	4	1983	11 7 15 39							4	1983	11 8 08 45 25.00	29.06	4.06	22.4			
	5	1983	11 7 15 39 10.20	12.44	2.24	10.7	80			5	1983	11 8 08 45 25.14	29.24	4.10	7.1			131
440	1	1983	11 7 16 07						458	1	1983	11 8 09 30 44.08						201.4
	2	1983	11 7 16 07 43.88			74.9	314			2	1983	11 8 09 30 44.00	65.10	21.10	168.5			1255
	3	1983	11 7 16 07 43.90	58.10	6.20	82.3	306			3	1983	11 8 09 30 43.80	64.30	29.50	164.7			1220
	4	1983	11 7 16 07 43.56	49.39	5.83	112.3	288			4	1983	11 8 09 30 43.60	64.20	20.60	164.7			1226
	5	1983	11 7 16 07 43.46	49.02	5.56	46.5	220			5	1983	11 8 09 30 43.12	63.16	20.04	57.3			1192
441	1	1983	11 7 16 43						459	1	1983	11 8 09 48						
	2	1983	11 7 16 43							2	1983	11 8 09 48 1.10	13.26	12.16	112.3			
	3	1983	11 7 16 43 40.07							3	1983	11 8 09 48 1.32	13.56	12.24	37.4			439
	4	1983	11 7 16 43							4	1983	11 8 09 48 1.42	13.90	12.40	52.4			
	5	1983	11 7 16 43 40.07					82.4		5	1983	11 8 09 48 1.12	13.32	12.20	19.7			437
442	1	1983	11 7 17 17						460	1	1983	11 8 11 20 21.92	42.32	20.40	201.4			1306
	2	1983	11 7 17 17							2	1983	11 8 11 20			131.0			
	3	1983	11 7 17 17							3	1983	11 8 11 20 21.70	41.80	20.10	142.3			1300
	4	1983	11 7 17 17							4	1983	11 8 11 20 21.86	41.99	20.13	134.8			1320
	5	1983	11 7 17 17 31.70							5	1983	11 8 11 20 21.54	41.44	19.90	57.3			1283
443	1	1983	11 7 18 20						461	1	1983	11 8 12 44						
	2	1983	11 7 18 20							2	1983	11 8 12 44						
	3	1983	11 7 18 20							3	1983	11 8 12 44 28.40						
	4	1983	11 7 18 20							4	1983	11 8 12 44 28.80						
	5	1983	11 7 18 20 19.51							5	1983	11 8 12 44 28.90						
444	1	1983	11 7 19 21						462	1	1983	11 8 13 06 25.08	37.70	12.62	36.6			491
	2	1983	11 7 19 21							2	1983	11 8 13 06 24.90	37.64	12.74	37.4			488
	3	1983	11 7 19 21							3	1983	11 8 13 06 25.02	37.56	12.54	52.4			485
	4	1983	11 7 19 21							4	1983	11 8 13 06 25.04	37.42	12.38	29.9			
	5	1983	11 7 19 21 45.92							5	1983	11 8 13 06 25.20	37.44	12.24	10.7			487
445	1	1983	11 7 20 16						463	1	1983	11 8 13 29 9.22	18.92	9.70	54.9			
	2	1983	11 7 20 16							2	1983	11 8 13 29 9.10	19.02	9.92	56.1			
	3	1983	11 7 20 16 45.02	52.10	7.08	44.9				3	1983	11 8 13 29 8.84	19.02	10.18	22.4			
	4	1983	11 7 20 16 44.64	51.38	6.74	37.4	224			4	1983	11 8 13 29 9.02	18.76	9.74	22.4			
	5	1983	11 7 20 16 45.16	52.80	7.64	14.3	288			5	1983	11 8 13 29 9.10	19.00	9.90	19.7			
446	1	1983	11 7 20 29						464	1	1983	11 8 13 30 45.62	54.86	9.24	36.6			
	2	1983	11 7 20 29							2	1983	11 8 13 30 45.72	55.26	9.54	37.4			
	3	1983	11 7 20 29 36.28	43.14	6.86	7.4				3	1983	11 8 13 30 45.58	55.20	9.62	7.4			
	4	1983	11 7 20 29 35.64	41.98	6.34	14.9				4	1983	11 8 13 30 45.62	55.18	9.56	22.4			
	5	1983	11 7 20 29 35.72	42.32	6.60	7.1	169			5	1983	11 8 13 30 45.72	55.22	9.50	7.1			
447	1	1983	11 7 21 05						465	1	1983	11 8 15 39						
	2	1983	11 7 21 05							2	1983	11 8 15 39						
	3	1983	11 7 21 05 46.41	73.42	27.01	37.4	860			3	1983	11 8 15 39 54.08	71.56	17.48	14.9			
	4	1983	11 7 21 05 46.25	73.11	26.86	59.9	856			4	1983	11 8 15 39 54.08	71.94	17.86	22.4			479
	5	1983	11 7 21 05 46.08	72.64	26.64													

Ser. No.	St. No.	Year	Arrival Time			P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time			P	S	S-P	F-P	Amp		
			Mn	Da	Hr	Min	Sec	Sec	Sec	Micro-Kine				Mn	Da	Hr	Min	Sec	Sec	Sec	Micro-Kine		
469	1	1983	11	8	23	13					487	1	1983	11	10	03	46	35.38	40.84	5.40	146.5	662	
	2	1983	11	8	23	13	34.85	40.85	13.20	37.4		2	1983	11	10	03	46	35.22	41.06	5.84	37.4	662	
	3	1983	11	8	23	13	35.01	40.41	13.40	14.9		3	1983	11	10	03	46	35.16	40.96	5.80	37.4	665	
	4	1983	11	8	23	13	35.13	40.63	13.50			4	1983	11	10	03	46	35.26	41.02	5.76	44.9	676	
	5	1983	11	8	23	13	34.63	47.71	13.08			5	1983	11	10	03	46	35.24	40.98	5.74	21.5	676	
470	1	1983	11	9	01	00					488	1	1983	11	10	03	46	11.42	22.08	11.46	54.9		
	2	1983	11	9	01	00						2	1983	11	10	03	46	11.46	23.04	11.58	37.4		
	3	1983	11	9	01	00	8.92			37.4		3	1983	11	10	03	46	11.34	22.08	11.54	22.4		
	4	1983	11	9	01	00	8.74			29.9		4	1983	11	10	03	46	11.32	23.02	11.70	37.4		
	5	1983	11	9	01	00	8.74			14.3		5	1983	11	10	03	46	11.48	23.02	11.54	10.7		
471	1	1983	11	9	04	06					489	1	1983	11	10	05	04	50.78	73.22	22.44	18.3	541	
	2	1983	11	9	04	06						2	1983	11	10	05	04						
	3	1983	11	9	04	06	7.94	25.54	17.60			3	1983	11	10	05	04	50.92	72.20	21.28	7.4	539	
	4	1983	11	9	04	06	8.24	26.04	17.80			4	1983	11	10	05	04	50.98	72.36	21.38	14.9	539	
	5	1983	11	9	04	06	8.09	25.75	17.66			5	1983	11	10	05	04	50.94	72.18	21.24	3.5	540	
472	1	1983	11	9	04	57				201.4	490	1	1983	11	10	05	09				107.8		
	2	1983	11	9	04	57				205.9		2	1983	11	10	05	09	49.06	75.30	26.24	37.4	660	
	3	1983	11	9	04	57				172.2		3	1983	11	10	05	09	49.00	75.20	26.20	29.9	665	
	4	1983	11	9	04	57				164.7		4	1983	11	10	05	09	48.90	75.00	26.10	44.9	662	
	5	1983	11	9	04	57	32.26	60.66	28.40	82.4		5	1983	11	10	05	09	48.92	75.12	26.20	14.3	665	
473	1	1983	11	9	05	11					491	1	1983	11	10	06	15	39.92	47.42	7.50	18.3	346	
	2	1983	11	9	05	11						2	1983	11	10	06	15	39.94	47.52	7.50	37.4	437	
	3	1983	11	9	05	11						3	1983	11	10	06	15	40.88	47.48	7.40	14.9	337	
	4	1983	11	9	05	11						4	1983	11	10	06	15	40.80	47.48	7.40	14.9	436	
	5	1983	11	9	05	11	31.70					5	1983	11	10	06	15	39.90	47.32	7.42	3.5	339	
474	1	1983	11	9	05	58					492	1	1983	11	10	13	08	51.10	64.58	13.48	54.9	557	
	2	1983	11	9	05	58						2	1983	11	10	13	08	51.24	64.32	13.08	112.3	554	
	3	1983	11	9	05	58						3	1983	11	10	13	08	51.40	64.58	13.10	37.4	551	
	4	1983	11	9	05	58						4	1983	11	10	13	08	51.44	64.32	12.88	44.9	553	
	5	1983	11	9	05	58	55.50					5	1983	11	10	13	08	50.82	64.40	13.58	14.3	558	
475	1	1983	11	9	06	40					493	1	1983	11	10	14	32	15.14	24.04	8.90	146.5	985	
	2	1983	11	9	06	40						2	1983	11	10	14	32	14.90	24.82	9.12	112.3	986	
	3	1983	11	9	06	40	3.42	16.82	13.40	37.4	515	3	1983	11	10	14	32	15.20	24.06	8.86	127.3	986	
	4	1983	11	9	06	40	3.68	17.28	13.68	52.4	523	4	1983	11	10	14	32	15.14	24.40	9.26	112.3	986	
	5	1983	11	9	06	40	3.30	16.38	13.08	25.0	503	5	1983	11	10	14	32	14.80	24.06	9.26	28.6	989	
476	1	1983	11	9	07	01					494	1	1983	11	10	16	02	51.80	55.40	3.60	128.2	365	
	2	1983	11	9	07	01						2	1983	11	10	16	02	51.46	55.38	3.92	56.1		
	3	1983	11	9	07	01						3	1983	11	10	16	02	51.58	55.36	3.78	59.9	367	
	4	1983	11	9	07	01	19.40			29.9	496	4	1983	11	10	16	02						
	5	1983	11	9	07	01	19.86	33.66	14.60	7.1	404	5	1983	11	10	16	02	51.64	55.42	3.78	25.0		
477	1	1983	11	9	07	36					495	1	1983	11	10	16	46						
	2	1983	11	9	07	36						2	1983	11	10	16	46						
	3	1983	11	9	07	36						3	1983	11	10	16	46						
	4	1983	11	9	07	36						4	1983	11	10	16	46						
	5	1983	11	9	07	36	50.04					5	1983	11	10	16	46	46.01					
478	1	1983	11	9	10	19					496	1	1983	11	10	19	38						
	2	1983	11	9	10	19						2	1983	11	10	19	38						
	3	1983	11	9	10	19	51.36			37.4		3	1983	11	10	19	38						
	4	1983	11	9	10	19						4	1983	11	10	19	38						
	5	1983	11	9	10	19	51.46	65.46	14.80	14.3	465	5	1983	11	10	19	38	15.20					
479	1	1983	11	9	10	27					497	1	1983	11	10	20	20						
	2	1983	11	9	10	27						2	1983	11	10	20	20						
	3	1983	11	9	10	27	55.42	59.72	4.30	29.9		3	1983	11	10	20	20	7.00			22.4		
	4	1983	11	9	10	27	55.64	68.28	4.64	22.4		4	1983	11	10	20	20	7.20	19.80	12.60	14.9	315	
	5	1983	11	9	10	27				10.7		5	1983	11	10	20	20	7.38	19.94	12.56	7.1	300	
480	1	1983	11	9	11	15	22.38			201.4	498	1	1983	11	10	20	52						
	2	1983	11	9	11	15	24.50			205.9		2	1983	11	10	20	52						
	3	1983	11	9	11	15	24.38			172.2		3	1983	11	10	20	52	48.58	53.64	5.06	22.4	153	
	4	1983	11	9	11	15	23.10			172.2		4	1983	11	10	20	52	48.34	53.26	4.92	22.4	142	
	5	1983	11	9	11	15	22.70			82.4		5	1983	11	10	20	52	48.12	52.94	4.82	21.5	114	
481	1	1983	11	9	20	15	20.64	23.88	3.24	54.9	508	499	1	1983	11	10	23	41	46.38	56.32	9.94	73.2	
	2	1983	11	9	20	15	20.86	23.20	3.14	37.4	514		2	1983	11	10	23	41	46.22	55.80	9.58	56.1	
	3	1983	11	9	20	15	20.18	23.74	3.56	29.9	511		3	1983	11	10	23	41	46.26	56.30	10.04	37.4	
	4	1983	11	9	20	15	20.74	23.70	2.96	22.4	507		4	1983	11	10	23						

Ser. No.	St. No.	Year	Arrival Time			P Sec	S Sec	S-P Sec	F-P Sec	Amp Micro-Kine	Ser. No.	St. No.	Year	Arrival Time			P Sec	S Sec	S-P Sec	F-P Sec	Amp Micro-Kine		
			Mo	Da	Hr	Min	Sec						Mo	Da	Hr	Min	Sec						
505	1	1983	11	11	01	49					523	1	1983	11	11	20	18	31.00	40.44	9.36	36.6	414	
	2	1983	11	11	01	49	38.60	40.66	2.06	37.4		2	1983	11	11	20	18	31.04	40.52	9.46	37.4	413	
	3	1983	11	11	01	49	38.80	41.00	2.20	14.9	00	3	1983	11	11	20	18	31.02	40.50	9.48	22.4	413	
	4	1983	11	11	01	49	38.74	40.02	2.00	22.4	74	4	1983	11	11	20	18	31.18	40.60	9.50	29.9	414	
	5	1983	11	11	01	49	38.52	40.50	1.98	10.7	53	5	1983	11	11	20	18	31.30	40.64	9.34	10.7	415	
506	1	1983	11	11	02	08	29.22	55.44	26.22	54.9	507	524	1	1983	11	11	21	36					
	2	1983	11	11	02	08							2	1983	11	11	21	36					
	3	1983	11	11	02	08	29.38	55.40	26.10	37.4	506		3	1983	11	11	21	36	57.00	61.68	4.60	14.9	144
	4	1983	11	11	02	08	29.36	55.52	26.16	29.9	505		4	1983	11	11	21	36	56.80	61.26	4.46	29.9	119
	5	1983	11	11	02	08	29.20	55.42	26.14	10.7	506		5	1983	11	11	21	36	56.56	60.94	4.38	21.5	131
507	1	1983	11	11	03	09	22.32	33.66	11.34	36.6	300	525	1	1983	11	11	23	59	0.50	12.32	3.74	146.5	154
	2	1983	11	11	03	09	22.46	33.66	11.20	37.4	306		2	1983	11	11	23	59	8.70	12.62	3.92	131.0	
	3	1983	11	11	03	09	22.56	33.54	10.98	14.9	304		3	1983	11	11	23	59	8.74	12.60	3.94	134.0	210
	4	1983	11	11	03	09	22.48	33.66	11.18	14.9	305		4	1983	11	11	23	59	0.30	12.00	3.62	149.8	2260
	5	1983	11	11	03	09	22.24	33.70	11.46	3.5	308		5	1983	11	11	23	59	8.24	11.72	3.48	71.6	2420
508	1	1983	11	11	04	30						526	1	1983	11	12	00	19	4.44	19.93	15.49	164.8	690
	2	1983	11	11	04	30							2	1983	11	12	00	19				74.9	
	3	1983	11	11	04	30	41.02				612		3	1983	11	12	00	19	4.50	20.04	15.54	74.9	686
	4	1983	11	11	04	30	40.70	60.24	27.54	22.4			4	1983	11	12	00	19	4.06	19.28	15.22	97.3	600
	5	1983	11	11	04	30	40.72	60.22	27.50	17.9	818		5	1983	11	12	00	19	3.98	19.14	15.16	43.0	677
509	1	1983	11	11	04	54						527	1	1983	11	12	03	33					
	2	1983	11	11	04	54							2	1983	11	12	03	33					
	3	1983	11	11	04	54	43.44	47.70	4.26	14.9	08		3	1983	11	12	03	33	32.32	48.40	16.08	22.4	
	4	1983	11	11	04	54	42.96	46.78	3.82	7.4	101		4	1983	11	12	03	33	32.78	49.02	16.24	37.4	530
	5	1983	11	11	04	54	43.18	47.22	4.04	3.5	80		5	1983	11	12	03	33	32.58	48.66	16.08	21.5	583
510	1	1983	11	11	05	54	15.12	28.34	13.22	201.4	16790	528	1	1983	11	12	05	22	35.30				
	2	1983	11	11	05	54	15.28	28.34	13.06	205.9	16710		2	1983	11	12	05	22					
	3	1983	11	11	05	54	15.28	28.22	13.02	172.2	16820		3	1983	11	12	05	22	35.26				
	4	1983	11	11	05	54	14.84	28.16	13.32	172.2	16860		4	1983	11	12	05	22	35.10				
	5	1983	11	11	05	54	14.84	28.16	13.32	82.4	16890		5	1983	11	12	05	22	35.22				
511	1	1983	11	11	06	36	0.64	14.66	14.02	201.4		529	1	1983	11	12	06	51					
	2	1983	11	11	06	36							2	1983	11	12	06	51					
	3	1983	11	11	06	36	0.82	14.56	13.74	142.3			3	1983	11	12	06	51					
	4	1983	11	11	06	36	0.62	14.76	14.14	164.7			4	1983	11	12	06	51	34.94	41.38	6.44	29.9	170
	5	1983	11	11	06	36	0.66	14.80	14.14	82.4			5	1983	11	12	06	51	34.46	40.64	6.18	14.3	146
512	1	1983	11	11	07	22						530	1	1983	11	12	09	32					
	2	1983	11	11	07	22							2	1983	11	12	09	32					
	3	1983	11	11	07	22	24.80						3	1983	11	12	09	32	32.72				
	4	1983	11	11	07	22	24.92						4	1983	11	12	09	32	33.26				
	5	1983	11	11	07	22	24.68						5	1983	11	12	09	32	32.70				
513	1	1983	11	11	10	52	35.20	38.20	3.00	91.5		531	1	1983	11	12	10	53					
	2	1983	11	11	10	52							2	1983	11	12	10	53					
	3	1983	11	11	10	52	35.10	38.12	3.02	37.4	92		3	1983	11	12	10	53	37.42				
	4	1983	11	11	10	52							4	1983	11	12	10	53					
	5	1983	11	11	10	52	35.26	38.36	3.10	50.1	117		5	1983	11	12	10	53	37.26				
514	1	1983	11	11	11	38						532	1	1983	11	12	13	36					
	2	1983	11	11	11	38							2	1983	11	12	13	36					
	3	1983	11	11	11	38	22.50			37.4	63		3	1983	11	12	13	36	26.28	51.48	25.20	52.4	802
	4	1983	11	11	11	38							4	1983	11	12	13	36	25.98	50.96	24.98	67.4	842
	5	1983	11	11	11	38	22.12	24.96	2.84	35.8	74		5	1983	11	12	13	36	26.06	51.10	25.04	28.6	906
515	1	1983	11	11	11	41	42.98	57.86	14.88	201.4	730	533	1	1983	11	12	15	08					
	2	1983	11	11	11	41	42.76	57.78	15.02	131.0	730		2	1983	11	12	15	08					
	3	1983	11	11	11	41	42.76	57.74	14.98	157.3	730		3	1983	11	12	15	08	13.23	26.83	13.60	22.4	296
	4	1983	11	11	11	41	43.14	57.78	14.64	172.2	728		4	1983	11	12	15	08	13.37	26.87	13.50	22.4	318
	5	1983	11	11	11	41	42.92	57.86	14.94	68.1	728		5	1983	11	12	15	08	13.19	26.79	13.60	7.1	303
516	1	1983	11	11	12	29	48.14	55.24	7.10	54.9		534	1	1983	11	12	16	55					109.8
	2	1983	11	11	12	29	48.34	55.26	6.92	37.4			2	1983	11	12	16	55					
	3	1983	11	11	12	29	48.50	55.16	6.66	37.4			3	1983	11	12	16	55	56.10	75.36	19.26	52.4	404
	4	1983	11	11	12	29	48.44	55.16	6.72	44.9			4	1983	11	12	16	55	55.88	74.98	19.10	67.4	
	5	1983	11	11	12	29	48.58	55.26	6.68	25.0			5	1983	11	12	16	55	56.00	75.32	19.24	17.9	648
517	1	1983	11	11	12	42	19.98	22.00	2.02	36.6		5											



Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp		
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine		
541	1	1983	11 13 04 36						559	1	1983	11 14 11 41							
	2	1983	11 13 04 36							2	1983	11 14 11 41							
	3	1983	11 13 04 36 34.70				22.4			3	1983	11 14 11 41 30.38							
	4	1983	11 13 04 36 34.60				29.9			4	1983	11 14 11 41 30.90							
	5	1983	11 13 04 36 34.40				18.7			5	1983	11 14 11 41 30.14							
542	1	1983	11 13 04 52 12.38	20.61	8.23	36.6		326	560	1	1983	11 14 11 53							
	2	1983	11 13 04 52 12.36	20.58	8.22	56.1				2	1983	11 14 11 53							
	3	1983	11 13 04 52 12.56	20.92	8.36	22.4		412		3	1983	11 14 11 53 14.90	16.30	1.40	22.4		65		
	4	1983	11 13 04 52 12.48	20.70	8.30	29.9		404		4	1983	11 14 11 53							
	5	1983	11 13 04 52 12.06	20.06	8.00	10.7		396		5	1983	11 14 11 53 14.92	16.38	1.46	10.7		43		
543	1	1983	11 13 06 00					109.8	561	1	1983	11 14 12 42							
	2	1983	11 13 06 00 29.00	51.20	22.20	74.9				2	1983	11 14 12 42							
	3	1983	11 13 06 00 39.15	51.54	22.36	67.4		692		3	1983	11 14 12 42 17.40	19.94	2.54	14.9		53		
	4	1983	11 13 06 00 29.17	51.57	22.40	104.0		764		4	1983	11 14 12 42 17.92	20.86	2.94	7.4		37		
	5	1983	11 13 06 00 38.86	51.30	22.44	32.2		784		5	1983	11 14 12 42 17.48	20.08	2.60	10.7		41		
544	1	1983	11 13 10 32 24.98					91.5	562	1	1983	11 14 15 17						128.2	
	2	1983	11 13 10 32							2	1983	11 14 15 17							131.0
	3	1983	11 13 10 32 24.70					37.4		3	1983	11 14 15 17							89.8
	4	1983	11 13 10 32					59.9		4	1983	11 14 15 17							142.3
	5	1983	11 13 10 32 24.92					14.3		5	1983	11 14 15 17 55.27							25.0
545	1	1983	11 13 19 02 54.44	67.64	13.20	201.4		420	563	1	1983	11 14 18 36							
	2	1983	11 13 19 02 54.28	67.34	13.06	131.0		420		2	1983	11 14 18 36							
	3	1983	11 13 19 02 54.44	67.86	13.42	134.0		552		3	1983	11 14 18 36 2.58	4.32	1.74	52.4		74		
	4	1983	11 13 19 02 54.74	68.14	13.40	142.3		604		4	1983	11 14 18 36 2.76	4.08	1.92	22.4		83		
	5	1983	11 13 19 02 54.48	67.72	13.24	57.3		654		5	1983	11 14 18 36 2.60	4.20	1.68	28.6		62		
546	1	1983	11 13 21 20						564	1	1983	11 14 19 31							
	2	1983	11 13 21 20							2	1983	11 14 19 31							
	3	1983	11 13 21 20 36.88							3	1983	11 14 19 31							
	4	1983	11 13 21 20							4	1983	11 14 19 31							
	5	1983	11 13 21 20 37.08							5	1983	11 14 19 31 28.38							
547	1	1983	11 13 21 39 10.02	18.82	8.80	201.4		713	565	1	1983	11 14 20 03							
	2	1983	11 13 21 39 9.86	18.54	8.60	205.9		796		2	1983	11 14 20 03							
	3	1983	11 13 21 39 9.96	18.72	8.76	164.7		885		3	1983	11 14 20 03 49.34						67.4	1495
	4	1983	11 13 21 39 10.18	19.10	8.92	164.7		980		4	1983	11 14 20 03 49.32	82.82	33.50	59.9		1810		
	5	1983	11 13 21 39 9.56	18.82	8.46	78.8		855		5	1983	11 14 20 03 48.74			39.4		1400		
548	1	1983	11 13 23 59 41.40	64.00	23.40	73.2			566	1	1983	11 14 22 40							
	2	1983	11 13 23 59							2	1983	11 14 22 40							
	3	1983	11 13 23 59 41.32	64.62	23.30	29.9		538		3	1983	11 14 22 40 23.08						59.9	822
	4	1983	11 13 23 59 41.72	65.35	23.63	37.4		508		4	1983	11 14 22 40 23.14						97.3	794
	5	1983	11 13 23 59 41.76	65.42	23.66	10.7		512		5	1983	11 14 22 40 22.56			21.5		826		
549	1	1983	11 14 00 19						567	1	1983	11 14 23 26							
	2	1983	11 14 00 19							2	1983	11 14 23 26							
	3	1983	11 14 00 19 47.83	65.43	17.60	22.4		440		3	1983	11 14 23 26 11.40	26.00	14.60	134.8				
	4	1983	11 14 00 19 47.75	65.29	17.54	22.4		596		4	1983	11 14 23 26 11.34	25.84	14.50	164.7				
	5	1983	11 14 00 19 47.91	65.57	17.66			594		5	1983	11 14 23 26 10.88			78.8				
550	1	1983	11 14 00 24						568	1	1983	11 14 23 27 47.34						201.4	1930
	2	1983	11 14 00 24							2	1983	11 14 23 27 47.20						285.9	
	3	1983	11 14 00 24 23.66				22.4			3	1983	11 14 23 27 47.44						164.7	1920
	4	1983	11 14 00 24 23.64	41.84	18.20	14.9		415		4	1983	11 14 23 27 47.36						164.7	1880
	5	1983	11 14 00 24 23.36	41.36	18.00			410		5	1983	11 14 23 27 46.94						78.8	1970
551	1	1983	11 14 00 32						569	1	1983	11 15 00 16							
	2	1983	11 14 00 32							2	1983	11 15 00 16							
	3	1983	11 14 00 32							3	1983	11 15 00 16 39.26							
	4	1983	11 14 00 32							4	1983	11 15 00 16 39.46	51.86	12.40	52.4				
	5	1983	11 14 00 32 6.82	27.26	20.44	10.7				5	1983	11 15 00 16 38.98	51.08	12.10	10.7			628	
552	1	1983	11 14 00 37						570	1	1983	11 15 00 18							
	2	1983	11 14 00 37							2	1983	11 15 00 18							
	3	1983	11 14 00 37							3	1983	11 15 00 18 30.40						14.9	
	4	1983	11 14 00 37 4.42	28.32	23.90	22.4				4	1983	11 15 00 18 30.26						22.4	
	5	1983	11 14 00 37 4.38	28.06	23.68			520		5	1983	11 15 00 18 30.06	48.50	18.44	7.1				
553	1	1983	11 14 01 35						571	1	1983	11 15 01 27							
	2	1983	11 14 01 35							2	1983	11 15 01 27							
	3	1983	11 14 01 35 12.70	39.40	26.70	37.4		906		3	1983	11 15 01 27							
	4	1983	11 14 01 35 13.28	40.48	27.20	52.4		922		4	1983	11 15 01 27							
	5	1983	11 14 01 35 12.70	39.20	26.50	17.9				5	1983	11 15 01 27							
554	1	1983	11 14 02 15						572	1	1983	11 15 02 22							
	2	1983	11 14 02 15							2	1983	11 15 02 22							
	3	1983	11 14 02 15 16.46	32.76	16.30	22.4		536		3	1983	11 15 02 22							
	4	1983	11 14 02 15 16.36	32.57	16.21	22.4		540		4	1983	11 15 02 22							
	5	1983	11 14 02 15 16.48	32.80	16.32	7.1		516		5	1983	11 15 02 22 16.94							
555	1	1983	11 14 02 36 43.46	45.64	2.18				573	1	1983	11 15 02 56							183.1
	2	1983	11 14 02 36 43.42	45.60	2.18	18.7				2	1983	11 15 02 56							112.3
	3	1983	11 14 02 36 43.																

Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine
577	1	1983	11 15 04 43 57.50	74.76	17.26	54.9			595	1	1983	11 16 01 12 53.38	71.08	17.70	73.2		674
	2	1983	11 15 04 43							2	1983	11 16 01 12					
	3	1983	11 15 04 43 58.06	68.98	16.92	29.9				3	1983	11 16 01 12 53.36	70.94	17.58	22.4		683
	4	1983	11 15 04 43 57.04	73.94	16.90	29.9	495			4	1983	11 16 01 12 53.24	71.12	17.88	22.4		708
	5	1983	11 15 04 43 57.54	74.00	17.26	17.9	538			5	1983	11 16 01 12 53.64	71.12	17.48	7.1		607
578	1	1983	11 15 05 43						596	1	1983	11 16 01 20					
	2	1983	11 15 05 43							2	1983	11 16 01 20					
	3	1983	11 15 05 43 23.04	39.54	16.50	44.9	451			3	1983	11 16 01 20 59.02	63.46	4.44	37.4		142
	4	1983	11 15 05 43 22.46	38.60	16.14	44.9	548			4	1983	11 16 01 20 59.26	63.86	4.60	44.9		131
	5	1983	11 15 05 43 22.38	38.46	16.08	14.3	446			5	1983	11 16 01 20 58.82	63.16	4.34	17.9		155
579	1	1983	11 15 05 57 57.86			183.1			597	1	1983	11 16 01 23 49.87	63.93	14.06	238.0		
	2	1983	11 15 05 57 58.30	60.38	2.08	93.6				2	1983	11 16 01 23 49.34	63.34	14.80	205.9		
	3	1983	11 15 05 57 58.26	60.32	2.06	127.3	90			3	1983	11 16 01 23 49.52	64.54	14.02	172.2		14180
	4	1983	11 15 05 57 58.14	60.10	1.96	149.8	1210			4	1983	11 16 01 23 50.00	64.03	14.83	172.2		14120
	5	1983	11 15 05 57 58.18	60.20	2.02	71.6	1430			5	1983	11 16 01 23 49.44	63.80	14.36	82.4		14140
580	1	1983	11 15 06 15						598	1	1983	11 16 01 27 1.00			54.9		587
	2	1983	11 15 06 15							2	1983	11 16 01 27 0.96			56.1		587
	3	1983	11 15 06 15 55.74			37.4				3	1983	11 16 01 27 0.94			22.4		588
	4	1983	11 15 06 15 55.76	82.80	27.84	29.9	481			4	1983	11 16 01 27 1.08			44.9		591
	5	1983	11 15 06 15 55.30	82.10	26.80	10.7	476			5	1983	11 16 01 27 1.04			21.5		
581	1	1983	11 15 07 37						599	1	1983	11 16 01 40 20.96			189.6		1678
	2	1983	11 15 07 37							2	1983	11 16 01 40 20.98			74.9		1681
	3	1983	11 15 07 37 18.72	33.88	14.36	44.9				3	1983	11 16 01 40 20.78			37.4		1683
	4	1983	11 15 07 37 18.36	32.52	14.16	67.4				4	1983	11 16 01 40 20.88			37.4		1677
	5	1983	11 15 07 37 18.16	32.12	13.96	25.0				5	1983	11 16 01 40 20.84			43.0		1679
582	1	1983	11 15 07 49 38.82	39.32	1.30	183.1	4820		600	1	1983	11 16 02 09 14.52			54.9		1578
	2	1983	11 15 07 49 38.84	39.04	1.20	187.2				2	1983	11 16 02 09 14.46			56.1		1579
	3	1983	11 15 07 49 38.84	39.38	1.34	149.8	5910			3	1983	11 16 02 09 14.46			52.4		1581
	4	1983	11 15 07 49 38.26	39.82	1.56	149.8	5400			4	1983	11 16 02 09 14.46			49.9		1598
	5	1983	11 15 07 49 37.84	39.88	1.24	71.6	4830			5	1983	11 16 02 09 14.46			25.8		1582
583	1	1983	11 15 08 15						601	1	1983	11 16 02 34 2.90			36.6		187
	2	1983	11 15 08 15							2	1983	11 16 02 34					
	3	1983	11 15 08 15 31.80	45.70	13.90	29.9	324			3	1983	11 16 02 34 2.76	7.40	4.64	7.4		180
	4	1983	11 15 08 15 31.94	45.74	13.80	22.4				4	1983	11 16 02 34 2.68	7.30	4.70	22.4		190
	5	1983	11 15 08 15 31.68	45.38	13.70	10.7	290			5	1983	11 16 02 34 2.66			3.5		190
584	1	1983	11 15 09 30						602	1	1983	11 16 02 38 18.32	45.06	26.74	54.9		1823
	2	1983	11 15 09 30							2	1983	11 16 02 38 18.28	44.98	26.70	56.1		1822
	3	1983	11 15 09 30 29.02	48.48	19.46	22.4				3	1983	11 16 02 38 18.22	44.80	26.58	22.4		1823
	4	1983	11 15 09 30							4	1983	11 16 02 38 18.20	45.02	26.82	37.4		1822
	5	1983	11 15 09 30 29.26	48.86	19.60	7.1	522			5	1983	11 16 02 38 18.12	45.00	26.88	10.7		974
585	1	1983	11 15 17 43						603	1	1983	11 16 03 13					
	2	1983	11 15 17 43 3.68			56.1	651			2	1983	11 16 03 13					
	3	1983	11 15 17 43 3.68			44.9	647			3	1983	11 16 03 13					
	4	1983	11 15 17 43							4	1983	11 16 03 13					
	5	1983	11 15 17 43 3.74			14.3	647			5	1983	11 16 03 13 14.94					
586	1	1983	11 15 17 43 8.48			281.4			604	1	1983	11 16 03 23					
	2	1983	11 15 17 43 8.86			285.9				2	1983	11 16 03 23					
	3	1983	11 15 17 43 8.38			144.7				3	1983	11 16 03 23 22.18	36.88	13.90	14.9		350
	4	1983	11 15 17 43 8.30			172.2				4	1983	11 16 03 23					
	5	1983	11 15 17 43 8.42			82.4				5	1983	11 16 03 23 22.48	36.38	13.90	3.5		350
587	1	1983	11 15 17 56 49.90	66.32	16.42	73.2	755		605	1	1983	11 16 04 35 0.86			36.6		
	2	1983	11 15 17 56 49.72	66.58	16.86	74.9	757			2	1983	11 16 04 35 0.70			37.4		
	3	1983	11 15 17 56 49.70	65.94	16.16	44.9	761			3	1983	11 16 04 35 0.96			52.4		211
	4	1983	11 15 17 56 49.90	65.92	16.02	37.4	777			4	1983	11 16 04 35 1.02	6.66	5.64	52.4		281
	5	1983	11 15 17 56 49.44	64.82	15.38	14.3	805			5	1983	11 16 04 35 0.64	5.88	5.24	10.7		246
588	1	1983	11 15 18 07 29.02	40.88	11.86	54.9	593		606	1	1983	11 16 05 01 10.26	18.70	8.44	54.9		665
	2	1983	11 15 18 07 28.94	41.84	12.90	37.4	593			2	1983	11 16 05 01					
	3	1983	11 15 18 07 28.96	41.82	12.86	29.9	596			3	1983	11 16 05 01 10.44	18.84	8.40	22.4		667
	4	1983	11 15 18 07 28.88	41.66	12.70	29.9	644			4	1983	11 16 05 01 10.88	19.00	8.92	22.4		662
	5	1983	11 15 18 07 28.88	41.72	12.84	10.7	785			5	1983	11 16 05 01 9.88	18.60	8.72	7.1		
589	1	1983	11 15 18 18						607	1	1983	11 16 08 59					
	2	1983	11 15 18 18							2	1983	11 16 08 59 23.67			74.9		
	3	1983	11 15 18 18 43.26	44.50	1.24	22.4	67			3	1983	11 16 08 59 23.47			59.9		
	4	1983	11 15 18 18			7.4				4	1983	11 16 08 59					
	5	1983	11 15 18 18 43.46	44.38	8.92	7.1	35			5	1983	11 16 08 59 24.34			32.2		
590	1	1983	11 15 19 31 18.84			54.9	776		608	1	1983	11 16 10 44 17.56	33.73	16.17	164.8		798
	2	1983	11 15 19 31 18.76			37.4	770			2	1983	11 16 10 44 17.33	33.60	16.27	74.9		801
	3	1983	11 15 19 31 18.68			14.9	783			3	1983	11 16 10 44 17.66	33.63	15.97	149.8		802
	4	1983	11 15 19 31 18.92			22.4	779			4	1983	11 16 10 44					
	5	1983	11 15 19 31 18.96			7.1	778			5	1983	11 16 10 44 17.80	33.93	16.13	28.6		796
591	1	1983	11 15 19 45 25.66	27.18	1.52	281.4			609	1	1983	11 16 11 11 51.13	52.86	0.93			</

Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	App	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	App	
			Mo Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mo Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine	
613	1	1983	11 16 15 05 50.57					109.8	631	1	1983	11 17 04 52						
	2	1983	11 16 15 05 50.54					74.9		2	1983	11 17 04 52						
	3	1983	11 16 15 05 50.27					67.4		3	1983	11 17 04 52	1.20				7.4	325
	4	1983	11 16 15 05							4	1983	11 17 04 52	1.12				7.4	330
	5	1983	11 16 15 05 50.20					25.0		5	1983	11 17 04 52	1.06				3.5	331
614	1	1983	11 16 15 13 21.87						632	1	1983	11 17 05 46 21.34	37.64	16.30			146.5	910
	2	1983	11 16 15 13							2	1983	11 17 05 46 20.86	37.02	16.16			112.3	917
	3	1983	11 16 15 13 21.63	27.29	5.46	104.0	400			3	1983	11 17 05 46 21.08	37.42	16.34			74.9	915
	4	1983	11 16 15 13							4	1983	11 17 05 46						
	5	1983	11 16 15 13 21.63	26.76	5.13	20.6	267			5	1983	11 17 05 46 20.54	36.54	16.00			20.6	913
615	1	1983	11 16 15 45 22.33	52.63	30.30	91.5	1127		633	1	1983	11 17 06 12 42.32	62.10	19.70			128.2	
	2	1983	11 16 15 45 22.10							2	1983	11 17 06 12 42.14	62.00	19.06			56.1	
	3	1983	11 16 15 45 21.90	52.37	30.47	44.9	1136			3	1983	11 17 06 12 41.84	62.06	20.22			52.4	
	4	1983	11 16 15 45							4	1983	11 17 06 12						
	5	1983	11 16 15 45 21.43	52.17	30.74	20.6	1135			5	1983	11 17 06 12 42.24	61.96	19.72			25.0	
616	1	1983	11 16 18 49 52.07	82.67	29.80	36.6	1371		634	1	1983	11 17 09 17						
	2	1983	11 16 18 49 52.70	84.40	31.70	37.4	1369			2	1983	11 17 09 17						
	3	1983	11 16 18 49 52.40	83.00	30.60	22.4	1420			3	1983	11 17 09 17						
	4	1983	11 16 18 49 53.20	84.63	31.43	29.9	1364			4	1983	11 17 09 17	3.73	5.00	1.27		67.4	67
	5	1983	11 16 18 49 52.57	83.03	30.46	17.9	1372			5	1983	11 17 09 17	3.83				35.8	
617	1	1983	11 16 20 12 16.00	32.27	16.27	73.2	823		635	1	1983	11 17 10 14						
	2	1983	11 16 20 12 15.80	32.33	16.53	56.1	820			2	1983	11 17 10 14						
	3	1983	11 16 20 12 15.07	32.10	16.23	37.4	818			3	1983	11 17 10 14 53.53	54.56	1.03			37.4	49
	4	1983	11 16 20 12 15.80	32.07	16.27	22.4	818			4	1983	11 17 10 14						
	5	1983	11 16 20 12 16.30	32.43	16.13	14.3	823			5	1983	11 17 10 14 53.67	54.60	0.93			14.3	37
618	1	1983	11 16 20 17 58.87	60.54	1.67	73.2			636	1	1983	11 17 13 03						
	2	1983	11 16 20 17 58.47			74.9				2	1983	11 17 13 03 2.87					149.8	625
	3	1983	11 16 20 17 59.00	60.43	1.63	119.0	110			3	1983	11 17 13 03 3.00					37.4	621
	4	1983	11 16 20 17 59.20	61.06	1.86	22.4	70			4	1983	11 17 13 03						
	5	1983	11 16 20 17 58.87	60.57	1.70	68.1	83			5	1983	11 17 13 03 2.53					21.5	609
619	1	1983	11 16 20 17 53.20	54.83	1.63	18.3			637	1	1983	11 17 16 59						
	2	1983	11 16 20 17			18.7				2	1983	11 17 16 59						
	3	1983	11 16 20 17 53.13	54.73	1.60	97.3				3	1983	11 17 16 59 15.17	19.24	4.07			37.4	167
	4	1983	11 16 20 17 53.53	55.49	1.87	14.9				4	1983	11 17 16 59						
	5	1983	11 16 20 17 53.17	54.80	1.63	57.3				5	1983	11 17 16 59 14.83	18.56	3.73			17.9	293
620	1	1983	11 16 20 19						638	1	1983	11 17 18 27						
	2	1983	11 16 20 19							2	1983	11 17 18 27 41.63	57.53	15.90			37.4	630
	3	1983	11 16 20 19 42.27			29.9	73			3	1983	11 17 18 27 41.57	57.63	16.06			44.9	660
	4	1983	11 16 20 19							4	1983	11 17 18 27 42.00	58.00	16.00			37.4	658
	5	1983	11 16 20 19 42.30	44.23	1.93	14.3	57			5	1983	11 17 18 27 41.57	57.70	16.13			14.3	649
621	1	1983	11 16 20 37						639	1	1983	11 18 01 20 37.86					54.9	418
	2	1983	11 16 20 37							2	1983	11 18 01 20						
	3	1983	11 16 20 37 2.47			44.9	65			3	1983	11 18 01 20 37.74					14.9	418
	4	1983	11 16 20 37 3.00							4	1983	11 18 01 20 37.86					14.9	417
	5	1983	11 16 20 37 2.73	4.03	1.30	43.0	57			5	1983	11 18 01 20 38.20					7.1	407
622	1	1983	11 16 21 01 7.87	34.53	26.66	54.9	954		640	1	1983	11 18 03 39						
	2	1983	11 16 21 01 7.77	37.70	29.93	37.4	975			2	1983	11 18 03 39						
	3	1983	11 16 21 01 8.37	37.33	28.96	29.9	970			3	1983	11 18 03 39 6.08	17.64	10.76			14.9	400
	4	1983	11 16 21 01 8.40	37.83	29.43	14.9	967			4	1983	11 18 03 39 6.99	17.32	10.34			14.9	398
	5	1983	11 16 21 01 7.80	36.83	29.03	10.7	427			5	1983	11 18 03 39 6.40	16.84	10.44			7.1	406
623	1	1983	11 16 21 18 6.33	8.16	1.83				641	1	1983	11 18 04 41 1.74					73.2	346
	2	1983	11 16 21 18 6.10	7.77	1.67	56.1				2	1983	11 18 04 41						
	3	1983	11 16 21 18 6.37	8.23	1.86	22.4	67			3	1983	11 18 04 41 2.00					29.9	345
	4	1983	11 16 21 18 6.57	8.60	2.03	37.4	49			4	1983	11 18 04 41 1.82					29.9	346
	5	1983	11 16 21 18 6.20	7.97	1.77	39.4	53			5	1983	11 18 04 41 1.68					7.1	344
624	1	1983	11 16 22 07 37.80			54.9	349		642	1	1983	11 18 04 51 16.30	19.68	3.30			201.4	168
	2	1983	11 16 22 07							2	1983	11 18 04 51 16.36	19.70	3.34			131.8	
	3	1983	11 16 22 07 38.80			7.4	306			3	1983	11 18 04 51 16.18	19.42	3.24			149.8	228
	4	1983	11 16 22 07 39.20			7.4	299			4	1983	11 18 04 51 16.18	19.40	3.22			149.8	286
	5	1983	11 16 22 07 39.26			3.5	291			5	1983	11 18 04 51 16.46	19.86	3.40			71.6	236
625	1	1983	11 16 22 30						643	1	1983	11 18 05 23						
	2	1983	11 16 22 30							2	1983	11 18 05 23						
	3	1983	11 16 22 30 23.27	26.54	3.27	74.9	226			3	1983	11 18 05 23 26.04						
	4	1983	11 16 22 30 22.87	25.80	2.93	44.9	172			4	1983	11 18 05 23 26.30						
	5	1983	11 16 22 30 23.00	26.03	3.03	86.0	284			5	1983	11 18 05 23 25.92						
626	1	1983	11 17 00 23						644	1	1983	11 18 05 39 26.62					201.4	1060
	2	1983	11 17 00 23							2	1983	11 18 05 39 26.38					205.9	1083
	3	1983	11 17 00 23 20.84	25.92	5.08	22.4	92			3	1983	11 18 05 39 26.52					172.2	1080
	4	1983	11 17 00 23 20.98	26.22	5.24	7.4	119			4	1983	11 18 05 39 26.68					172.2	1084
	5	1983	11 17 00 23 20.54			14.3	110			5	1983	11 18 05 39 26.26					82.4	1100
627	1</																	

Sec. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Sec. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp		
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine		
649	1	1983	11 10 16 44	10.60	28.44	17.84	91.5	523	667	1	1983	11 20 02 14					54.9		
	2	1983	11 10 16 44							2	1983	11 20 02 14	33.04				37.4		
	3	1983	11 10 16 44	10.84	28.90	18.06	22.4	511		3	1983	11 20 02 14					22.4		
	4	1983	11 10 16 44							4	1983	11 20 02 14					29.9		
	5	1983	11 10 16 44	10.96	29.24	18.28	10.7	519		5	1983	11 20 02 14	32.86	50.08	17.22		7.1	446	
650	1	1983	11 18 19 00	46.78	66.38	19.60	54.9		668	1	1983	11 20 02 51							
	2	1983	11 18 19 00							2	1983	11 20 02 51							
	3	1983	11 18 19 00	46.08	66.18	20.10	22.4			3	1983	11 20 02 51					14.9		
	4	1983	11 18 19 00	46.82	67.04	20.24	14.9			4	1983	11 20 02 51							
	5	1983	11 18 19 00	46.08	66.02	19.94	10.7			5	1983	11 20 02 51	34.84	48.74	13.90		3.5		
651	1	1983	11 18 19 01	55.84	72.26	16.42	189.8	713	669	1	1983	11 20 02 52						91.5	
	2	1983	11 18 19 01	55.88				704		2	1983	11 20 02 52						37.4	
	3	1983	11 18 19 01	55.14	72.20	17.06	67.4	712		3	1983	11 20 02 52	18.58					22.4	
	4	1983	11 18 19 01	56.04	73.84	17.80	59.9	693		4	1983	11 20 02 52	19.04					52.4	
	5	1983	11 18 19 01	54.76	73.38	18.62	28.6	702		5	1983	11 20 02 52	18.82	36.62	17.80		7.1	611	
652	1	1983	11 18 20 41	3.48	8.68	5.20	183.1		670	1	1983	11 20 04 17						36.6	
	2	1983	11 18 20 41	3.28	8.22	4.94	187.2			2	1983	11 20 04 17	58.80					18.7	
	3	1983	11 18 20 41	3.56			149.8	409(		3	1983	11 20 04 17	58.98	77.84	18.86			14.9	
	4	1983	11 18 20 41	3.66	9.22	5.56	149.8	509(		4	1983	11 20 04 17						14.9	
	5	1983	11 18 20 41	3.16	8.26	5.10	71.6	442(		5	1983	11 20 04 17	58.86					7.1	473
653	1	1983	11 18 22 10	11.46	23.88	12.42	54.9	386	671	1	1983	11 20 04 26						36.6	
	2	1983	11 18 22 10	11.40	23.62	12.22	56.1	381		2	1983	11 20 04 26							
	3	1983	11 18 22 10	11.16	23.18	12.02	59.9	388		3	1983	11 20 04 26	9.20					22.4	
	4	1983	11 18 22 10	11.36	23.18	11.82	59.9	384		4	1983	11 20 04 26						14.9	
	5	1983	11 18 22 10	11.74	23.46	11.72	35.8	379		5	1983	11 20 04 26							
654	1	1983	11 18 23 15	51.52	57.28	5.76	91.5		672	1	1983	11 20 05 54							
	2	1983	11 18 23 15	51.32	57.22	5.90	112.3			2	1983	11 20 05 54	32.04					37.4	
	3	1983	11 18 23 15	51.60	57.50	5.90	82.3	341		3	1983	11 20 05 54	32.24					14.9	
	4	1983	11 18 23 15	51.70	57.70	6.00	142.3	388		4	1983	11 20 05 54							
	5	1983	11 18 23 15	51.24	56.48	5.24	32.2	231		5	1983	11 20 05 54	31.76					7.1	457
655	1	1983	11 19 00 29	5.26	18.84	13.58	54.9	841	673	1	1983	11 20 07 40							
	2	1983	11 19 00 29	5.12			37.4	843		2	1983	11 20 07 40							
	3	1983	11 19 00 29	4.98	17.78	12.80	44.9	832		3	1983	11 20 07 40	48.30	50.72	2.42			52.4	
	4	1983	11 19 00 29	5.10			37.4	833		4	1983	11 20 07 40						74	
	5	1983	11 19 00 29	5.26	17.86	12.68	21.5	838		5	1983	11 20 07 40	47.92	49.06	1.94			10.7	54
656	1	1983	11 19 01 07	1.94	27.70	25.76	54.9	1129	674	1	1983	11 20 08 51							
	2	1983	11 19 01 07	1.94	27.88	25.94	56.1	1119		2	1983	11 20 08 51	43.70					168.5	
	3	1983	11 19 01 07	1.78	27.74	25.96	37.4	1122		3	1983	11 20 08 51	43.40					28.9	
	4	1983	11 19 01 07	1.74	28.18	26.36	29.9	1115		4	1983	11 20 08 51						142.3	
	5	1983	11 19 01 07	1.88	28.12	26.24	14.3	1117		5	1983	11 20 08 51	43.60					71.6	
657	1	1983	11 19 01 10	7.88			201.4	1043(	675	1	1983	11 20 09 26						91.5	
	2	1983	11 19 01 10	7.92			205.9	1050		2	1983	11 20 09 26	13.90					112.3	
	3	1983	11 19 01 10	7.64			164.7	1060(		3	1983	11 20 09 26	14.06	22.82	8.76			74.9	
	4	1983	11 19 01 10	7.54			172.2	1061(		4	1983	11 20 09 26							
	5	1983	11 19 01 10	7.46			75.2	1067		5	1983	11 20 09 26	13.68					17.9	
658	1	1983	11 19 06 11	58.00	72.04	14.04	36.6	567	676	1	1983	11 20 13 44	37.40	39.06	1.66			73.2	
	2	1983	11 19 06 11	58.66	71.60	12.94	37.4			2	1983	11 20 13 44	37.22	38.74	1.52			56.1	
	3	1983	11 19 06 11	58.70	72.08	13.38	29.9	554		3	1983	11 20 13 44	37.32	38.92	1.60			59.9	
	4	1983	11 19 06 11							4	1983	11 20 13 44							
	5	1983	11 19 06 11	58.48	72.20	13.72	7.1	545		5	1983	11 20 13 44	37.52	39.28	1.76			32.2	
659	1	1983	11 19 06 16	11.10	25.32	14.22	201.4	1295	677	1	1983	11 20 14 53						91.5	
	2	1983	11 19 06 16							2	1983	11 20 14 53	51.90					74.9	
	3	1983	11 19 06 16	10.98	24.96	13.98	59.9	1395		3	1983	11 20 14 53	51.60					650	
	4	1983	11 19 06 16							4	1983	11 20 14 53							
	5	1983	11 19 06 16	11.00	25.00	14.00	35.8	1394		5	1983	11 20 14 53	51.86	67.82	15.96			43.0	
660	1	1983	11 19 07 26	59.58	90.02	30.44	183.1	1217	678	1	1983	11 20 14 56						36.6	
	2	1983	11 19 07 26	59.54	90.04	30.48	187.2	1185		2	1983	11 20 14 56	37.82					37.4	
	3	1983	11 19 07 26	59.10	89.34	30.24	172.2	1184(		3	1983	11 20 14 56	37.68	55.06	17.46			22.4	
	4	1983	11 19 07 26							4	1983	11 20 14 56						425	
	5	1983	11 19 07 26	59.02	89.16	30.14	82.4	1211(		5	1983	11 20 14 56	37.94	55.58	17.64			18.7	
661	1	1983	11 19 12 23	2.74	20.56	17.82	73.2	691	679	1	1983	11 20 15 28							
	2	1983	11 19 12 23	2.54	21.00	18.46	56.1	689		2	1983	11 20 15 28							
	3	1983	11 19 12 23	2.60	20.48	17.88	44.9	678		3	1983	11 20 15 28	28.84					37.4	
	4	1983	11 19 12 23	3.08	21.70	18.62	59.9	684		4	1983	11 20 15 28							
	5	1983	11 19 12 23	2.50	20.68	18.18	28.6	681		5	1983	11 20 15 28	28.78					14.3	
662	1	1983	11 19 12 35	30.88	35.96	5.08	91.5	1155	680	1	1983	11 20 15 35	42.88	44.04	1.16			91.5	
	2	1983	11 19 12 35	31.12	35.34	4.22	37.4	1156		2	1983	11 20 15 35	42.66	43.64	0.98			74.9	
	3	1983	11 19 12 35	31.22	35.90	4.68	29.9	1135		3	1983	11 20 15 35	42.82	43.90	1.08			172.2	
	4	1983	11 19 12 35							4	1983	11 20 15 35						89	
	5	1983	11 19 12 35	31.16	35.68	4.52	25.0	1123		5	1983</								

Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	
			Mo Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mo Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine	
685	1	1983	11 21 01 47						703	1	1983	11 22 16 19						54.9
	2	1983	11 21 01 47							2	1983	11 22 16 19	56.04					56.1
	3	1983	11 21 01 47 46.42	47.82		1.40	7.4	40		3	1983	11 22 16 19	55.80	64.08		8.28	89.8	200
	4	1983	11 21 01 47 46.94	48.68		1.74	7.4			4	1983	11 22 16 19						17.9
	5	1983	11 21 01 47 46.52				7.1	27		5	1983	11 22 16 19	56.14					229
686	1	1983	11 21 02 07						704	1	1983	11 22 16 29	37.56	38.86		1.30	109.8	57
	2	1983	11 21 02 07							2	1983	11 22 16 29	37.20	38.38		1.10	37.4	61
	3	1983	11 21 02 07 43.10	59.72		16.54	14.9	404		3	1983	11 22 16 29	37.44	38.70		1.26	149.8	79
	4	1983	11 21 02 07 43.44				22.4			4	1983	11 22 16 29						
	5	1983	11 21 02 07 43.62				7.1			5	1983	11 22 16 29	37.48	38.78		1.30	71.6	120
687	1	1983	11 21 04 37 46.46					183.1	705	1	1983	11 22 16 43						
	2	1983	11 21 04 37 46.64					187.2		2	1983	11 22 16 43	27.28					37.4
	3	1983	11 21 04 37 46.50					149.0		3	1983	11 22 16 43	27.08					59.9
	4	1983	11 21 04 37 46.26					149.8		4	1983	11 22 16 43	27.16					104.8
	5	1983	11 21 04 37 46.30					71.6		5	1983	11 22 16 43	27.44	29.52		2.08	28.6	138
688	1	1983	11 21 07 16 29.90	60.30		30.40	146.5	822	706	1	1983	11 22 16 48	43.76	44.86		1.10	201.4	107
	2	1983	11 21 07 16 30.16				74.9			2	1983	11 22 16 48	43.48	44.44		0.96	205.9	88
	3	1983	11 21 07 16 29.82	59.72		29.90	59.9	698		3	1983	11 22 16 48	43.70	44.74		1.04	149.8	124
	4	1983	11 21 07 16							4	1983	11 22 16 48	44.00	45.26		1.26	149.8	414
	5	1983	11 21 07 16 29.96				32.2	970		5	1983	11 22 16 48	43.68	44.70		1.02	71.6	165
689	1	1983	11 21 07 55					36.6	707	1	1983	11 22 17 48	54.82	58.56		3.74	109.8	
	2	1983	11 21 07 55					37.4		2	1983	11 22 17 48	55.04	58.86		3.82	56.1	
	3	1983	11 21 07 55 13.30	22.72		9.42	22.4	410		3	1983	11 22 17 48	54.92	58.68		3.76	52.4	217
	4	1983	11 21 07 55							4	1983	11 22 17 48						
	5	1983	11 21 07 55 13.04	22.10		9.06	10.7	367		5	1983	11 22 17 48	54.50	57.84		3.34	21.5	321
690	1	1983	11 21 13 29 46.56	50.70		4.14	183.1	438	708	1	1983	11 22 22 40						183.1
	2	1983	11 21 13 29 46.46	50.50		4.04	187.2	299		2	1983	11 22 22 40						93.6
	3	1983	11 21 13 29 46.22	50.06		3.84	149.8	491		3	1983	11 22 22 40	52.50					112.3
	4	1983	11 21 13 29 46.72	50.98		4.26	149.8	585		4	1983	11 22 22 40	52.60					142.3
	5	1983	11 21 13 29 46.88	51.24		4.36	71.6	563		5	1983	11 22 22 40	52.80					71.6
691	1	1983	11 21 15 13						709	1	1983	11 22 23 39	2.22	4.60		2.38	91.5	134
	2	1983	11 21 15 13 28.40	31.42		2.94	18.7			2	1983	11 22 23 39	2.42	4.92		2.50	56.1	
	3	1983	11 21 15 13 28.58	31.58		3.00	37.4	128		3	1983	11 22 23 39	2.38	4.86		2.48	74.9	181
	4	1983	11 21 15 13 28.70	31.80		3.10	37.4	108		4	1983	11 22 23 39	2.04	4.28		2.24	149.8	204
	5	1983	11 21 15 13 28.18	30.94		2.76	14.3	91		5	1983	11 22 23 39	2.16	4.46		2.30	71.6	182
692	1	1983	11 21 23 11 46.08	59.01		12.93	109.8		710	1	1983	11 23 04 32	36.42	54.88		18.46	73.2	747
	2	1983	11 21 23 11 45.84				131.0			2	1983	11 23 04 32	35.92	54.46		18.54	93.6	782
	3	1983	11 21 23 11 46.02	58.82		12.80	149.8	414		3	1983	11 23 04 32	36.08	54.42		18.34	59.9	780
	4	1983	11 21 23 11 46.24	59.32		13.06	59.9	463		4	1983	11 23 04 32	36.56	55.32		18.76	52.4	765
	5	1983	11 21 23 11							5	1983	11 23 04 32	36.36	54.92		18.56	17.9	798
693	1	1983	11 21 23 11					36.6	711	1	1983	11 23 05 58	57.10	70.56		13.46	54.9	200
	2	1983	11 21 23 11 24.12	34.78		10.66	37.4			2	1983	11 23 05 58						
	3	1983	11 21 23 11							3	1983	11 23 05 58	57.80	71.50		13.70	29.9	200
	4	1983	11 21 23 11					22.4		4	1983	11 23 05 58						
	5	1983	11 21 23 11							5	1983	11 23 05 58	57.00	70.58		13.58	10.7	200
694	1	1983	11 22 02 22						712	1	1983	11 23 05 59	6.98	33.24		26.26	201.4	1015
	2	1983	11 22 02 22							2	1983	11 23 05 59						
	3	1983	11 22 02 22 57.68				14.9	61		3	1983	11 23 05 59	6.82	32.64		25.82	97.3	1016
	4	1983	11 22 02 22 57.96	61.22		3.26	22.4	68		4	1983	11 23 05 59	6.54	32.34		25.80	82.3	1019
	5	1983	11 22 02 22							5	1983	11 23 05 59	6.90	32.04		25.14	39.4	1015
695	1	1983	11 22 05 01					36.6	713	1	1983	11 23 13 57	42.91					146.5
	2	1983	11 22 05 01					37.4		2	1983	11 23 13 57	42.86					149.8
	3	1983	11 22 05 01 46.22	68.78		22.56	29.9	554		3	1983	11 23 13 57	42.66					149.8
	4	1983	11 22 05 01					22.4		4	1983	11 23 13 57						
	5	1983	11 22 05 01					7.1		5	1983	11 23 13 57	42.56					64.5
696	1	1983	11 22 10 12						714	1	1983	11 23 17 02						
	2	1983	11 22 10 12 19.98							2	1983	11 23 17 02						
	3	1983	11 22 10 12 20.00					1650		3	1983	11 23 17 02						
	4	1983	11 22 10 12							4	1983	11 23 17 02						
	5	1983	11 22 10 12 20.20					2050		5	1983	11 23 17 02	48.96	52.28		3.32	14.3	122
697	1	1983	11 22 11 43						715	1	1983	11 23 17 03	12.64	16.84		4.20	201.4	264
	2	1983	11 22 11 43							2	1983	11 23 17 03	12.92	17.34		4.42	131.0	183
	3	1983	11 22 11 43 9.64					669		3	1983	11 23 17 03	12.74	17.00		4.26	104.8	175
	4	1983	11 22 11 43							4	1983	11 23 17 03						
	5	1983	11 22 11 43 9.32	30.56		21.24		851		5	1983	11 23 17 03	12.34	16.34		4.00	57.3	260
698	1	1983	11 22 12 38						716	1	1983	11 23 18 46	20.40					91.5
	2	1983	11 22 12 38							2	1983	11 23 18 46	20.40					149.8
	3	1983	11 22 12 38 42.60				14.9			3	1983	11 23 18 46						
	4	1983	11 22 12 38 42.18				29.9	414		4	1983	11 23 18 46	20.62	30.74		10.12	97.3	340
	5	1983	11 22 12 38 42.88				7.1	362		5	1983	11 23 18 46	20.20	30.70		10.50	32.2	340
699	1	1983	11 22 13 23					109.8	717	1	1983	11 23						

Ser. No.	St. No.	Year	Arrival Time			P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time			P	S	S-P	F-P	Amp			
			Mn	Da	Hr	Min	Sec	Sec	Sec	Micro-Kine				Mn	Da	Hr	Min	Sec	Sec	Sec	Micro-Kine			
721	1	1983	11	24	00	06	43.02	57.40	14.30	146.5	370	739	1	1983	11	25	04	06	57.70	60.44	2.74	91.5	102	
	2	1983	11	24	00	06	42.76	56.00	14.04	93.6			2	1983	11	25	04	06						
	3	1983	11	24	00	06	42.86	57.04	14.18	157.3	392		3	1983	11	25	04	06	57.76	60.26	2.50	29.9	91	
	4	1983	11	24	00	06	43.20	57.74	14.54	114.8	380		4	1983	11	25	04	06						
	5	1983	11	24	00	06	42.78	56.94	14.16	64.5	431		5	1983	11	25	04	06	50.00				10.7	
722	1	1983	11	24	00	16	11.96	25.00	13.04	120.2		740	1	1983	11	25	06	16					183.1	640
	2	1983	11	24	00	16	12.02	25.22	13.20	56.1			2	1983	11	25	06	16	20.32	34.70	14.46		93.6	
	3	1983	11	24	00	16	12.06	25.42	13.36	89.8	750		3	1983	11	25	06	16	20.48	35.20	14.72		149.0	745
	4	1983	11	24	00	16	11.72			82.3	701		4	1983	11	25	06	16					149.0	
	5	1983	11	24	00	16	11.44	24.06	12.62	32.2	905		5	1983	11	25	06	16	20.64				68.1	692
723	1	1983	11	24	01	27	30.10	31.94	1.84	64.9		741	1	1983	11	25	06	18	22.48				54.9	
	2	1983	11	24	01	27	29.66			37.4			2	1983	11	25	06	18					37.4	
	3	1983	11	24	01	27	29.90	31.62	1.64	74.9	100		3	1983	11	25	06	18	23.00	40.58	17.50		37.4	512
	4	1983	11	24	01	27	30.36	32.26	1.90	37.4	65		4	1983	11	25	06	18						
	5	1983	11	24	01	27	29.96	31.56	1.60	50.1	80		5	1983	11	25	06	18	22.50	39.70	16.20		10.7	465
724	1	1983	11	24	02	20						742	1	1983	11	25	08	58						
	2	1983	11	24	02	20							2	1983	11	25	08	58						
	3	1983	11	24	02	20	18.22			7.4			3	1983	11	25	08	58	10.36	13.36	3.00		14.9	119
	4	1983	11	24	02	20	18.40			14.9			4	1983	11	25	08	58						
	5	1983	11	24	02	20	18.56			3.5	595		5	1983	11	25	08	58	9.92	12.60	2.68		10.7	82
725	1	1983	11	24	02	31	24.34			129.2		743	1	1983	11	25	13	19						
	2	1983	11	24	02	31	24.32	45.02	20.70	74.9			2	1983	11	25	13	19	1.82					
	3	1983	11	24	02	31	24.00	44.00	20.00	52.4			3	1983	11	25	13	19	1.00	3.82	2.82		127.3	118
	4	1983	11	24	02	31	24.32	45.12	20.80	82.3			4	1983	11	25	13	19						
	5	1983	11	24	02	31	24.62			17.9			5	1983	11	25	13	19	1.72					
726	1	1983	11	24	02	32	9.06	27.42	18.36	103.1	1500	744	1	1983	11	25	14	35	28.04	34.48	6.44			
	2	1983	11	24	02	32	9.06			187.2	1240		2	1983	11	25	14	35						
	3	1983	11	24	02	32	8.70			149.8	1930		3	1983	11	25	14	35	28.34	34.74	6.40		44.9	296
	4	1983	11	24	02	32	8.96			149.8	1400		4	1983	11	25	14	35	27.76	34.24	6.48		67.4	351
	5	1983	11	24	02	32	9.30			71.6	1800		5	1983	11	25	14	35	27.86	34.34	6.48		21.5	
727	1	1983	11	24	02	42				73.2		745	1	1983	11	25	14	36						
	2	1983	11	24	02	42				52.4	1370		2	1983	11	25	14	36						
	3	1983	11	24	02	42	50.80			44.9			3	1983	11	25	14	36	13.86	106.16	92.30		89.8	
	4	1983	11	24	02	42				21.5	1150		4	1983	11	25	14	36	13.80				149.8	2490
	5	1983	11	24	02	42	50.90						5	1983	11	25	14	36	14.20	106.70	92.50		53.7	
728	1	1983	11	24	03	29	16.38	18.46	2.08	91.5	88	746	1	1983	11	25	15	19	30.58	48.16	17.58		183.1	
	2	1983	11	24	03	29	16.26	18.30	2.04	131.0	87		2	1983	11	25	15	19	30.16				187.2	790
	3	1983	11	24	03	29	16.40	18.62	2.22	44.9	107		3	1983	11	25	15	19	30.48				149.8	
	4	1983	11	24	03	29	16.46	18.70	2.24	97.3	117		4	1983	11	25	15	19						
	5	1983	11	24	03	29	16.10	18.06	1.96	39.4	94		5	1983	11	25	15	19	30.60	48.24	17.64		71.6	1190
729	1	1983	11	24	04	43						747	1	1983	11	25	16	24	58.22	74.82	16.60		54.9	
	2	1983	11	24	04	43							2	1983	11	25	16	24	58.12				37.4	
	3	1983	11	24	04	43				14.9			3	1983	11	25	16	24	57.96				22.4	465
	4	1983	11	24	04	43	30.84	44.64	13.80	22.4			4	1983	11	25	16	24						
	5	1983	11	24	04	43	30.96			3.5			5	1983	11	25	16	24	58.26	74.96	16.70		17.9	532
730	1	1983	11	24	07	43				146.5		748	1	1983	11	25	16	29	45.34	61.00	15.66		54.9	
	2	1983	11	24	07	43	42.56			74.9	421		2	1983	11	25	16	29						
	3	1983	11	24	07	43	42.26	57.86	15.60	82.3	675		3	1983	11	25	16	29	44.96				22.4	496
	4	1983	11	24	07	43							4	1983	11	25	16	29						
	5	1983	11	24	07	43	42.28	57.88	15.60	28.6	510		5	1983	11	25	16	29	45.20				17.9	442
731	1	1983	11	24	13	36	41.60			183.1	2715	749	1	1983	11	25	16	32	55.12				91.5	630
	2	1983	11	24	13	36	41.60			187.2	3920		2	1983	11	25	16	32	55.16	71.38	16.22		56.1	
	3	1983	11	24	13	36	41.80			149.8	4260		3	1983	11	25	16	32	54.80				29.9	520
	4	1983	11	24	13	36							4	1983	11	25	16	32						
	5	1983	11	24	13	36	41.50			71.6	3960		5	1983	11	25	16	32	55.24	71.58	16.34		17.9	620
732	1	1983	11	24	15	24	13.22	20.90	7.68	183.1		750	1	1983	11	25	17	33						
	2	1983	11	24	15	24	13.14	20.62	7.48	74.9			2	1983	11	25	17	33	51.06				18.7	
	3	1983	11	24	15	24	13.18			149.8	430		3	1983	11	25	17	33	51.24	62.84	11.60		22.4	257
	4	1983	11	24	15	24							4	1983	11	25	17	33						
	5	1983	11	24	15	24	13.08	20.68	7.52	71.6	380		5	1983	11	25	17							

Ser. No.	St. No.	Year	Arrival Time			P	S	S-P	F-P	Amp		Ser. No.	St. No.	Year	Arrival Time			P	S	S-P	F-P	Amp		
			Mn	Da	Hr	Min	Sec	Sec	Sec	Micro-Kine				Mn	Da	Hr	Min	Sec	Sec	Sec	Micro-Kine			
757	1	1983	11	26	06	42					775	1	1983	11	27	14	42							
	2	1983	11	26	06	42						2	1983	11	27	14	42							
	3	1983	11	26	06	42	46.38	50.53	4.15	22.4	104	3	1983	11	27	14	42	51.10	76.60	25.50	37.4	1080		
	4	1983	11	26	06	42						4	1983	11	27	14	42	50.70	75.40	24.70	14.3	1160		
	5	1983	11	26	06	42	46.17	50.14	3.97	3.5	126	5	1983	11	27	14	42	50.70	75.40	24.70	14.3	1160		
758	1	1983	11	26	07	07	12.46	15.18	2.72	36.6		776	1	1983	11	27	20	53	43.42				73.2	790
	2	1983	11	26	07	07	12.38	14.94	2.56	37.4			2	1983	11	27	20	53						
	3	1983	11	26	07	07	12.52	15.22	2.70	22.4	73		3	1983	11	27	20	53						
	4	1983	11	26	07	07							4	1983	11	27	20	53	43.75	69.35	25.60	67.4	892	
	5	1983	11	26	07	07	12.12	14.58	2.46	14.3	85		5	1983	11	27	20	53	43.83	69.83	26.00	21.5	940	
759	1	1983	11	26	12	30				54.9		777	1	1983	11	28	00	35					54.9	
	2	1983	11	26	12	30	20.33			56.1			2	1983	11	28	00	35						
	3	1983	11	26	12	30	20.38	28.33	7.95	44.9	500		3	1983	11	28	00	35						
	4	1983	11	26	12	30	20.20			44.9	402		4	1983	11	28	00	35	51.60				52.4	416
	5	1983	11	26	12	30	20.13			10.7	449		5	1983	11	28	00	35	51.50	62.90	11.40	14.3	635	
760	1	1983	11	26	13	31	12.37	28.74	16.37	73.2		778	1	1983	11	28	03	19						
	2	1983	11	26	13	31				37.4			2	1983	11	28	03	19	49.55	52.17	2.62	74.9	65	
	3	1983	11	26	13	31	12.53	29.25	16.72	37.4	777		3	1983	11	28	03	19						
	4	1983	11	26	13	31	12.25			82.3	688		4	1983	11	28	03	19	49.77	52.55	2.78	59.9	127	
	5	1983	11	26	13	31	12.20	28.56	16.28	25.0	857		5	1983	11	28	03	19	49.53	52.19	2.66	10.7	78	
761	1	1983	11	26	15	27				183.1		779	1	1983	11	28	04	30					56.1	
	2	1983	11	26	15	27				131.0			2	1983	11	28	04	30	16.50					
	3	1983	11	26	15	27	51.54	88.64	37.10	97.3	1470		3	1983	11	28	04	30						
	4	1983	11	26	15	27				104.8			4	1983	11	28	04	30	16.38				29.9	1500
	5	1983	11	26	15	27	51.88	89.40	37.60	71.6	1600		5	1983	11	28	04	30	16.20				28.6	1750
762	1	1983	11	26	15	32	6.30	22.64	16.26	183.1	1254	780	1	1983	11	28	04	35	57.56				36.6	
	2	1983	11	26	15	32	6.58			187.2			2	1983	11	28	04	35						
	3	1983	11	26	15	32	6.42	22.04	16.42	149.8	1700		3	1983	11	28	04	35						
	4	1983	11	26	15	32	6.30	22.42	16.12	149.8	1595		4	1983	11	28	04	35	58.04				14.9	
	5	1983	11	26	15	32	6.38	22.62	16.24	71.6	1649		5	1983	11	28	04	35	57.62	73.62	16.00	7.1	424	
763	1	1983	11	26	15	50	49.74	51.59	1.85	91.5	91	781	1	1983	11	28	05	00	51.70	52.86	1.16	36.6		
	2	1983	11	26	15	50	49.60	51.34	1.74	56.1			2	1983	11	28	05	00	51.22	52.12	0.90	37.4		
	3	1983	11	26	15	50	49.82	51.76	1.94	89.8	83		3	1983	11	28	05	00						
	4	1983	11	26	15	50				44.9			4	1983	11	28	05	00	52.06	53.50	1.44	22.4	52	
	5	1983	11	26	15	50	49.92	51.96	2.04	82.4	130		5	1983	11	28	05	00	51.56	52.60	1.04	39.4	61	
764	1	1983	11	26	16	54	38.16			54.9		782	1	1983	11	28	05	23	34.90	52.00	17.10	54.9		
	2	1983	11	26	16	54							2	1983	11	28	05	23						
	3	1983	11	26	16	54	38.04			22.4	396		3	1983	11	28	05	23						
	4	1983	11	26	16	54	38.26	48.84	10.58	29.9			4	1983	11	28	05	23					29.9	
	5	1983	11	26	16	54	37.76			10.7	379		5	1983	11	28	05	23	35.18				7.1	485
765	1	1983	11	27	01	19	42.12	49.62	7.50	128.2	234	783	1	1983	11	28	09	22	55.38	60.42	5.04	36.6		
	2	1983	11	27	01	19	42.58			56.1			2	1983	11	28	09	22						
	3	1983	11	27	01	19	42.16	49.58	7.42	97.3	292		3	1983	11	28	09	22	55.55	60.69	5.14	44.9		
	4	1983	11	27	01	19	41.88	48.88	7.88	82.3	315		4	1983	11	28	09	22	55.32	60.30	4.98	44.9		
	5	1983	11	27	01	19	42.28	49.94	7.66	32.2	261		5	1983	11	28	09	22	55.33				7.1	136
766	1	1983	11	27	01	51						784	1	1983	11	28	09	55					56.1	
	2	1983	11	27	01	51							2	1983	11	28	09	55	33.20				59.9	2880
	3	1983	11	27	01	51	29.40			22.4	402		3	1983	11	28	09	55	33.54				52.4	2580
	4	1983	11	27	01	51	29.44			14.9			4	1983	11	28	09	55	33.42				32.2	3430
	5	1983	11	27	01	51	29.02			7.1	589		5	1983	11	28	09	55	33.68					
767	1	1983	11	27	04	13	30.50	51.10	28.60	54.9		785	1	1983	11	28	15	37					37.4	
	2	1983	11	27	04	13	30.68			37.4			2	1983	11	28	15	37	1.92	3.26	1.34	37.4		
	3	1983	11	27	04	13	30.34	50.74	20.40	14.9			3	1983	11	28	15	37	2.26	3.88	1.62	44.9	66	
	4	1983	11	27	04	13	30.82			29.9			4	1983	11	28	15	37						
	5	1983	11	27	04	13	30.44			7.1	558		5	1983	11	28	15	37	2.30	3.90	1.60	43.0	58	
768	1	1983	11	27	04	38				183.1		786	1	1983	11	28	15	41	32.18	52.58	20.40	183.1	1010	
	2	1983	11	27	04	38	8.10			131.0			2	1983	11	28	15	41	32.68	53.68	21.00	187.2	1060	
	3	1983	11	27	04	38				142.3			3	1983	11	28	15	41	32.64				149.8	1460
	4	1983	11	27	04	38				97.3			4	1983	11	28	15	41					149.8	
	5	1983	11	27	04	38	7.80			71.6	3560		5	1983	11	28	15	41	32.22	52.82	20.60	71.6	1580	
769	1	1983	11	27	07	19						787	1											

Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	Ser. No.	St. No.	Year	Arrival Time	P	S	S-P	F-P	Amp	
			Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine				Mn Da Hr Min Sec	Sec	Sec	Sec	Sec	Micro-Kine	
793	1	1983	11 28 20 57						811	1	1983	11 30 03 06						
	2	1983	11 28 20 57	0.22	11.80					2	1983	11 30 03 06						
	3	1983	11 28 20 57	0.42	11.46	10.86	56.1	545		3	1983	11 30 03 06					7.4	
	4	1983	11 28 20 57				37.4			4	1983	11 30 03 06	34.76				14.9	
	5	1983	11 28 20 57	0.60			14.3	505		5	1983	11 30 03 06	34.46	61.36	26.98		3.5	808
794	1	1983	11 29 00 57						812	1	1983	11 30 03 26	49.80	52.90	3.10		54.9	
	2	1983	11 29 00 57	52.40			37.4			2	1983	11 30 03 26	49.78	52.68	2.98		37.4	
	3	1983	11 29 00 57	52.70	77.20	24.50	37.4	983		3	1983	11 30 03 26	49.64	52.94	3.10		22.4	
	4	1983	11 29 00 57	52.40			44.9	629		4	1983	11 30 03 26	49.98	53.18	3.20		29.9	142
	5	1983	11 29 00 57	52.68			14.3	926		5	1983	11 30 03 26	49.56	52.50	2.94		21.5	99
795	1	1983	11 29 01 41						813	1	1983	11 30 03 34	0.92	13.02	12.90		54.9	678
	2	1983	11 29 01 41							2	1983	11 30 03 34	0.82				74.9	
	3	1983	11 29 01 41	36.04	41.88	5.84	29.9			3	1983	11 30 03 34	1.00				52.4	623
	4	1983	11 29 01 41	36.22	41.56	5.34	22.4			4	1983	11 30 03 34	0.94	13.80	12.86		67.4	575
	5	1983	11 29 01 41	35.88			3.5			5	1983	11 30 03 34	0.44				10.7	779
796	1	1983	11 29 01 46						814	1	1983	11 30 03 56	42.38				73.2	
	2	1983	11 29 01 46							2	1983	11 30 03 56						
	3	1983	11 29 01 46	22.26	42.06	19.00	22.4	730		3	1983	11 30 03 56	42.40				44.9	
	4	1983	11 29 01 46							4	1983	11 30 03 56	42.90				44.9	
	5	1983	11 29 01 46	22.70			10.7	878		5	1983	11 30 03 56	42.30				25.0	5580
797	1	1983	11 29 03 24				36.6		815	1	1983	11 30 05 04	51.90					4370
	2	1983	11 29 03 24							2	1983	11 30 05 04						
	3	1983	11 29 03 24	36.30	39.10	2.88	44.9	101		3	1983	11 30 05 04	51.60					5600
	4	1983	11 29 03 24	36.02	38.72	2.70	44.9	137		4	1983	11 30 05 04	51.50					
	5	1983	11 29 03 24	35.80	38.34	2.54	10.7	110		5	1983	11 30 05 04	51.20					
798	1	1983	11 29 04 30						816	1	1983	11 30 05 56	27.60	30.22	2.62		183.1	1910
	2	1983	11 29 04 30	29.90			37.4			2	1983	11 30 05 56	27.68	30.34	2.66		187.2	
	3	1983	11 29 04 30	30.06			29.9	240		3	1983	11 30 05 56	27.76	30.52	2.76		89.8	238
	4	1983	11 29 04 30	30.64			14.9	288		4	1983	11 30 05 56	27.54	30.14	2.60		149.8	2830
	5	1983	11 29 04 30	30.42	39.02	8.60	7.1	230		5	1983	11 30 05 56	27.32	29.76	2.44		68.1	295
799	1	1983	11 29 06 33	9.30					817	1	1983	11 30 06 25						
	2	1983	11 29 06 33							2	1983	11 30 06 25						
	3	1983	11 29 06 33				14.9			3	1983	11 30 06 25						
	4	1983	11 29 06 33	9.40			14.9			4	1983	11 30 06 25						
	5	1983	11 29 06 33	9.50			7.1			5	1983	11 30 06 25						
800	1	1983	11 29 10 35						818	1	1983	11 30 07 51					91.5	
	2	1983	11 29 10 35							2	1983	11 30 07 51					74.9	
	3	1983	11 29 10 35	45.46	62.76	17.30	14.9	443		3	1983	11 30 07 51	29.40				89.8	
	4	1983	11 29 10 35							4	1983	11 30 07 51	29.60				29.9	2200
	5	1983	11 29 10 35	45.38			7.1			5	1983	11 30 07 51	29.40				39.4	2510
801	1	1983	11 29 12 04						819	1	1983	11 30 08 15					36.6	
	2	1983	11 29 12 04							2	1983	11 30 08 15					18.7	
	3	1983	11 29 12 04	37.50			22.4	512		3	1983	11 30 08 15					22.4	
	4	1983	11 29 12 04	37.34			29.9			4	1983	11 30 08 15					14.9	
	5	1983	11 29 12 04	37.08	54.28	17.20	10.7	462		5	1983	11 30 08 15					14.3	
802	1	1983	11 29 12 48						820	1	1983	11 30 11 03					109.8	
	2	1983	11 29 12 48							2	1983	11 30 11 03					93.6	
	3	1983	11 29 12 48	11.78			59.9			3	1983	11 30 11 03	7.50				82.3	3050
	4	1983	11 29 12 48							4	1983	11 30 11 03	7.68				82.3	2620
	5	1983	11 29 12 48	11.16	21.84	10.68	14.3	410		5	1983	11 30 11 03	7.40				68.1	2878
803	1	1983	11 29 14 45	19.72	22.68	2.96	183.1	4290	821	1	1983	11 30 13 02	16.00					
	2	1983	11 29 14 45	19.74	22.68	2.94	187.2	3290		2	1983	11 30 13 02	15.78				93.6	
	3	1983	11 29 14 45	19.92	22.96	3.04	149.8	5270		3	1983	11 30 13 02	16.02				37.4	
	4	1983	11 29 14 45	19.78	22.74	2.96	149.8			4	1983	11 30 13 02					14.9	
	5	1983	11 29 14 45	19.46	22.18	2.72	71.6	4810		5	1983	11 30 13 02	16.88				14.3	239
804	1	1983	11 29 16 04				183.1		822	1	1983	11 30 14 43	56.00				146.5	
	2	1983	11 29 16 04				93.6			2	1983	11 30 14 43	55.74				56.1	
	3	1983	11 29 16 04				149.8			3	1983	11 30 14 43	56.04				89.8	535
	4	1983	11 29 16 04				149.8			4	1983	11 30 14 43	56.24	65.28	9.04		82.3	381
	5	1983	11 29 16 04				71.6			5	1983	11 30 14 43	55.74	63.82	8.08		21.5	476
805	1	1983	11 29 16 04				183.1		823	1	1983	11 30 15 47					54.9	
	2	1983	11 29 16 04	0.56			93.6			2	1983	11 30 15 47					37.4	
	3	1983	11 29 16 04	0.32	3.06	2.74	149.8			3	1983	11 30 15 47	38.24				22.4	1845
	4	1983	11 29 16 04	0.78			149.8			4	1983	11 30 15 47	73.86				14.9	
	5	1983	11 29 16 04	0.54	3.50	2.96	71.6			5	1983	11 30 15 47					17.9	
806	1	1983	11 29 21 54						824	1	1983	11 30 16 59						
	2	1983	11 29 21 54							2	1983	11 30 16 59						
	3	1983	11 29 21 54	46.26			29.9	530		3	1983	11 30 16 59						
	4	1983	11 29 21 54	45.96			44.9			4	1983	11 30 16 59	9.48				14.9	1860
	5	1983	11 29 21 54	45.74	68.86	23.12	10.7	680		5	1983	11 30 16 59	9.52				10.7	1635
807	1	1983	11 29 23 18						825	1	1983	11 30 17 06					54.9	
	2	1983	11 29 23 18	13.80			37.4			2	1983	11 30 17 06					18.7	
	3	1983	11 29 23 18	13.72	27.62	13.98	29.9	481		3	1983	11 30 17 06					14.9	
	4	1983	11 29 23 18															











Ser. No.	St. No.	Year	Arrival Time			P	S	S-P	F-P	Amp
			Mn	Da	Hr	Min	Sec	Sec	Sec	Micro-Kilov
973	1	1983	12	8	00	28				
	2	1983	12	8	00	28				
	3	1983	12	8	00	28				
	4	1983	12	8	00	28	42.45		29.9	
	5	1983	12	8	00	28	42.05	43.56	1.51	7.1
										61