

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr86i001.fits	C/1986 P1 (Wilson)	21:20:05.22	+19:17:39.9	R	09/06/86	+08:14:06	xDate/Time	Date and time have been corrected in this log, header will need to be changed
fr86i002.fits	C/1986 P1 (Wilson)	21:20:04.32	+19:17:32.3	R	09/06/86	+08:19:48	xDate/Time	
fr86i003.fits	C/1986 P1 (Wilson)	21:20:03.43	+19:17:24.7	R	09/06/86	+08:30	xDate/Time	
fr86i004.fits	C/1986 P1 (Wilson)	21:20:03.43	+19:17:24.7	R	09/06/86	+08:30	xDate/Time	
fr86i005.fits	"FIELD 1"	01:30:40.89	+10:04:21.9	R	09/06/86		xDate/Time	Time not given, Unknown object RA/DEC from astrometry, near Pieces
fr86i006.fits	"FIELD 2"	01:30:11.25	+10:04:26.1	R	09/06/86		xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i007.fits	"FIELD 3"	01:29:41.43	+10:04:29.1	R	09/06/86		xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i008.fits	"FIELD 1"	01:30:40.89	+10:04:21.9	R	09/06/86		xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i009.fits	"FIELD 2"	01:30:11.25	+10:04:26.1	R	09/06/86		xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i010.fits	"FIELD 3"	01:29:41.43	+10:04:29.1	R	09/06/86		xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i011.fits	DARK				09/06/86		xDate/Time	
fr86i012.fits	DARK				09/06/86		xDate/Time	
fr86i013.fits	"SA 44-113"	00:29:38.00	+30:23:18.0	R	09/06/86		xDate/Time	SA 44 113
fr86i014.fits	"SA 44-113"	00:29:38.00	+30:23:18.0	R	09/06/86		xDate/Time	
fr86i015.fits	"BS 7637"	19:59:47.34	-09:57:29.7	9180	09/07/86		xDate/Time	
fr86i016.fits	"BS 7637"	19:59:47.34	-09:57:29.7	9180	09/07/86		xDate/Time	
fr86i017.fits	"BS 7637"	19:59:47.34	-09:57:29.7	8600	09/07/86		xDate/Time	
fr86i018.fits	"BS 7637"	19:59:47.34	-09:57:29.7	8600	09/07/86	05:08	xDate/Time	
fr86i019.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6250	09/07/86		xDate/Time	
fr86i020.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6250	09/07/86	05:09	xDate/Time	
fr86i021.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6185	09/07/86	05:14	xDate/Time	
fr86i022.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6185	09/07/86		xDate/Time	
fr86i023.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6300	09/07/86	05:21	xDate/Time	
fr86i024.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6300	09/07/86		xDate/Time	
fr86i025.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6300TLT	09/07/86		xDate/Time	
fr86i026.fits	"BS 7637"	19:59:47.34	-09:57:29.7	6300TLT	09/07/86	05:27	xDate/Time	
fr86i027.fits	"BS 7637"	19:59:47.34	-09:57:29.7	5980	09/07/86	05:35:25	xDate/Time	
fr86i028.fits	"BS 7637"	19:59:47.34	-09:57:29.7	5980	09/07/86	05:40	xDate/Time	
fr86i029.fits	"BS 7637"	19:59:47.34	-09:57:29.7	5139	09/07/86	05:42:04	xDate/Time	
fr86i030.fits	"BS 7637"	19:59:47.34	-09:57:29.7	5139	09/07/86	05:45	xDate/Time	
fr86i031.fits	"BS 7637"	19:59:47.34	-09:57:29.7	4565	09/07/86	05:50	xDate/Time	
fr86i032.fits	"BS 7637"	19:59:47.34	-09:57:29.7	4565	09/07/86	05:51:42	xDate/Time	
fr86i033.fits	"BS 7637"	19:59:47.34	-09:57:29.7	4060	09/07/86	05:53:50	xDate/Time	
fr86i034.fits	"BS 7637"	19:59:47.34	-09:57:29.7	4060	09/07/86	05:57:10	xDate/Time	
fr86i035.fits	DARK				09/07/86		xDate/Time	
fr86i036.fits	DARK				09/07/86		xDate/Time	
fr86i037.fits	"BS 8931"	23:31:31.50	-04:05:14.6	9180	09/07/86	06:24:54	xDate/Time	
fr86i038.fits	"BS 8931"	23:31:31.50	-04:05:14.6	9180	09/07/86	06:26:10	xDate/Time	
fr86i039.fits	"BS 8931"	23:31:31.50	-04:05:14.6	8600	09/07/86	06:27:49	xDate/Time	
fr86i040.fits	"BS 8931"	23:31:31.50	-04:05:14.6	8600	09/07/86	06:28:59	xDate/Time	
fr86i041.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6250	09/07/86	06:30:33	xDate/Time	
fr86i042.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6250	09/07/86		xDate/Time	
fr86i043.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6185	09/07/86	06:34:06	xDate/Time	
fr86i044.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6185	09/07/86	06:35:14	xDate/Time	

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fr86i045.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6300	09/07/86	06:39:09	xDate/Time	
fr86i046.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6300	09/07/86		xDate/Time	
fr86i047.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6300TLT	09/07/86	06:43:19	xDate/Time	
fr86i048.fits	"BS 8931"	23:31:31.50	-04:05:14.6	6300TLT	09/07/86	06:44:31	xDate/Time	
fr86i049.fits	"FIELD 4"	23:00:38.50	+10:04:58.0	R	09/07/86	06:54:07	xDate/Time	Unknown object RA/DEC from astrometry
fr86i050.fits	FIELD 5	23:01:08.67	+10:05:00.7	R	09/07/86	07:22:24	xDate/Time, xName	Unknown object RA/DEC from astrometry
fr86i051.fits	"FIELD 6"	23:01:38.49	+10:05:01.5	R	09/07/86	07:45:52	xDate/Time	Unknown object RA/DEC from astrometry
fr86i052.fits	FIELD 7	23:02:08.36	+10:05:00.7	R	09/07/86	08:28:06	xDate/Time, xName	Unknown object RA/DEC from astrometry
fr86i053.fits	FIELD 4	23:00:38.50	+10:04:58.0	R	09/07/86	09:00:59	xDate/Time, xName	Unknown object RA/DEC from astrometry
fr86i054.fits	"FIELD 5"	23:01:08.67	+10:05:00.7	R	09/07/86	09:27:30	xDate/Time	Unknown object RA/DEC from astrometry
fr86i055.fits	"FIELD 6"	23:01:38.49	+10:05:01.5	R	09/07/86	09:52:04	xDate/Time	Unknown object RA/DEC from astrometry
fr86i056.fits	"FIELD 7"	23:02:08.36	+10:05:00.7	R	09/07/86	10:10:17	xDate/Time	Unknown object RA/DEC from astrometry
fr86i057.fits	"FIELD 1"	01:30:40.89	+10:04:21.9	R	09/07/86	10:47:22	xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i058.fits	"FIELD 2"	01:30:11.25	+10:04:26.1	R	09/07/86	11:15:00	xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i059.fits	"FIELD 3"	01:29:41.43	+10:04:29.1	R	09/07/86	11:37:45	xDate/Time	Unknown object RA/DEC from astrometry, near Pieces
fr86i060.fits	"FLAT FIELD"			R	09/07/86		xDate/Time	
fr86i061.fits	"FLAT FIELD"			R	09/07/86		xDate/Time	
fr86i062.fits	"FLAT FIELD"			R	09/07/86		xDate/Time	
fr86i063.fits	"DARK FRAME"				09/07/86		xDate/Time	
fr86i064.fits	"DARK FRAME"				09/07/86		xDate/Time	
fr86i065.fits	"FIELD 8"	22:33:33.68	+40:26:29.3	R	09/08/86	+06:05:03		Unknown object RA/DEC from astrometry
fr86i066.fits	"FIELD 9"	22:34:03.74	+40:26:29.5	R	09/08/86	+06:28:21		Unknown object RA/DEC from astrometry
fr86i067.fits	"FIELD 10"	22:33:03.34	+40:26:22.1	R	09/08/86	+06:53:17		Unknown object RA/DEC from astrometry
fr86i068.fits	"FIELD 11"	22:33:33.45	+40:27:01.9	R	09/08/86	+07:17:38		Unknown object RA/DEC from astrometry
fr86i069.fits	"FIELD 12"	22:34:03.63	+40:27:05.0	R	09/08/86	+07:41:53		Unknown object RA/DEC from astrometry
fr86i070.fits	FF			R	09/08/86	+08:43:12	xName	
fr86i071.fits	FF			R	09/08/86	+09:11:46		Dome FF
fr86i072.fits	FF			R	09/08/86	+09:13:13		Dome FF
fr86i073.fits	FF			R	09/08/86	+09:14:11		Dome FF
fr86i074.fits	Dark			R	09/08/86	+09:22:11	xName	
fr86i075-264								No log written
fr86i265.fits	DARK				06/20/86	+21:38:40		
fr86i266.fits	DARK				06/20/86	+21:39:32		
fr86i267.fits	"FLAT FIELD"			R	06/20/86	+21:42:45		
fr86i268.fits	"FLAT FIELD"			R	06/20/86	+21:44:31		
fr86i269.fits	"FLAT FIELD"			V	06/20/86	+21:47:02		
fr86i270.fits	"FLAT FIELD"			V	06/20/86	+21:48:09		
fr86i271.fits	"FLAT FIELD"			B	06/20/86	+21:51:15		
fr86i272.fits	"FLAT FIELD"			B	06/20/86	+21:52:39		

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fr86i273.fits	"FLAT FIELD"			I	06/20/86	+21:55:30		
fr86i274.fits	"FLAT FIELD"			I	06/20/86	+21:56:36		
fr86i275.fits	"FLAT FIELD"			6185	06/20/86	+22:01:12		
fr86i276.fits	"FLAT FIELD"			6185	06/20/86	+22:02:59		
fr86i277.fits	"FLAT FIELD"			6250	06/20/86	+22:04:54		
fr86i278.fits	"FLAT FIELD"			6250	06/20/86	+22:06:20		
fr86i279.fits	1P/Halley	10:31:17.96	-05:22:26.7	R	06/21/86	+03:51:11		
fr86i280.fits	1P/Halley	10:31:18.28	-05:22:25.3	R	06/21/86	+03:58:57		
fr86i281.fits	1P/Halley	10:31:18.28	-05:22:25.3	R	06/21/86	+04:05:03		
fr86i282.fits	1P/Halley	10:31:18.28	-05:22:25.3	V	06/21/86	+04:07:43		
fr86i283.fits	1P/Halley	10:31:18.28	-05:22:25.3	V	06/21/86	+04:09:47		
fr86i284.fits	DARK				06/21/86	+04:22:40		
fr86i285.fits	DARK				06/21/86	+04:23:31		

Above output obtained by running: `hselect fr*.fits $l,exptime,object,ra,dec,filter,date,ut-strt yes > 86i_hselect`
The **Log Differences** and **Comments** columns are the observations noted after comparing the FITS header with log sheets.