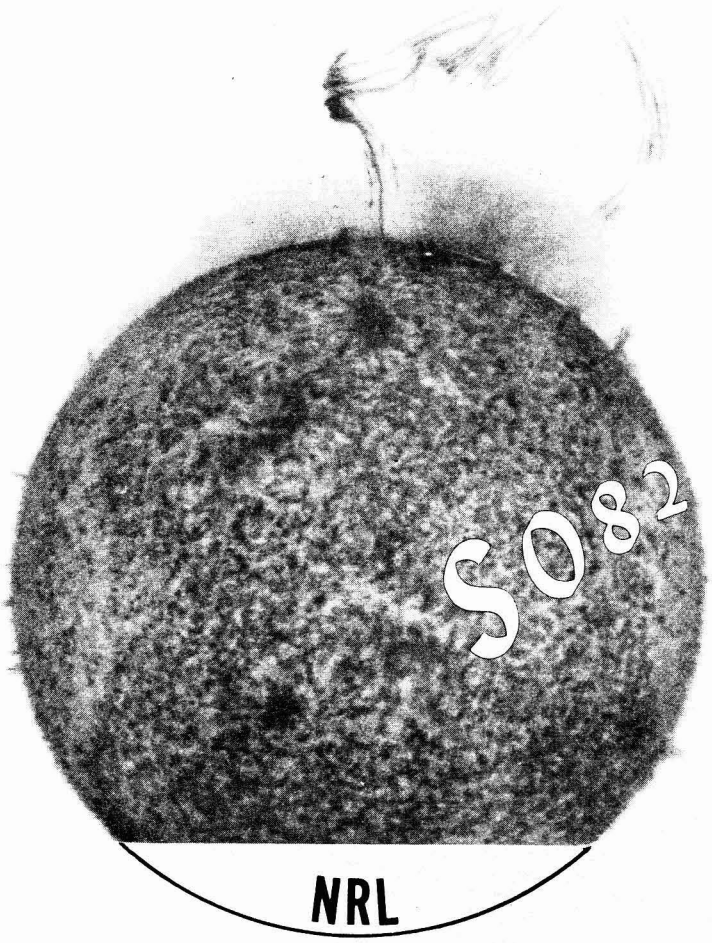
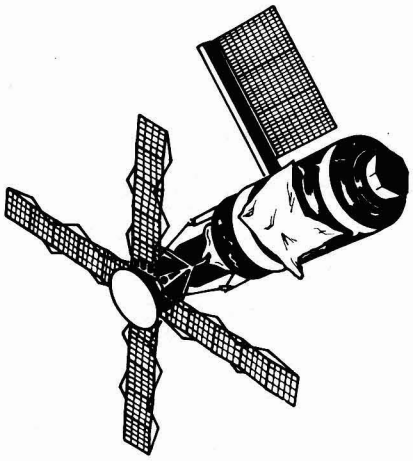
Bruechner

NRL/ATM EXPOSURE CATALOG FOR S082A and S082B INSTRUMENTS





VOLUME I

TIME LISTING

PREPARED FOR

UNITED STATES NAVAL RESEARCH LABORATORY

WASHINGTON, D.C.

BALL BROTHERS RESEARCH CORPORATION

SUBSIDIARY OF BALL CORPORATION

BOULDER, COLORADO

A HUGE ERUPTION FROM THE SURFACE OF THE SUN SEEN IN THE LIGHT OF HE II AT 304Å
9 AUGUST 1973

This photograph, obtained during the Skylab 3 Mission, reveals for the first time that helium erupting from the sun can stay together to altitudes up to 500,000 miles. After being ejected from the sun, the gas clouds seem to have come to a standstill, as though blocked by an unseen wall, and some material appears to have been directed back toward the sun as rain, distinguished by fine threads. At present it is a challenge to explain this mystery — what forces expelled these huge clouds, then blocked its further progress, yet allowed the cloud to maintain its threads. Both magnetic fields and gravity must play a part, but these curious forms seem to defy explanation based on magnetic and gravitational fields alone.

The instrument which produced this image was an extreme ultraviolet spectroheliograph, designed and constructed by the Naval Research Laboratory and the Ball Brothers Research Corporation under the direction of Dr. R. Tousey, the Principal Investigator for this NASA experiment. To the left may be seen the sun's image in emission from iron atoms which have lost 14 electrons by collision in the suns' million-degree coronal plasma gas.

BALL BROTHERS RESEARCH CORPORATION

BOULDER, COLORADO

NRL/ATM
EXPOSURE CATALOG
FOR
S082A AND S082B INSTRUMENTS

620-249 15 July 1974
Rev A 22 August 1975

Contract No. N00014-67-C-0470
Exhibit C-1 Phase III CDRL
Sequence No. 15

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FOREWORD

This document was prepared as a portion of the Johnson Space Center support documentation. It was prepared by Ball Brothers Research Corporation, Boulder, Colorado, under Contract No. N00014-67-C-0470 with the Naval Research Laboratory, Washington, DC. The authority for this document is BBRC Proposal C-474 which was added by Contract Modification P00055.

Acknowledgements

The following people assisted in the preparation of the report:

Ferguson, D. W.
Schneible, D. E.

1.0 INTRODUCTION

The purpose of this document is to aid those scientists interested in the study of S082A and S082B data from the three Skylab missions. Data contained in this document may also be found in the ten Mission Engineering Data (MED) Books. Each of the MED Books is dedicated to one of the ten S082 film cameras used during the Skylab missions. This document considers all the S082 photographic data together but rearranged into three categories. Volume I is a chronological listing of all S082 Skylab data. Volume II sorts the S082 data into specific Joint Observing Programs (JOP's) in numerical order. Volume III sorts the data by the solar feature or target which is the subject of interest. Together the three volumes comprise a catalog of the S082 data.

Like most catalogs, this one is primarily intended to locate the data being sought. Details about the specific data may then be found in the MED Books (BBRC Document Nos. 620-239 through 620-248) or the Thermal Distortion Performance Document (BBRC Document No. 620-238) by cross-referencing the film strip number or shutter open time. Additional detail may be available from the real-time mission logbooks by utilizing the time cross-reference.

VOLUME I

TIME LISTING

NRL/ATM
EXPOSURE CATALOG
FOR
S082A AND S082B INSTRUMENTS

620-249 15 July 1974

Contract No. N00014-67-C-0470
Contract Modification P00055

1.0 INTRODUCTION

This volume is intended to serve as a general catalog for S082 Skylab data. Information is arranged in chronological order using the approximate spacecraft time of shutter open as a reference. It should be noted that the time referred to here may differ from GMT by as much as one minute. The only reliable source of GMT is the EDB-MSFC as both the diode array and telemetry systems utilize the spacecraft timers.

The first column contains the time of shutter open, the second the number of the film strip which contains a mission identifier (1, 2 or 3), an instrument identifier (A or B), and the frame number for the particular camera used during that mission by that instrument. The next column is the day/night cycle number, followed by the JOP-step, building block, and target numbers respectively. The EXP and WVL columns are exposure duration and wavelength data which are also used in the Volume II JOP catalog and Volume III Target catalog. The last column contains comments taken from the original mission logbooks as recorded by the NRL Science Console representatives during the real time mission operations.

2.0 MED BOOK GLOSSARY

X represents a number assigned by the Planning Committee or by NOAA.

AR	Active Region
BSP	Bright Spot
BSX	Bright Spot and Number
CAL	Calibration, Target Unspecified
CHX	Coronal Hole and Number
D	Double Exposure

EFR	Emerging Flux Region
ELB	East Limb
FSS	Fine Sun Sensor
FXX	Filament and Number
JOP 1	Chromospheric Network
JOP 1A*	Near Sun Center ($R < 0.5R_o$)
JOP 1A-1*	Step One of JOP 1A
JOP 2	Active Regions
JOP 3	Flares
JOP 4	Prominences
JOP 5	Limb Profile Studies
JOP 6	Synoptic Observations
JOP 7	Atmospheric Extinction
JOP 8	Coronal and Disc Transients
JOP 9	Solar Wind
JOP 10	Lunar Libration Clouds
JOP 11	Chromospheric Oscillations
JOP 12	Calibration
JOP 13	Night Sky Objects
JOP 14	Solar Eclipse
JOP 15	Coronal Holes
JOP 17	Bright Spot
JOP 18	Comet Kohoutek
JOP 19	Alfven Waves
JOP 20	Rapidly Changing Coronal Structure
JOP 21	Time Variations in Coronal Structure
JOP 24	Latitude Variations of Coronal Structure
JOP 25	S055 Maxi Raster
JOP 26	Coronal and Chromospheric Structure
JOP 27	Velocities
K	Comet Kohoutek
KC	Kohoutek Coma

*Sample - For specific JOP and step definitions, see JOP Summary Sheet.

KN	Kohoutek Nucleus
KT	Kohoutek Tail
LBX	Limb and Number, 0 means 10
LB	Limb
LSX	Limb Scan and Number
$\widehat{\text{Min}}$	Minutes of Arc
NCX	Network Cell and Number
NP	North Pole
PXX	Prominence and Number
QL	Quiet Limb
QRX	Quiet Region and Number
QR	Quiet Region
R/L	Right or Left Coordinates
S	Short
SC	Sun Center
$\widehat{\text{Sec}}$	Seconds of Arc
SP	South Pole
TVD	Television Downlink
UNA	Unattended
UNK or U	Unknown
U/D	Up or Down Coordinates
VEL	Star Gamma Vel
VTR	Video Tape Recorder
WLB	West Limb
XX	Active Region Identifying Numbers
+	Pointing Inside Solar Limb
-	Pointing Outside Solar Limb

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOB-ST	BR	TGT	EXP	WVL	
MAY 28	148:18:51	1A-001	51	UNA		SC	:20	L	
MAY 28	148:18:51	1A-002	51	UNA		SC	:10	S	
MAY 28	148:18:52	1A-003	51	UNA		SC	01:20	L	
MAY 28	148:18:53	1A-004	51	UNA		SC	:40	S	
MAY 28	148:18:54	1A-005	51	UNA		SC	05:18	L	
MAY 28	148:18:59	1A-006	51	UNA		SC	02:40	S	
MAY 29	149:18:30	1A-007	66	02D-1	04	14	:10	S	
MAY 29	149:18:30	1A-008	66	02D-1	04	14	:40	S	
MAY 29	149:18:31	1A-009	66	02D-1	04	14	02:40	S	
MAY 29	149:19:30	1A-010	67	06 -1	01A	SC	01:40	L	4 Limb co-align (149:15:07)-NRL BIAS: R/L = 16; U/D = 45
MAY 29	149:19:39	1A-011	67	06 -1	01B	SC	04:07	L	
MAY 29	149:20:03	1B-001-1	67	02D-1	04B	14	: 2.5S		
MAY 29	149:20:03	1B-001-2	67	02D-1	04B	14	: 0.3L		
MAY 29	149:20:03	1B-001-3	67	02D-1	04B	14	:10	S	
MAY 29	149:20:03	1B-001-4	67	02D-1	04B	14	: 1.3L		
MAY 29	149:20:03	1B-001-5	67	02D-1	04B	14	:40	S	
MAY 29	149:20:04	1B-001-6	67	02D-1	04B	14	: 5	L	
MAY 29	149:20:04	1B-001-7	67	02D-1	04B	14	2:40	S	
MAY 29	149:20:07	1B-001-8	67	02D-1	04B	14	:20	L	
MAY 30	150:00:08	1B-002-1	70	04 -6	03	F62	: 0.3L		101 Film Strip
MAY 30	150:00:08	1B-002-2	70	04 -6	03	F62	: 2.5S		
MAY 30	150:00:08	1B-002-3	70	04 -6	03	F62	: 1.3L		
MAY 30	150:00:08	1B-002-4	70	04 -6	03	F62	:10	S	
MAY 30	150:00:08	1B-002-5	70	04 -6	03	F62	: 5	L	
MAY 30	150:00:08	1B-002-6	70	04 -6	03	F62	:40	S	
MAY 30	150:00:09	1B-002-7	70	04 -6	03	F62	:20	L	
MAY 30	150:00:09	1B-002-8	70	04 -6	03	F62	2:40	S	
MAY 30	150:00:28	1A-012	70	02A-7	10	15	:20	L	
MAY 30	150:00:28	1B-003-1	70	02D-5	10	17	: 2.5S		
MAY 30	150:00:28	1B-003-2	70	02D-5	10	17	: 0.3L		
MAY 30	150:00:28	1B-003-3	70	02D-5	10	17	:10	S	
MAY 30	150:00:28	1B-003-4	70	02D-5	10	17	: 1.3L		
MAY 30	150:00:28	1B-003-5	70	02D-5	10	17	:40	S	
MAY 30	150:00:29	1B-003-6	70	02D-5	10	17	: 5	L	
MAY 30	150:00:29	1B-003-7	70	02D-5	10	17	2:40	S	
MAY 30	150:00:32	1B-003-8	70	02D-5	10	17	:20	L	
MAY 30	150:01:38	1A-013	71	06 -1	01A	SC	06:41	L	
MAY 30	150:02:10	1A-014	71	02D-5	07	18	:40	L	
MAY 30	150:02:10	1B-004-1	71	02D-5	07	18	: 0.3L		
MAY 30	150:02:10	1B-004-2	71	02D-5	07	18	: 2.5S		
MAY 30	150:02:10	1B-004-3	71	02D-5	07	18	: 1.3L		
MAY 30	150:02:10	1B-004-4	71	02D-5	07	18	:10	S	
MAY 30	150:02:10	1B-004-5	71	02D-5	07	18	: 5	L	
MAY 30	150:02:10	1B-004-6	71	02D-5	07	18	:40	S	
MAY 30	150:02:11	1B-004-7	71	02D-5	07	18	:20	L	
MAY 30	150:02:11	1B-004-8	71	02D-5	07	18	2:40	S	
MAY 30	150:14:14	1A-015	79	06 -1	01A	SC	:20	L	
MAY 30	150:14:14	1A-016	79	06 -1	01A	SC	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOB-ST	BB	TGT	EXP	WVL	
MAY 30	150:14:15	1A-017	79	06 -1	01A	SC	01:20	L	
MAY 30	150:14:16	1A-018	79	06 -1	01A	SC	:40	S	
MAY 30	150:14:17	1A-019	79	06 -1	01A	SC	:43	L	
MAY 30	150:14:47	1B-005-1	79	02A-7	10	18	: 2.5	S	
MAY 30	150:14:47	1B-005-2	79	02A-7	10	18	: .3	L	
MAY 30	150:14:47	1B-005-3	79	02A-7	10	18	:10.0	S	
MAY 30	150:14:47	1B-005-4	79	02A-7	10	18	: 1.3	L	
MAY 30	150:14:47	1B-005-5	79	02A-7	10	18	:40.0	S	
MAY 30	150:14:48	1B-005-6	79	02A-7	10	18	: 5.0	L	
MAY 30	150:14:48	1B-005-7	79	02A-7	10	18	2:40	S	
MAY 30	150:14:51	1B-005-8	79	02A-7	10	18	:20.0	L	
MAY 30	150:15:36	1B-006-1	80	02A-2	05A	17	: 0.3	L	
MAY 30	150:15:36	1B-006-2	80	02A-2	05A	17	: 2.5	S	
MAY 30	150:15:36	1B-006-3	80	02A-2	05A	17	: 1.3	L	
MAY 30	150:15:36	1B-006-4	80	02A-2	05A	17	:10	S	
MAY 30	150:15:36	1B-006-5	80	02A-2	05A	17	: 5	L	
MAY 30	150:15:37	1B-006-6	80	02A-2	05A	17	:40	S	
MAY 30	150:15:37	1B-006-7	80	02A-2	05A	17	:20	L	
MAY 30	150:15:38	1B-006-8	80	02A-2	05A	17	2:40	S	
MAY 30	150:15:47	1B-007-1	80	02A-2	05B	17	: 2.5	S	
MAY 30	150:15:47	1B-007-2	80	02A-2	05B	17	: 0.3	L	
MAY 30	150:15:47	1B-007-3	80	02A-2	05B	17	:10	S	
MAY 30	150:15:47	1B-007-4	80	02A-2	05B	17	: 1.3	L	
MAY 30	150:15:47	1B-007-5	80	02A-2	05B	17	:40	S	
MAY 30	150:15:48	1B-007-6	80	02A-2	05B	17	: 5	L	
MAY 30	150:15:48	1B-007-7	80	02A-2	05B	17	2:40	S	
MAY 30	150:15:51	1B-007-8	80	02A-2	05B	17	:20	L	
MAY 30	150:15:53	1B-008-1	80	02A-2	05C	17	: 0.3	L	
MAY 30	150:15:53	1B-008-2	80	02A-2	05C	17	: 2.5	S	
MAY 30	150:15:53	1B-008-3	80	02A-2	05C	17	: 1.3	L	
MAY 30	150:15:53	1B-008-4	80	02A-2	05C	17	:10	S	
MAY 30	150:15:54	1B-008-5	80	02A-2	05C	17	: 5	L	
MAY 30	150:15:54	1B-008-6	80	02A-2	05C	17	:40	S	
MAY 30	150:15:54	1B-008-7	80	02A-2	05C	17	:20	L	
MAY 30	150:15:55	1B-008-8	80	02A-2	05C	17	2:40	S	
MAY 30	150:17:11	1B-009-1	81	04 -6	03	F62	: 2.5	S	
MAY 30	150:17:11	1B-009-2	81	04 -6	03	F62	: 0.3	L	
MAY 30	150:17:11	1B-009-3	81	04 -6	03	F62	:10	S	
MAY 30	150:17:12	1B-009-4	81	04 -6	03	F62	: 1.3	L	
MAY 30	150:17:12	1B-009-5	81	04 -6	03	F62	:40	S	
MAY 30	150:17:12	1B-009-6	81	04 -6	03	F62	: 5	L	
MAY 30	150:17:13	1B-009-7	81	04 -6	03	F62	2:40	S	
MAY 30	150:17:15	1B-009-8	81	04 -6	03	F62	:20	L	
MAY 30	150:17:29	1B-010-1	81	04 -7	06	F62	: 0.3	L	
MAY 30	150:17:29	1B-010-2	81	04 -7	06	F62	: 2.5	S	
MAY 30	150:17:29	1B-010-3	81	04 -7	06	F62	: 1.3	L	
MAY 30	150:17:29	1B-010-4	81	04 -7	06	F62	:10	S	
MAY 30	150:17:30	1B-010-5	81	04 -7	06	F62	: 5	L	
MAY 30	150:17:30	1B-010-6	81	04 -7	06	F62	:40	S	
MAY 30	150:17:30	1B-010-7	81	04 -7	06	F62	:20	L	
MAY 30	150:17:31	1B-010-8	81	04 -7	06	F62	2:40	S	
MAY 30	150:17:51	1B-011-1	81	12D		UNK	:40.0	S	Slew Calibration
MAY 30	150:17:53	1B-011-2	81	12D		UNK	:05.5	L	Slew Calibration
MAY 30	150:19:00	1B-011-3	82	02A-2	05A	17	: 0.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BB	TGT	EXP	WVL
MAY 30	150:19:01	1B-011-4	82	02A-2	05A	17	: 2.5	S
MAY 30	150:19:01	1B-011-5	82	02A-2	05A	17	: 1.3	L
MAY 30	150:19:01	1B-011-6	82	02A-2	05A	17	:10	S
MAY 30	150:19:01	1B-011-7	82	02A-2	05A	17	: 5	L
MAY 30	150:19:01	1B-011-8	82	02A-2	05A	17	:40	S
MAY 30	150:19:02	1B-012-1	82	02A-2	05A	17	:20	L
MAY 30	150:19:02	1B-012-2	82	02A-2	05A	17	2:40	S
MAY 30	150:19:10	1B-012-3	82	02A-2	05B	17	: 2.5	S
MAY 30	150:19:10	1B-012-4	82	02A-2	05B	17	: 0.3	L
MAY 30	150:19:10	1B-012-5	82	02A-2	05B	17	:10	S
MAY 30	150:19:11	1B-012-6	82	02A-2	05B	17	: 1.3	L
MAY 30	150:19:11	1B-012-7	82	02A-2	05B	17	:40	S
MAY 30	150:19:11	1B-012-8	82	02A-2	05B	17	: 5	L
MAY 30	150:19:11	1B-013-1	82	02A-2	05B	17	2:40	S
MAY 30	150:19:14	1B-013-2	82	02A-2	05B	17	:20	L
MAY 30	150:19:18	1B-013-3	82	02A-2	05C	17	: 0.3	L
MAY 30	150:19:18	1B-013-4	82	02A-2	05C	17	: 2.5	S
MAY 30	150:19:18	1B-013-5	82	02A-2	05C	17	: 1.3	L
MAY 30	150:19:18	1B-013-6	82	02A-2	05C	17	:10	S
MAY 30	150:19:18	1B-013-7	82	02A-2	05C	17	: 5	L
MAY 30	150:19:18	1B-013-8	82	02A-2	05C	17	:40	S
MAY 30	150:19:19	1B-014-1	82	02A-2	05C	17	:20	L
MAY 30	150:19:19	1B-014-2	82	02A-2	05C	17	2:40	S
MAY 30	150:19:26	1B-014-3	82	02A-7	10	14	: 2.5	S
MAY 30	150:19:26	1B-014-4	82	02A-7	10	14	: 0.3	L
MAY 30	150:19:26	1B-014-5	82	02A-7	10	14	:10	S
MAY 30	150:19:27	1B-014-6	82	02A-7	10	14	: 1.3	L
MAY 30	150:19:27	1B-014-7	82	02A-7	10	14	:40	S
MAY 30	150:19:27	1B-014-8	82	02A-7	10	14	: 5	L
MAY 30	150:19:27	1B-015-1	82	02A-7	10	14	: 6	S
MAY 30	150:19:29	1B-015-2	82	03	08	14	: 0.3	S
MAY 30	150:19:29	1B-015-3	82	03	08	14	: 1.3	S
MAY 30	150:19:29	1B-015-4	82	03	08	14	: 5	S
MAY 30	150:19:29	1B-015-5	82	03	08	14	:20	S
MAY 30	150:19:29	1B-015-6	82	03	08	14	: 0.3	S
MAY 30	150:19:29	1B-015-7	82	03	08	14	: 1.3	S
MAY 30	150:19:29	1B-015-8	82	03	08	14	: 5	S
MAY 30	150:19:30	1B-016-1	82	03	08	14	:20	S
MAY 30	150:19:30	1B-016-2	82	03	08	14	: 0.2	L
MAY 30	150:19:30	1B-016-3	82	03	08	14	: 0.6	L
MAY 30	150:19:30	1B-016-4	82	03	08	14	: 2.5	L
MAY 30	150:19:30	1B-016-5	82	03	08	14	:10	L
MAY 30	150:19:30	1B-016-6	82	03	08	14	: 0.3	S
MAY 30	150:19:30	1B-016-7	82	03	08	14	: 1.3	S
MAY 30	150:19:30	1B-016-8	82	03	08	14	: 5	S
MAY 30	150:19:30	1B-017-1	82	03	08	14	:20	S
MAY 30	150:19:31	1B-017-2	82	03	08	14	: 0.3	S
MAY 30	150:19:31	1B-017-3	82	03	08	14	: 1.3	S
MAY 30	150:19:31	1B-017-4	82	03	08	14	: 5	S
MAY 30	150:19:31	1B-017-5	82	03	08	14	:20	S
MAY 30	150:19:31	1B-017-6	82	03	08	14	: 0.2	L
MAY 30	150:19:31	1B-017-7	82	03	08	14	: 0.6	L
MAY 30	150:19:31	1B-017-8	82	03	08	14	: 2.5	L
MAY 30	150:19:31	1B-018-1	82	03	08	14	:10	L

Fine Sun Sensor Excursion Approx. 30 sec for several seconds due to crew motion

Pointing possibly changing

Crew Error - "Flare Drill" initiated flare mode when crew failed to inhibit flare alarm in South Atlantic anomaly.

Flare mode ended with orbital sunset during 120 sec preprogramed "delay" period

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	RR	TGT	EXP	WVL	
MAY 30	150:19:31	1B-018-2	82	03	08	14	: 1.3	S	
MAY 30	150:19:31	1B-018-3	82	03	08	14	: 5	S	
MAY 30	150:19:32	1B-018-4	82	03	08	14	:20	S	
MAY 30	150:19:32	1B-018-5	82	03	08	14	1:20	S	
MAY 30	150:19:33	1B-018-6	82	03	08	14	: 0.2	L	
MAY 30	150:19:33	1B-018-7	82	03	08	14	: 0.6	L	
MAY 30	150:19:33	1B-018-8	82	03	08	14	: 2.5	L	-see previous note
MAY 30	150:19:33	1B-019-1	82	03	08	14	:10	L	
MAY 31	151:01:27	1B-019-2	86	02A-6	07	17	: 2.5	S	
MAY 31	151:01:27	1B-019-3	86	02A-6	07	17	: 0.3	L	
MAY 31	151:01:27	1B-019-4	86	02A-6	07	17	:10	S	
MAY 31	151:01:27	1B-019-5	86	02A-6	07	17	: 1.3	L	
MAY 31	151:01:27	1B-019-6	86	02A-6	07	17	:40	S	
MAY 31	151:01:28	1B-019-7	86	02A-6	07	17	: 5	L	
MAY 31	151:01:28	1B-019-8	86	02A-6	07	17	2:40	S	
MAY 31	151:01:30	1B-020-1	86	02A-6	07	17	:20	L	
MAY 31	151:16:38	1B-020-2	96	02C-5	23	14	: 0.3	L	
MAY 31	151:16:38	1B-020-3	96	02C-5	23	14	: 2.5	S	
MAY 31	151:16:38	1B-020-4	96	02C-5	23	14	: 1.3	L	
MAY 31	151:16:38	1B-020-5	96	02C-5	23	14	:10	S	
MAY 31	151:16:38	1B-020-6	96	02C-5	23	14	: 5	L	-12 arc sec — Begin Limb Scan
MAY 31	151:16:38	1B-020-7	96	02C-5	23	14	:40	S	
MAY 31	151:16:39	1B-020-8	96	02C-5	23	14	:20	L	
MAY 31	151:16:39	1B-021-1	96	02C-5	23	14	2:40	S	
MAY 31	151:16:42	1B-021-2	96	02C-5	23	14	: 0.3	L	
MAY 31	151:16:42	1B-021-3	96	02C-5	23	14	: 2.5	S	
MAY 31	151:16:42	1B-021-4	96	02C-5	23	14	: 1.3	L	
MAY 31	151:16:42	1B-021-5	96	02C-5	23	14	:10	S	
MAY 31	151:16:42	1B-021-6	96	02C-5	23	14	: 5	L	-4 arc sec
MAY 31	151:16:42	1B-021-7	96	02C-5	23	14	:40	S	
MAY 31	151:16:43	1B-021-8	96	02C-5	23	14	:20	L	
MAY 31	151:16:43	1B-022-1	96	02C-5	23	14	2:40	S	
MAY 31	151:16:46	1B-022-2	96	02C-5	23	14	: 0.3	L	
MAY 31	151:16:46	1B-022-3	96	02C-5	23	14	: 2.5	S	
MAY 31	151:16:46	1B-022-4	96	02C-5	23	14	: 1.3	L	
MAY 31	151:16:46	1B-022-5	96	02C-5	23	14	:10	S	
MAY 31	151:16:47	1B-022-6	96	02C-5	23	14	: 5	L	-2 arc sec
MAY 31	151:16:47	1B-022-7	96	02C-5	23	14	:40	S	
MAY 31	151:16:47	1B-022-8	96	02C-5	23	14	:20	L	
MAY 31	151:16:48	1B-023-1	96	02C-5	23	14	2:40	S	
MAY 31	151:16:50	1B-023-2	96	02C-5	23	14	: 0.3	L	
MAY 31	151:16:50	1B-023-3	96	02C-5	23	14	: 2.5	S	
MAY 31	151:16:51	1B-023-4	96	02C-5	23	14	: 1.3	L	
MAY 31	151:16:51	1B-023-5	96	02C-5	23	14	:10	S	
MAY 31	151:16:51	1B-023-6	96	02C-5	23	14	: 5	L	-0 arc sec
MAY 31	151:16:51	1B-023-7	96	02C-5	23	14	:40	S	
MAY 31	151:16:52	1B-023-8	96	02C-5	23	14	:20	L	
MAY 31	151:16:52	1B-024-1	96	02C-5	23	14	2:40	S	
MAY 31	151:16:55	1B-024-2	96	02C-5	23	14	: 2.5	L	
MAY 31	151:16:55	1B-024-3	96	02C-5	23	14	:10	S	
MAY 31	151:16:55	1B-024-4	96	02C-5	23	14	:10	L	
MAY 31	151:16:55	1B-024-5	96	02C-5	23	14	:40	S	+2 arc sec

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BR	TGT	EXP	WVL	
MAY 31	151:16:56	1B-024-6	96	02C-5	23	14	:40	L	
MAY 31	151:16:57	1B-024-7	96	02C-5	23	14	2:40	S	
MAY 31	151:16:59	1B-024-8	96	02C-5	23	14	2:40	L	
MAY 31	151:17:02	1B-025-1	96	02C-5	23	14	10:40	S	
MAY 31	151:17:13	1B-025-2	96	02C-5	23	14	: 2.5	L	
MAY 31	151:17:13	1B-025-3	96	02C-5	23	14	:10	S	
MAY 31	151:17:13	1B-025-4	96	02C-5	23	14	:10	L	
MAY 31	151:17:13	1B-025-5	96	02C-5	23	14	:40	S	+4 sec
MAY 31	151:17:14	1B-025-6	96	02C-5	23	14	:40	L	
MAY 31	151:17:15	1B-025-7	96	02C-5	23	14	1:45	S	Exposure truncated, "hold" at end of D/N cycle 96
MAY 31	151:18:00	1B-025-8	96	02C-5	23	14	2:40	L	
MAY 31	151:18:02	1B-026-1	97	02C-5	23	14	10:40	S	
MAY 31	151:18:13	1B-026-2	97	02C-5	23	14	: 2.5	L	
MAY 31	151:18:13	1B-026-3	97	02C-5	23	14	:10	S	
MAY 31	151:18:13	1B-026-4	97	02C-5	23	14	:10	L	
MAY 31	151:18:14	1B-026-5	97	02C-5	23	14	:40	S	+6 sec
MAY 31	151:18:14	1B-026-6	97	02C-5	23	14	:40	L	
MAY 31	151:18:15	1B-026-7	97	02C-5	23	14	2:40	S	
MAY 31	151:18:18	1B-026-8	97	02C-5	23	14	2:40	L	
MAY 31	151:18:20	1B-027-1	97	02C-5	23	14	10:40	S	
MAY 31	151:18:31	1B-027-2	97	02C-5	23	14	: 2.5	L	
MAY 31	151:18:31	1B-027-3	97	02C-5	23	14	:10	S	
MAY 31	151:18:31	1B-027-4	97	02C-5	23	14	:10	L	
MAY 31	151:18:31	1B-027-5	97	02C-5	23	14	:40	S	+8 sec
MAY 31	151:18:32	1B-027-6	97	02C-5	23	14	:40	L	
MAY 31	151:18:33	1B-027-7	97	02C-5	23	14	2:40	S	
MAY 31	151:18:36	1B-027-8	97	02C-5	23	14	2:40	L	
MAY 31	151:18:38	1B-028-1	97	02C-5	23	14	10:40	S	
MAY 31	151:18:49	1B-028-2	97	02C-5	23	14	: 4	L	
MAY 31	151:18:49	1B-028-3	97	02C-5	23	14	:16	S	
MAY 31	151:18:49	1B-028-4	97	02C-5	23	14	:16	L	+12 sec End limb scan
MAY 31	151:18:50	1B-028-5	97	02C-5	23	14	1:04	S	
MAY 31	151:18:51	1B-028-6	97	02C-5	23	14	: 8	L	
MAY 31	151:19:54	1B-029-7	98	02B-1	04B	17	: 0.3	L	
MAY 31	151:19:54	1B-029-8	98	02B-1	04B	17	: 2.5	S	
MAY 31	151:19:54	1B-029-1	98	02B-1	04B	17	: 1.2	L	
MAY 31	151:19:54	1B-029-2	98	02B-1	04B	17	:10	S	
MAY 31	151:19:54	1B-029-3	98	02B-1	04B	17	: 5	L	
MAY 31	151:19:54	1B-029-4	98	02B-1	04B	17	:40	S	
MAY 31	151:19:55	1B-029-5	98	02B-1	04B	17	:20	L	
MAY 31	151:19:55	1B-029-6	98	02B-1	04B	17	2:40	S	
MAY 31	151:20:02	1B-029-7	98	02B-1	04C	17	: 2.5	S	
MAY 31	151:20:02	1B-029-8	98	02B-1	04C	17	: 0.3	L	
MAY 31	151:20:02	1B-030-1	98	02B-1	04C	17	:10	S	
MAY 31	151:20:03	1B-030-2	98	02B-1	04C	17	: 1.3	L	
MAY 31	151:20:03	1B-030-3	98	02B-1	04C	17	:40	S	
MAY 31	151:20:03	1B-030-4	98	02B-1	04C	17	: 5	L	
MAY 31	151:20:03	1B-030-5	98	02B-1	04C	17	2:40	S	
MAY 31	151:20:06	1B-030-6	98	02B-1	04C	17	:20	L	
MAY 31	151:21:07	1B-030-7	99	04 -6	03	F62	: 0.3	L	
MAY 31	151:21:07	1B-030-8	99	04 -6	03	F62	: 2.5	S	
MAY 31	151:21:07	1B-031-1	99	04 -6	03	F62	: 1.3	L	
MAY 31	151:21:07	1B-031-2	99	04 -6	03	F62	:10	S	
MAY 31	151:21:07	1B-031-3	99	04 -6	03	F62	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BB	TGT	EXP	WVL	
MAY 31	151:21:07	1B-031-4	99	04 -6	03	F62	:40	S	
MAY 31	151:21:08	1B-031-5	99	04 -6	03	F62	:20	L	
MAY 31	151:21:08	1B-031-6	99	04 -6	03	F62	2:40	S	
MAY 31	151:21:26	1B-031-7	99	04 -7	06	F62	: 2.5	S	
MAY 31	151:21:26	1B-031-8	99	04 -7	06	F62	: 0.3	L	
MAY 31	151:21:26	1B-032-1	99	04 -7	06	F62	:10	S	
MAY 31	151:21:26	1B-032-2	99	04 -7	06	F62	: 1.3	L	
MAY 31	151:21:26	1B-032-3	99	04 -7	06	F62	:40	S	
MAY 31	151:21:27	1B-032-4	99	04 -7	06	F62	: 5	L	
MAY 31	151:21:27	1B-032-5	99	04 -7	06	F62	2:40	S	
MAY 31	151:21:30	1B-032-6	99	04 -7	06	F62	:20	L	
JUN 1	152:00:30	1B-032-7	101	OBS		UNK	: 0.3	L	
JUN 1	152:00:30	1B-032-8	101	OBS		UNK	: 2.3	S	
JUN 1	152:00:33	1B-033-1	101	02B-1	04B	18	: 2.5	S	
JUN 1	152:00:33	1B-033-2	101	02B-1	04B	18	: 0.3	L	
JUN 1	152:00:33	1B-033-3	101	02B-1	04B	18	:10	S	
JUN 1	152:00:33	1B-033-4	101	02B-1	04B	18	: 1.3	L	
JUN 1	152:00:33	1B-033-5	101	02B-1	04B	18	:40	S	
JUN 1	152:00:34	1B-033-6	101	02B-1	04B	18	: 5	L	
JUN 1	152:00:34	1B-033-7	101	02B-1	04B	18	2:40	S	
JUN 1	152:00:37	1B-033-8	101	02B-1	04B	18	:20	L	
JUN 1	152:00:44	1B-034-1	101	02B-1	04C	18	: 0.3	L	
JUN 1	152:00:44	1B-034-2	101	02B-1	04C	18	: 2.5	S	
JUN 1	152:00:44	1B-034-3	101	02B-1	04C	18	: 1.3	L	
JUN 1	152:00:44	1B-034-4	101	02B-1	04C	18	:10	S	
JUN 1	152:00:44	1B-034-5	101	02B-1	04C	18	: 5	L	
JUN 1	152:00:44	1B-034-6	101	02B-1	04C	18	:40	S	
JUN 1	152:00:45	1B-034-7	101	02B-1	04C	18	:20	L	
JUN 1	152:00:45	1B-034-8	101	02B-1	04C	18	2:40	S	
JUN 2	153:14:18	1B-035-1	125	12D		UNK	: 5.8	L	slew calib; pointing unknown
JUN 2	153:14:18	1B-035-2	125	12D		UNK	:59	S	
JUN 2	153:15:32	1B-035-3	126	02B-1	04B	18	: 2.5	S	
JUN 2	153:15:32	1B-035-4	126	02B-1	04B	18	: 0.3	L	
JUN 2	153:15:32	1B-035-5	126	02B-1	04B	18	:10	L	
JUN 2	153:15:32	1B-035-6	126	02B-1	04B	18	: 1.3	U	predisperser between positions
JUN 2	153:15:32	1B-035-7	126	02B-1	04B	18	:40	U	
JUN 2	153:15:33	1B-035-8	126	02B-1	04B	18	: 5	U	
JUN 2	153:15:33	1B-036-1	126	02B-1	04B	18	2:40	S	
JUN 2	153:15:35	1B-036-2	126	02B-1	04B	18	:20	L	
JUN 2	153:15:40	1B-036-3	126	02B-1	04C	18	: 0.3	L	
JUN 2	153:15:40	1B-036-4	126	02B-1	04C	18	: 2.5	S	
JUN 2	153:15:40	1B-036-5	126	02B-1	04C	18	: 1.3	L	
JUN 2	153:15:40	1B-036-6	126	02B-1	04C	18	:10	S	
JUN 2	153:15:40	1B-036-7	126	02B-1	04C	18	: 5	L	
JUN 2	153:15:41	1B-036-8	126	02B-1	04C	18	:40	S	
JUN 2	153:15:41	1B-037-1	126	02B-1	04C	18	:20	L	
JUN 2	153:15:42	1B-037-2	126	02B-1	04C	18	2:40	S	
JUN 2	153:15:51	1B-037-3	126	02B-1	04E	18	: 2.5	S	
JUN 2	153:15:51	1B-037-4	126	02B-1	04E	18	: 0.3	L	
JUN 2	153:15:51	1B-037-5	126	02B-1	04E	18	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 2	153:15:51	1B-037-6	126	02B-1	04E	18	:	1.3L	
JUN 2	153:15:51	1B-037-7	126	02B-1	04E	18	:40	S	
JUN 2	153:15:52	1B-037-8	126	02B-1	04E	18	: 5	L	
JUN 2	153:15:52	1B-038-1	126	02B-1	04E	18	2:40	S	
JUN 2	153:15:55	1B-038-2	126	02B-1	04E	18	:12	.8L	
JUN 2	153:17:20	1B-038-3	127	11 -5	10	QR1	:	0.3L	
JUN 2	153:17:20	1B-038-4	127	11 -5	10	QR1	:	2.5S	
JUN 2	153:17:20	1B-038-5	127	11 -5	10	QR1	:	1.3L	
JUN 2	153:17:20	1B-038-6	127	11 -5	10	QR1	:10	S	
JUN 2	153:17:20	1B-038-7	127	11 -5	10	QR1	: 5	L	
JUN 2	153:17:21	1B-038-8	127	11 -5	10	QR1	:40	S	
JUN 2	153:17:21	1B-039-1	127	11 -5	10	QR1	:20	L	
JUN 2	153:17:22	1B-039-2	127	11 -5	10	QR1	2:40	S	
JUN 2	153:21:49	1B-039-3	130	04 -7	06	F62	:	2.5S	
JUN 2	153:21:49	1B-039-4	130	04 -7	06	F62	:	0.3L	
JUN 2	153:21:49	1B-039-5	130	04 -7	06	F62	:10	S	
JUN 2	153:21:49	1B-039-6	130	04 -7	06	F62	:	1.3L	
JUN 2	153:21:50	1B-039-7	130	04 -7	06	F62	:40	S	
JUN 2	153:21:50	1B-039-8	130	04 -7	06	F62	: 5	L	
JUN 2	153:21:50	1B-040-1	130	04 -7	06	F62	2:40	S	
JUN 2	153:21:53	1B-040-2	130	04 -7	06	F62	:20	L	
JUN 2	153:23:08	1B-040-3	131	02D-5	07	17	:	0.3L	
JUN 2	153:23:08	1B-040-4	131	02D-5	07	17	:	2.5S	
JUN 2	153:23:08	1B-040-5	131	02D-5	07	17	:	1.3L	
JUN 2	153:23:08	1B-040-6	131	02D-5	07	17	:10	S	crew comment - could not find AR17, no other AR around, pointed at what appeared to be the remants of AR17.
JUN 2	153:23:09	1B-040-7	131	02D-5	07	17	: 5	L	
JUN 2	153:23:09	1B-040-8	131	02D-5	07	17	:40	S	
JUN 2	153:23:09	1B-041-1	131	02D-5	07	17	:20	L	
JUN 2	153:23:10	1B-041-2	131	02D-5	07	17	2:40	S	S054 door malfunction procedure being implemented at 153:23:13
JUN 3	154:00:43	1B-041-3	132	04 -6	03	F62	:	2.5S	
JUN 3	154:00:43	1B-041-4	132	04 -6	03	F62	:	0.3L	
JUN 3	154:00:43	1B-041-5	132	04 -6	03	F62	:10	S	
JUN 3	154:00:43	1B-041-6	132	04 -6	03	F62	:	1.3L	
JUN 3	154:00:43	1B-041-7	132	04 -6	03	F62	:40	S	
JUN 3	154:00:44	1B-041-8	132	04 -6	03	F62	: 5	L	
JUN 3	154:00:44	1B-042-1	132	04 -6	03	F62	2:40	S	
JUN 3	154:00:47	1B-042-2	132	04 -6	03	F62	:20	L	
JUN 3	154:01:04	1B-042-3	132	01A-1	03	NC2	:	0.3L	Z-Gyro Problem (154:00:59) - TACS Fired.
JUN 3	154:01:04	1B-042-4	132	01A-1	03	NC2	:	2.5S	
JUN 3	154:01:04	1B-042-5	132	01A-1	03	NC2	:	1.3L	
JUN 3	154:01:04	1B-042-6	132	01A-1	03	NC2	:10	S	
JUN 3	154:01:04	1B-042-7	132	01A-1	03	NC2	: 5	L	coronal hole
JUN 3	154:01:04	1B-042-8	132	01A-1	03	NC2	:40	S	
JUN 3	154:01:05	1B-043-1	132	01A-1	03	NC2	:20	L	
JUN 3	154:01:05	1B-043-2	132	01A-1	03	NC2	2:40	S	
JUN 3	154:16:02	1B-043-3	142	04 -2	03	P62	:	2.5S	
JUN 3	154:16:02	1B-043-4	142	04 -2	03	P62	:	0.3L	
JUN 3	154:16:02	1B-043-5	142	04 -2	03	P62	:10	S	
JUN 3	154:16:02	1B-043-6	142	04 -2	03	P62	:	1.3L	
JUN 3	154:16:02	1B-043-7	142	04 -2	03	P62	:40	S	
JUN 3	154:16:03	1B-043-8	142	04 -2	03	P62	: 5	L	
JUN 3	154:16:03	1B-044-1	142	04 -2	03	P62	2:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BR	TGT	EXP	WVL
JUN 3	154:16:06	1B-044-2	142	04 -2	03	P62	:20	L
JUN 3	154:16:27	1B-044-3	142	04 -3	06	P62	: 0.3	L
JUN 3	154:16:27	1B-044-4	142	04 -3	06	P62	: 2.5	S
JUN 3	154:16:27	1B-044-5	142	04 -3	06	P62	: 1.3	L
JUN 3	154:16:27	1B-044-6	142	04 -3	06	P62	:10	S
JUN 3	154:16:27	1B-044-7	142	04 -3	06	P62	: 5	L
JUN 3	154:16:27	1B-044-8	142	04 -3	06	P62	:40	S
JUN 3	154:16:28	1B-045-1	142	04 -3	06	P62	:20	L
JUN 3	154:16:28	1B-045-2	142	04 -3	06	P62	2:40	S
JUN 3	154:16:41	1B-045-3	142	04 -4	11	P62	: 2.5	S
JUN 3	154:16:41	1B-045-4	142	04 -4	11	P62	: 0.3	L
JUN 3	154:16:41	1B-045-5	142	04 -4	11	P62	:10	S
JUN 3	154:16:41	1B-045-6	142	04 -4	11	P62	: 1.3	L
JUN 3	154:16:41	1B-045-7	142	04 -4	11	P62	:40	S
JUN 3	154:16:42	1B-045-8	142	04 -4	11	P62	: 5	L
JUN 3	154:16:42	1B-046-1	142	04 -4	11	P62	2:40	S
JUN 3	154:16:45	1B-046-2	142	04 -4	11	P62	:20	L
JUN 3	154:17:56	1B-046-3	143	04 -2	03	P62	: 0.3	L
JUN 3	154:17:56	1B-046-4	143	04 -2	03	P62	: 2.5	S
JUN 3	154:17:56	1B-046-5	143	04 -2	03	P62	: 1.3	L
JUN 3	154:17:56	1B-046-6	143	04 -2	03	P62	:10	S
JUN 3	154:17:57	1B-046-7	143	04 -2	03	P62	: 5	L
JUN 3	154:17:57	1B-046-8	143	04 -2	03	P62	:40	S
JUN 3	154:17:57	1B-047-1	143	04 -2	03	P62	:20	L
JUN 3	154:17:58	1B-047-2	143	04 -2	03	P62	2:40	S
JUN 3	154:18:14	1B-047-3	143	02A-7	10	23	: 2.5	S
JUN 3	154:18:14	1B-047-4	143	02A-7	10	23	: 0.3	L
JUN 3	154:18:14	1B-047-5	143	02A-7	10	23	:10	S
JUN 3	154:18:14	1B-047-6	143	02A-7	10	23	: 1.3	L
JUN 3	154:18:14	1B-047-7	143	02A-7	10	23	:40	S
JUN 3	154:18:15	1B-047-8	143	02A-7	10	23	: 5	L
JUN 3	154:18:15	1B-048-1	143	02A-7	10	23	2:40	S
JUN 3	154:18:18	1B-048-2	143	02A-7	10	23	:20	L
JUN 3	154:20:46	1B-048-3	145	04 -5	14	P62	:40	S
JUN 3	154:20:47	1B-048-4	145	04 -5	14	P62	1:00	S
JUN 3	154:20:48	1B-048-5	145	04 -5	14	P62	6:40	S
JUN 3	154:20:55	1B-048-6	145	04 -5	14	P62	20:00	S
JUN 3	154:22:35	1B-048-7	146	02B-1	04	18	: 2.5	S
JUN 3	154:22:35	1B-048-8	146	02B-1	04	18	: 0.3	L
JUN 3	154:22:35	1B-049-1	146	02B-1	04	18	:10	S
JUN 3	154:22:35	1B-049-2	146	02B-1	04	18	: 1.3	L
JUN 3	154:22:35	1B-049-3	146	02B-1	04	18	:40	S
JUN 3	154:22:36	1B-049-4	146	02B-1	04	18	: 5	L
JUN 3	154:22:36	1B-049-5	146	02B-1	04	18	2:40	S
JUN 3	154:22:39	1B-049-6	146	02B-1	04	18	:20	L
JUN 3	154:22:43	1B-049-7	146	02B-1	04	18	: 0.3	L
JUN 3	154:22:43	1B-049-8	146	02B-1	04	18	: 2.5	S
JUN 3	154:22:43	1B-050-1	146	02B-1	04	18	: 1.3	L
JUN 3	154:22:43	1B-050-2	146	02B-1	04	18	:10	S
JUN 3	154:22:43	1B-050-3	146	02B-1	04	18	: 5	L
JUN 3	154:22:44	1B-050-4	146	02B-1	04	18	:40	S
JUN 3	154:22:44	1B-050-5	146	02B-1	04	18	:20	L
JUN 3	154:22:45	1B-050-6	146	02B-1	04	18	2:40	S
JUN 3	154:22:53	1B-050-7	146	02B-1	04	18	: 2.5	S

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BP	TGT	EXP WVL	
JUN 3	154:22:53	1B-050-8	146	02B-1	04	18	: 0.3L	
JUN 3	154:22:53	1B-051-1	146	02B-1	04	18	:10 S	
JUN 3	154:22:54	1B-051-2	146	02B-1	04	18	: 1.3L	
JUN 3	154:22:54	1B-051-3	146	02B-1	04	18	:40 S	
JUN 3	154:22:54	1B-051-4	146	02B-1	04	18	: 5 L	
JUN 3	154:22:54	1B-051-5	146	02B-1	04	18	2:40 S	
JUN 3	154:22:57	1B-051-6	146	02B-1	04	18	:20 L	
JUN 4	155:01:48	1B-051-7	148	02A-6	07	23	: 0.3L	
JUN 4	155:01:48	1B-051-8	148	02A-6	07	23	: 2.5S	
JUN 4	155:01:48	1B-052-1	148	02A-6	07	23	: 1.3L	
JUN 4	155:01:48	1B-052-2	148	02A-6	07	23	:10 S	
JUN 4	155:01:48	1B-052-3	148	02A-6	07	23	: 5 L	
JUN 4	155:01:48	1B-052-4	148	02A-6	07	23	:40 S	
JUN 4	155:01:49	1B-052-5	148	02A-6	07	23	:20 L	
JUN 4	155:01:50	1B-052-6	148	02A-6	07	23	2:40 S	
JUN 4	155:15:55	1B-052-7	157	02B-3	07	18	: 2.5S	
JUN 4	155:15:55	1B-052-8	157	02B-3	07	18	: 0.3L	
JUN 4	155:15:55	1B-053-1	157	02B-3	07	18	:10 S	
JUN 4	155:15:55	1B-053-2	157	02B-3	07	18	: 1.3L	
JUN 4	155:15:55	1B-053-3	157	02B-3	07	18	:40 S	
JUN 4	155:15:56	1B-053-4	157	02B-3	07	18	: 5 L	
JUN 4	155:15:56	1B-053-5	157	02B-3	07	18	2:40 S	
JUN 4	155:15:59	1B-053-6	157	02B-3	07	18	:20 L	
JUN 4	155:18:32	1B-053-7	159	01A-1	03	18	: 0.3L	
JUN 4	155:18:32	1B-053-8	159	01A-1	03	18	: 2.5S	
JUN 4	155:18:32	1B-054-1	159	01A-1	03	18	: 1.3L	
JUN 4	155:18:32	1B-054-2	159	01A-1	03	18	:10 S	Pointing not per pad: Roll -6515, R/L -255, U/D +029 should have
JUN 4	155:18:33	1B-054-3	159	01A-1	03	18	: 5 L	been at QR3.
JUN 4	155:18:33	1B-054-4	159	01A-1	03	18	:40 S	
JUN 4	155:18:33	1B-054-5	159	01A-1	03	18	:20 L	
JUN 4	155:18:34	1B-054-6	159	01A-1	03	18	2:40 S	
JUN 4	155:18:59	1B-054-7	159	01A-2	03	QR3	: 2.5S	
JUN 4	155:18:59	1B-054-8	159	01A-2	03	QR3	: 0.3L	
JUN 4	155:18:59	1B-055-1	159	01A-2	03	QR3	:10 S	
JUN 4	155:18:59	1B-055-2	159	01A-2	03	QR3	: 1.3L	Pointing corredted to: Roll +5441, R/L -110, U/D -093
JUN 4	155:18:59	1B-055-3	159	01A-2	03	QR3	:40 S	
JUN 4	155:19:00	1B-055-4	159	01A-2	03	QR3	: 5 L	
JUN 4	155:19:00	1B-055-5	159	01A-2	03	QR3	2:40 S	
JUN 4	155:19:02	1B-055-6	159	01A-2	03	QR3	:20 L	
JUN 4	155:19:58	1B-055-7	160	01A-3	11	QR3	: 0.3L	
JUN 4	155:19:58	1B-055-8	160	01A-3	11	QR3	: 2.5S	
JUN 4	155:19:58	1B-056-1	160	01A-3	11	QR3	: 1.3L	
JUN 4	155:19:58	1B-056-2	160	01A-3	11	QR3	:10 S	
JUN 4	155:19:59	1B-056-3	160	01A-3	11	QR3	:05 L	
JUN 4	155:19:59	1B-056-4	160	01A-3	11	QR3	:40 S	
JUN 4	155:19:59	1B-056-5	160	01A-3	11	QR3	:20 L	
JUN 4	155:20:00	1B-056-6	160	01A-3	11	QR3	2:40 S	
JUN 4	155:20:08	1B-056-7	160	01A-4	06	QR3	: 2.5S	
JUN 4	155:20:08	1B-056-8	160	01A-4	06	QR3	: 0.3L	
JUN 4	155:20:08	1B-057-1	160	01A-4	06	QR3	:10 S	
JUN 4	155:20:08	1B-057-2	160	01A-4	06	QR3	: 1.3L	
JUN 4	155:20:09	1B-057-3	160	01A-4	06	QR3	:40 S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/M	JOP-ST	RP	TGT	EXP	WVL	
JUN 4	155:20:09	1B-057-4	160	01A-4	06	QR3	: 5	L	
JUN 4	155:20:09	1B-057-5	160	01A-4	06	QR3	2:40	S	
JUN 4	155:20:12	1B-057-6	160	01A-4	06	QR3	:20	L	
JUN 4	155:21:45	1B-057-7	161	01A-5	11	QR3	: 0.3	L	
JUN 4	155:21:45	1B-057-8	161	01A-5	11	QR3	: 2.5	S	
JUN 4	155:21:45	1B-058-1	161	01A-5	11	QR3	: 1.3	L	
JUN 4	155:21:45	1B-058-2	161	01A-5	11	QR3	:10	S	
JUN 4	155:21:45	1B-058-3	161	01A-5	11	QR3	: 5	L	
JUN 4	155:21:45	1B-058-4	161	01A-5	11	QR3	:40	S	
JUN 4	155:21:46	1B-058-5	161	01A-5	11	QR3	:20	L	
JUN 4	155:21:46	1B-058-6	161	01A-5	11	QR3	2:40	S	
JUN 4	155:21:53	1B-058-7	161	01A-6	06	QR3	: 2.5	S	
JUN 4	155:21:53	1B-058-8	161	01A-6	06	QR3	: 0.3	L	
JUN 4	155:21:53	1B-059-1	161	01A-6	06	QR3	:10	S	
JUN 4	155:21:53	1B-059-2	161	01A-6	06	QR3	: 1.3	L	
JUN 4	155:21:53	1B-059-3	161	01A-6	06	QR3	:40	S	
JUN 4	155:21:54	1B-059-4	161	01A-6	06	QR3	: 5	L	
JUN 4	155:21:54	1B-059-5	161	01A-6	06	QR3	2:40	S	
JUN 4	155:21:57	1B-059-6	161	01A-6	06	QR3	:20	L	
JUN 5	156:00:46	1B-059-7	163	OBS		UNK	16:44	L	
JUN 5	156:01:03	1B-059-8	163	01A-1	03	NC3	: 0.3	L	
JUN 5	156:01:03	1B-060-1	163	01A-1	03	NC3	: 2.5	S	
JUN 5	156:01:03	1B-060-2	163	01A-1	03	NC3	: 1.3	L	
JUN 5	156:01:03	1B-060-3	163	01A-1	03	NC3	:10	S	
JUN 5	156:01:03	1B-060-4	163	01A-1	03	NC3	: 5	L	
JUN 5	156:01:03	1B-060-5	163	01A-1	03	NC3	:40	S	
JUN 5	156:01:04	1B-060-6	163	01A-1	03	NC3	:20	L	
JUN 5	156:01:04	1B-060-7	163	01A-1	03	NC3	2:40	S	—Pointing changed while shutter was open
JUN 5	156:01:08	1B-060-8	163	01A-7	11	QR3	: 2.5	S	
JUN 5	156:01:08	1B-061-1	163	01A-7	11	QR3	: 0.3	L	
JUN 5	156:01:08	1B-061-2	163	01A-7	11	QR3	:10	S	
JUN 5	156:01:09	1B-061-3	163	01A-7	11	QR3	: 1.3	L	
JUN 5	156:01:09	1B-061-4	163	01A-7	11	QR3	:40	S	
JUN 5	156:01:09	1B-061-5	163	01A-7	11	QR3	: 5	L	
JUN 5	156:01:09	1B-061-6	163	01A-7	11	QR3	2:40	S	
JUN 5	156:01:12	1B-061-7	163	01A-7	11	QR3	:20	L	
JUN 5	156:02:40	1B-061-8	164	12D		QR2	:40	L	
JUN 5	156:02:41	1B-062-1	164	12D		QR2	: 5	S	
JUN 5	156:16:24	1B-062-2	173	02B-3	07	18	: 0.3	L	
JUN 5	156:16:24	1B-062-3	173	02B-3	07	18	: 2.5	S	
JUN 5	156:16:25	1B-062-4	173	02B-3	07	18	: 1.3	L	
JUN 5	156:16:25	1B-062-5	173	02B-3	07	18	:10	S	—Exposure may be smeared due to star tracker failure. Pointing remained constant but the roll changed approximately 90 min in one minute (16:25 to 16:26).
JUN 5	156:16:25	1B-062-6	173	02B-3	07	18	: 5	L	
JUN 5	156:16:25	1B-062-7	173	02B-3	07	18	:40	S	
JUN 5	156:16:26	1B-062-8	173	02B-3	07	18	:20	L	
JUN 5	156:16:26	1B-063-1	173	02B-3	07	18	2:40	S	
JUN 5	156:16:37	1B-063-2	173	02A-7	10	18	: 2.5	S	
JUN 5	156:16:37	1B-063-3	173	02A-7	10	18	: 0.3	L	
JUN 5	156:16:37	1B-063-4	173	02A-7	10	18	:10	S	
JUN 5	156:16:37	1B-063-5	173	02A-7	10	18	: 1.3	L	
JUN 5	156:16:37	1B-063-6	173	02A-7	10	18	:40	S	
JUN 5	156:16:38	1B-063-7	173	02A-7	10	18	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	RP	TGT	EXP	WVL	
JUN 5	156:16:38	1B-063-8	173	02A-7	10	1B	2:40	S	
JUN 5	156:16:41	1B-064-1	173	02A-7	10	1B	:20	L	
JUN 5	156:20:49	1B-064-2	176	05 -6	23	LB	: 0.3	L	
JUN 5	156:20:49	1B-064-3	176	05 -6	23	LB	: 2.5	S	
JUN 5	156:20:49	1B-064-4	176	05 -6	23	LB	: 1.3	L	
JUN 5	156:20:49	1B-064-5	176	05 -6	23	LB	:10	S	
JUN 5	156:20:50	1B-064-6	176	05 -6	23	LB	: 5	L	-12 sec — Begin Limb Scan
JUN 5	156:20:50	1B-064-7	176	05 -6	23	LB	:40	S	
JUN 5	156:20:50	1B-064-8	176	05 -6	23	LB	:20	L	
JUN 5	156:20:51	1B-065-1	176	05 -6	23	LB	2:40	S	
JUN 5	156:20:53	1B-065-2	176	05 -6	23	LB	: 0.3	L	
JUN 5	156:20:54	1B-065-3	176	05 -6	23	LB	: 2.5	S	
JUN 5	156:20:54	1B-065-4	176	05 -6	23	LB	: 1.3	L	
JUN 5	156:20:54	1B-065-5	176	05 -6	23	LB	:10	S	
JUN 5	156:20:54	1B-065-6	176	05 -6	23	LB	: 5	L	-4 sec
JUN 5	156:20:54	1B-065-7	176	05 -6	23	LB	:40	S	
JUN 5	156:20:55	1B-065-8	176	05 -6	23	LB	:20	L	
JUN 5	156:20:55	1B-066-1	176	05 -6	23	LB	2:40	S	
JUN 5	156:20:58	1B-066-2	176	05 -6	23	LB	: 0.3	L	
JUN 5	156:20:58	1B-066-3	176	05 -6	23	LB	: 2.5	S	
JUN 5	156:20:58	1B-066-4	176	05 -6	23	LB	: 1.3	L	
JUN 5	156:20:58	1B-066-5	176	05 -6	23	LB	:10	S	
JUN 5	156:20:58	1B-066-6	176	05 -6	23	LB	: 5	L	-2 sec
JUN 5	156:20:58	1B-066-7	176	05 -6	23	LB	:40	S	
JUN 5	156:20:59	1B-066-8	176	05 -6	23	LB	:20	L	
JUN 5	156:20:59	1B-067-1	176	05 -6	23	LB	2:40	S	
JUN 5	156:21:02	1B-067-2	176	05 -6	23	LB	: 0.3	L	
JUN 5	156:21:02	1B-067-3	176	05 -6	23	LB	: 2.5	S	
JUN 5	156:21:02	1B-067-4	176	05 -6	23	LB	: 1.3	L	
JUN 5	156:21:02	1B-067-5	176	05 -6	23	LB	:10	S	
JUN 5	156:21:02	1B-067-6	176	05 -6	23	LB	: 5	L	-0 sec
JUN 5	156:21:02	1B-067-7	176	05 -6	23	LB	:40	S	
JUN 5	156:21:03	1B-067-8	176	05 -6	23	LB	:20	L	
JUN 5	156:21:04	1B-068-1	176	05 -6	23	LB	2:40	S	
JUN 5	156:21:06	1B-068-2	176	05 -6	23	LB	: 2.5	L	
JUN 5	156:21:06	1B-068-3	176	05 -6	23	LB	:10	S	
JUN 5	156:21:07	1B-068-4	176	05 -6	23	LB	:10	L	
JUN 5	156:21:07	1B-068-5	176	05 -6	23	LB	:40	S	+2 sec
JUN 5	156:21:07	1B-068-6	176	05 -6	23	LB	:40	L	
JUN 5	156:21:08	1B-068-7	176	05 -6	23	LB	2:40	S	
JUN 5	156:21:11	1B-068-8	176	05 -6	23	LB	2:40	L	
JUN 5	156:21:14	1B-069-1	176	05 -6	23	LB	10:40	S	
JUN 5	156:21:24	1B-069-2	176	05 -6	23	LB	: 2.5	L	
JUN 5	156:21:24	1B-069-3	176	05 -6	23	LB	:10	S	
JUN 5	156:21:24	1B-069-4	176	05 -6	23	LB	:10	L	
JUN 5	156:21:25	1B-069-5	176	05 -6	23	LB	:40	S	+4 sec
JUN 5	156:21:25	1B-069-6	176	05 -6	23	LB	:40	L	
JUN 5	156:21:26	1B-069-7	176	05 -6	23	LB	2:40	S	
JUN 5	156:21:29	1B-069-8	176	05 -6	23	LB	2:40	L	
JUN 5	156:21:31	1B-070-1	176	05 -6	23	LB	4:08	S	"Hold" Initiated
JUN 5	156:22:19	1B-070-2	177	05 -6	23	LB	: 2.5	L	Resume Mode Operation
JUN 5	156:22:19	1B-070-3	177	05 -6	23	LB	:10	S	
JUN 5	156:22:20	1B-070-4	177	05 -6	23	LB	:10	L	+6 sec
JUN 5	156:22:20	1B-070-5	177	05 -6	23	LB	:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
JUN 5	156:22:21	1B-070-6	177	05 -6	23	LB	:40	L	
JUN 5	156:22:21	1B-070-7	177	05 -6	23	LB	2:40	S	
JUN 5	156:22:24	1B-070-8	177	05 -6	23	LB	2:40	L	
JUN 5	156:22:27	1B-071-1	177	05 -6	23	LB	10:40	S	
JUN 5	156:22:37	1B-071-2	177	05 -6	23	LB	: 2.5	L	
JUN 5	156:22:37	1B-071-3	177	05 -6	23	LB	:10	S	
JUN 5	156:22:38	1B-071-4	177	05 -6	23	LB	:10	L	
JUN 5	156:22:38	1B-071-5	177	05 -6	23	LB	:40	S	+8 sec
JUN 5	156:22:38	1B-071-6	177	05 -6	23	LB	:40	L	
JUN 5	156:22:39	1B-071-7	177	05 -6	23	LB	2:40	S	
JUN 5	156:22:42	1B-071-8	177	05 -6	23	LB	2:40	L	
JUN 5	156:22:45	1B-072-1	177	05 -6	23	LB	10:40	S	
JUN 5	156:22:55	1B-072-2	177	05 -6	23	LB	: 4	L	
JUN 5	156:22:55	1B-072-3	177	05 -6	23	LB	:16	S	
JUN 5	156:22:56	1B-072-4	177	05 -6	23	LB	:16	L	
JUN 5	156:22:56	1B-072-5	177	05 -6	23	LB	1:04	S	+12 sec End Limb Scan
JUN 5	156:22:57	1B-072-6	177	05 -6	23	LB	1:04	L	
JUN 5	156:22:58	1B-072-7	177	05 -6	23	LB	4:16	S	
JUN 5	156:23:02	1B-072-8	177	05 -6	23	LB	4:16	L	
JUN 5	156:23:07	1B-073-1	177	05 -6	23	LB	2:04	S	Exposure truncated prior to sunset
JUN 6	157:20:08	1B-073-2	191	01A-1	03	LB	: 2.5	S	
JUN 6	157:20:08	1B-073-3	191	01A-1	03	LB	: 0.3	L	
JUN 6	157:20:08	1B-073-4	191	01A-1	03	LB	:10	S	
JUN 6	157:20:08	1B-073-5	191	01A-1	03	LB	: 1.3	L	
JUN 6	157:20:08	1B-073-6	191	01A-1	03	LB	:40	S	
JUN 6	157:20:09	1B-073-7	191	01A-1	03	LB	: 5	L	
JUN 6	157:20:09	1B-073-8	191	01A-1	03	LB	2:40	S	
JUN 6	157:20:12	1B-074-1	191	01A-1	03	LB	:20	L	
JUN 6	157:20:28	1B-074-2	191	02A-6	07	27	: 0.3	L	
JUN 6	157:20:28	1B-074-3	191	02A-6	07	27	: 2.5	S	
JUN 6	157:20:28	1B-074-4	191	02A-6	07	27	: 1.3	L	
JUN 6	157:20:28	1B-074-5	191	02A-6	07	27	:10	S	
JUN 6	157:20:28	1B-074-6	191	02A-6	07	27	: 5	L	
JUN 6	157:20:28	1B-074-7	191	02A-6	07	27	:40	S	
JUN 6	157:20:29	1B-074-8	191	02A-6	07	27	:20	L	
JUN 6	157:20:29	1B-075-1	191	02A-6	07	27	2:40	S	
JUN 7	158:01:16	1B-075-2	194	12D		UNK	: 5	L	
JUN 7	158:01:17	1B-075-3	194	12D		UNK	:40	L	
JUN 7	158:18:39	1A-201	205	EVA		UNK	:05	L	— Camera Checkout Exposure
JUN 8	159:02:25	1A-202	210	02A-7	10	31	1:39	L	
JUN 8	159:02:25	1B-075-4	210	02A-7	10	31	: 0.3	L	
JUN 8	159:02:25	1B-075-5	210	02A-7	10	31	: 2.5	S	
JUN 8	159:02:25	1B-075-6	210	02A-7	10	31	: 0.5	L	
JUN 9	160:01:20	1A-203	225	06 -1	01A	SC	:09	S	
JUN 9	160:01:27	1A-204	225	06 -1	01B	SC	:09	S	
JUN 9	160:13:33	1A-205	233	06 -1	01A	SC	03:19	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 9	160:13:43	1A-206	233	06 -1	01B	SC	03:19	L	— 4 Limb Co-align (160:19:34) - NRL Bias: R/L +020; U/D +055
JUN 9	160:19:56	1A-207	237	02B-2	05	18	:20	L	— S054 in BB5 initiated
JUN 9	160:19:56	1B-075-7	237	02B-2	05	18	: 0.3	L	
JUN 9	160:19:56	1B-075-8	237	02B-2	05	18	: 2.5	S	
JUN 9	160:19:56	1B-076-1	237	02B-2	05	18	: 1.3	L	
JUN 9	160:19:56	1B-076-2	237	02B-2	05	18	:10	S	
JUN 9	160:19:56	1B-076-3	237	02B-2	05	18	: 5	L	
JUN 9	160:19:56	1B-076-4	237	02B-2	05	18	:40	S	
JUN 9	160:19:57	1A-208	237	02B-2	05	18	01:20	L	
JUN 9	160:19:57	1B-076-5	237	02B-2	05	18	:20	L	
JUN 9	160:19:57	1B-076-6	237	02B-2	05	18	2:40	S	
JUN 9	160:19:58	1A-209	237	02B-2	05	18	05:18	L	
JUN 9	160:20:06	1B-076-7	237	02B-2	05	18	: 2.5	S	
JUN 9	160:20:06	1B-076-8	237	02B-2	05	18	: 0.3	L	
JUN 9	160:20:06	1B-077-1	237	02B-2	05	18	:10	S	
JUN 9	160:20:06	1B-077-2	237	02B-2	05	18	: 1.3	L	
JUN 9	160:20:06	1B-077-3	237	02B-2	05	18	:40	S	
JUN 9	160:20:07	1B-077-4	237	02B-2	05	18	: 5	L	
JUN 9	160:20:07	1B-077-5	237	02B-2	05	18	2:40	S	
JUN 9	160:20:10	1B-077-6	237	02B-2	05	18	:20	L	
JUN 9	160:20:12	1B-077-7	237	02B-2	05	18	: 0.3	L	
JUN 9	160:20:12	1B-077-8	237	02B-2	05	18	: 2.5	S	
JUN 9	160:20:13	1B-078-1	237	02B-2	05	18	: 1.3	L	
JUN 9	160:20:13	1B-078-2	237	02B-2	05	18	:10	S	
JUN 9	160:20:13	1B-078-3	237	02B-2	05	18	: 5	L	
JUN 9	160:20:13	1B-078-4	237	02B-2	05	18	:40	S	
JUN 9	160:20:14	1B-078-5	237	02B-2	05	18	:20	L	
JUN 9	160:20:14	1B-078-6	237	02B-2	05	18	2:40	S	
JUN 9	160:21:08	1A-210	238	02A-1	04A	31	:10	S	
JUN 9	160:21:08	1A-211	238	02A-1	04A	31	:40	S	
JUN 9	160:21:09	1A-212	238	02A-1	04A	31	02:40	S	
JUN 9	160:21:18	1B-078-7	238	02A-1	04B	31	: 2.5	S	
JUN 9	160:21:18	1B-078-8	238	02A-1	04B	31	: 0.3	L	
JUN 9	160:21:19	1B-079-1	238	02A-1	04B	31	:10	S	
JUN 9	160:21:19	1B-079-2	238	02A-1	04B	31	: 1.3	L	
JUN 9	160:21:19	1B-079-3	238	02A-1	04B	31	:40	S	
JUN 9	160:21:19	1B-079-4	238	02A-1	04B	31	: 5	L	
JUN 9	160:21:20	1B-079-5	238	02A-1	04B	31	2:40	S	
JUN 9	160:21:22	1B-079-6	238	02A-1	04B	31	:20	L	
JUN 9	160:21:25	1B-079-7	238	02A-1	04C	31	: 0.3	L	
JUN 9	160:21:25	1B-079-8	238	02A-1	04C	31	: 2.5	S	
JUN 9	160:21:25	1B-080-1	238	02A-1	04C	31	: 1.3	L	
JUN 9	160:21:25	1B-080-2	238	02A-1	04C	31	:10	S	
JUN 9	160:21:25	1B-080-3	238	02A-1	04C	31	: 5	L	
JUN 9	160:21:25	1B-080-4	238	02A-1	04C	31	:40	S	
JUN 9	160:21:26	1B-080-5	238	02A-1	04C	31	:20	L	
JUN 9	160:21:26	1B-080-6	238	02A-1	04C	31	2:40	S	
JUN 9	160:21:37	1B-080-7	238	02A-1	04E	31	: 2.5	S	
JUN 9	160:21:37	1B-080-8	238	02A-1	04E	31	: 0.3	L	
JUN 9	160:21:37	1B-081-1	238	02A-1	04E	31	:10	S	
JUN 9	160:21:38	1B-081-2	238	02A-1	04E	31	: 1.3	L	
JUN 9	160:21:38	1B-081-3	238	02A-1	04E	31	:40	S	
JUN 9	160:21:38	1B-081-4	238	02A-1	04E	31	: 5	L	
JUN 9	160:21:38	1B-081-5	238	02A-1	04E	31	2:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BR	TGT	EXP	WVL
JUN 9	160:21:41	1B-081-6	238	02A-1	04E	31	:20	L
JUN 10	161:00:16	1B-081-7	240	01A-1	03	NC1	: 0.3	L
JUN 10	161:00:16	1B-081-8	240	01A-1	03	NC1	: 2.5	S
JUN 10	161:00:16	1B-082-1	240	01A-1	03	NC1	: 1.3	L
JUN 10	161:00:16	1B-082-2	240	01A-1	03	NC1	:10	S
JUN 10	161:00:16	1B-082-3	240	01A-1	03	NC1	: 5	L
JUN 10	161:00:16	1B-082-4	240	01A-1	03	NC1	:40	S
JUN 10	161:00:17	1A-213	240	01A-1	03	NC1	04:59	L
JUN 10	161:00:17	1B-082-5	240	01A-1	03	NC1	:20	L
JUN 10	161:00:17	1B-082-6	240	01A-1	03	NC1	2:40	S
JUN 10	161:00:34	1B-082-7	240	01A-4	07	NC1	: 2.5	S
JUN 10	161:00:34	1B-082-8	240	01A-4	07	NC1	: 0.3	L
JUN 10	161:00:34	1B-083-1	240	01A-4	07	NC1	:10	S
JUN 10	161:00:34	1B-083-2	240	01A-4	07	NC1	: 1.3	L
JUN 10	161:00:34	1B-083-3	240	01A-4	07	NC1	:40	S
JUN 10	161:00:35	1A-214	240	01A-1	07	NC1	:19	L
JUN 10	161:00:35	1B-083-4	240	01A-4	07	NC1	: 5	L
JUN 10	161:00:35	1B-083-5	240	01A-4	07	NC1	2:40	S
JUN 10	161:00:38	1B-083-6	240	01A-4	07	NC1	:20	L
JUN 10	161:01:46	1A-215	241	06 -1	01	SC	:40	S
JUN 10	161:02:14	1B-083-7	241	12D		QR1	: 5	L
JUN 10	161:02:15	1B-083-8	241	12D		QR1	:40	L
JUN 10	161:16:01	1A-216	250	06 -1	01A	SC	03:19	L
JUN 10	161:16:10	1A-217	250	06 -1	01B	SC	03:19	L
JUN 10	161:17:21	1A-218	251	02C-2	05	37	:10	S
JUN 10	161:17:21	1A-219	251	02C-2	05	37	:40	S
JUN 10	161:17:21	1B-084-1	251	02C-2	05	37	: 0.3	L
JUN 10	161:17:21	1B-084-2	251	02C-2	05	37	: 2.5	S
JUN 10	161:17:21	1B-084-3	251	02C-2	05	37	: 1.3	L
JUN 10	161:17:21	1B-084-4	251	02C-2	05	37	:10	S
JUN 10	161:17:21	1B-084-5	251	02C-2	05	37	: 5	L
JUN 10	161:17:21	1B-084-6	251	02C-2	05	37	:40	S
JUN 10	161:17:22	1A-220	251	02C-2	05	37	02:39	S
JUN 10	161:17:22	1B-084-7	251	02C-2	05	37	:20	L
JUN 10	161:17:22	1B-084-8	251	02C-2	05	37	2:40	S
JUN 10	161:17:30	1B-085-1	251	02C-2	05	37	: 2.5	S
JUN 10	161:17:30	1B-085-2	251	02C-2	05	37	: 0.3	L
JUN 10	161:17:30	1B-085-3	251	02C-2	05	37	:10	S
JUN 10	161:17:31	1B-085-4	251	02C-2	05	37	: 1.3	L
JUN 10	161:17:31	1B-085-5	251	02C-2	05	37	:40	S
JUN 10	161:17:31	1B-085-6	251	02C-2	05	37	: 5	L
JUN 10	161:17:31	1B-085-7	251	02C-2	05	37	2:40	S
JUN 10	161:17:34	1B-085-8	251	02C-2	05	37	:20	L
JUN 10	161:17:38	1B-086-1	251	02C-2	05	37	: 0.3	L
JUN 10	161:17:38	1B-086-2	251	02C-2	05	37	: 2.5	S
JUN 10	161:17:38	1B-086-3	251	02C-2	05	37	: 1.3	L
JUN 10	161:17:38	1B-086-4	251	02C-2	05	37	:10	S
JUN 10	161:17:38	1B-086-5	251	02C-2	05	37	: 5	L
JUN 10	161:17:38	1B-086-6	251	02C-2	05	37	:40	S
JUN 10	161:17:39	1B-086-7	251	02C-2	05	37	:20	L
JUN 10	161:17:39	1B-086-8	251	02C-2	05	37	2:40	S
JUN 10	161:18:59	1A-221	252	01B-1	03	NC1	05:00	S

- Prominance P-79 activity on east limb (161:08:10). NRL OSO-7 Coronagraph detected a coronal transient, ground observation says prominence lifted off to 0.44 solar radii. S052 operated unattended.
- TVD (161:16:08) - XUV Mon real-time to MILA
- 2 Limb co-align (161:16:20) - NRL Bias: R/L +020; U/D +055
- NOAA reported "coronal rain" at northeast limb; position NE18 (exact time not recorded in log).

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
JUN 10	161:18:59	1B-087-1	252	01B-1	03	NC1	:	2.5S	
JUN 10	161:18:59	1B-087-2	252	01B-1	03	NC1	:	0.3L	
JUN 10	161:18:59	1B-087-3	252	01B-1	03	NC1	:10	S	
JUN 10	161:18:59	1B-087-4	252	01B-1	03	NC1	:	1.3L	
JUN 10	161:18:59	1B-087-5	252	01B-1	03	NC1	:40	S	
JUN 10	161:19:00	1B-087-6	252	01B-1	03	NC1	: 5	L	
JUN 10	161:19:00	1B-087-7	252	01B-1	03	NC1	2:40	S	
JUN 10	161:19:03	1B-087-8	252	01B-1	03	NC1	:20	L	
JUN 10	161:19:15	1A-222	252	01B-1	03	NC1	01:39	S	
JUN 10	161:19:15	1B-088-1	252	01B-2	03	NC1	:	0.3L	
JUN 10	161:19:15	1B-088-2	252	01B-2	03	NC1	:	2.5S	
JUN 10	161:19:15	1B-088-3	252	01B-2	03	NC1	:	1.3L	
JUN 10	161:19:15	1B-088-4	252	01B-2	03	NC1	:10	S	
JUN 10	161:19:16	1B-088-5	252	01B-2	03	NC1	: 5	L	
JUN 10	161:19:16	1B-088-6	252	01B-2	03	NC1	:40	S	
JUN 10	161:19:16	1B-088-7	252	01B-2	03	NC1	:20	L	
JUN 10	161:19:17	1B-088-8	252	01B-2	03	NC1	2:40	S	— Increasing Activity in Prominence P79 (161:20:13)
JUN 10	161:20:23	1A-223	253	01B-3	11	NC1	:19	L	
JUN 10	161:20:23	1B-089-1	253	01B-3	11	NC1	:	2.5S	
JUN 10	161:20:23	1B-089-2	253	01B-3	11	NC1	:	0.3L	
JUN 10	161:20:23	1B-089-3	253	01B-3	11	NC1	:10	S	
JUN 10	161:20:23	1B-089-4	253	01B-3	11	NC1	:	1.3L	
JUN 10	161:20:23	1B-089-5	253	01B-3	11	NC1	:40	S	
JUN 10	161:20:24	1B-089-6	253	01B-3	11	NC1	: 5	L	
JUN 10	161:20:24	1B-089-7	253	01B-3	11	NC1	2:40	S	
JUN 10	161:20:27	1B-089-8	253	01B-3	11	NC1	:20	L	
JUN 10	161:20:33	1A-224	253	01B-4	06	NC1	01:19	L	
JUN 10	161:20:33	1B-090-1	253	01B-4	06	NC1	:	0.3L	
JUN 10	161:20:33	1B-090-2	253	01B-4	06	NC1	:	2.5S	
JUN 10	161:20:33	1B-090-3	253	01B-4	06	NC1	:	1.3L	
JUN 10	161:20:33	1B-090-4	253	01B-4	06	NC1	:10	S	
JUN 10	161:20:33	1B-090-5	253	01B-4	06	NC1	: 5	L	
JUN 10	161:20:33	1B-090-6	253	01B-4	06	NC1	:40	S	
JUN 10	161:20:34	1B-090-7	253	01B-4	06	NC1	:20	L	
JUN 10	161:20:34	1B-090-8	253	01B-4	06	NC1	2:40	S	
JUN 10	161:20:50	1A-225	253	01B-5	11	NC1	:10	S	
JUN 10	161:20:50	1B-091-1	253	01B-5	11	NC1	:	2.5S	
JUN 10	161:20:50	1B-091-2	253	01B-5	11	NC1	:	0.3L	
JUN 10	161:20:50	1B-091-3	253	01B-5	11	NC1	:10	S	
JUN 10	161:20:50	1B-091-4	253	01B-5	11	NC1	:	1.3L	
JUN 10	161:20:50	1B-091-5	253	01B-5	11	NC1	:40	S	
JUN 10	161:20:51	1B-091-6	253	01B-5	11	NC1	: 5	L	
JUN 10	161:20:51	1B-091-7	253	01B-5	11	NC1	2:40	S	
JUN 10	161:20:53	1B-091-8	253	01B-5	11	NC1	:20	L	— NOAA (161:20:59): SN Flare in Active Region 31, N15, E34. Begin 20:55; Max 20:59.
JUN 10	161:21:58	1A-226	254	01B-6	06	NC1	:39	S	
JUN 10	161:21:58	1B-092-1	254	01B-6	06	NC1	:	0.3L	
JUN 10	161:21:58	1B-092-2	254	01B-6	06	NC1	:	2.5S	
JUN 10	161:21:58	1B-092-3	254	01B-6	06	NC1	:	1.3L	
JUN 10	161:21:58	1B-092-4	254	01B-6	06	NC1	:10	S	
JUN 10	161:21:58	1B-092-5	254	01B-6	06	NC1	: 5	L	
JUN 10	161:21:58	1B-092-6	254	01B-6	06	NC1	:40	S	
JUN 10	161:21:59	1B-092-7	254	01B-6	06	NC1	:20	L	
JUN 10	161:21:59	1B-092-8	254	01B-6	06	NC1	2:40	S	
JUN 10	161:22:26	1A-227	254	02B-3	07	37	:19	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 10	161:22:26	1B-093-1	254	02B-3	07	37	: 2.5	S	
JUN 10	161:22:26	1B-093-2	254	02B-3	07	37	: 0.3	L	
JUN 10	161:22:26	1B-093-3	254	02B-3	07	37	:10	S	
JUN 10	161:22:27	1B-093-4	254	02B-3	07	37	: 1.3	L	
JUN 10	161:22:27	1B-093-5	254	02B-3	07	37	:40	S	
JUN 10	161:22:27	1B-093-6	254	02B-3	07	37	: 5	L	
JUN 10	161:22:27	1B-093-7	254	02B-3	07	37	2:40	S	
JUN 10	161:22:30	1B-093-8	254	02B-3	07	37	:20	L	— NOAA (162:00:48): SN Flare in Active Region 27; Max 00:12.
JUN 11	162:01:10	1A-228	256	06 -1	01A	SC	:09	S	
JUN 11	162:01:19	1A-229	256	06 -1	01B	SC	:10	S	
JUN 11	162:01:39	1B-094-1	256	02B-3	07	31	: 0.3	L	
JUN 11	162:01:39	1B-094-2	256	02B-3	07	31	: 2.5	S	
JUN 11	162:01:39	1B-094-3	256	02B-3	07	31	: 1.3	L	
JUN 11	162:01:40	1A-230	256	02B-3	07	31	1:19	L	
JUN 11	162:01:40	1B-094-4	256	02B-3	07	31	:10	S	
JUN 11	162:01:40	1B-094-5	256	02B-3	07	31	: 5	L	
JUN 11	162:01:40	1B-094-6	256	02B-3	07	31	:40	S	
JUN 11	162:01:41	1B-094-7	256	02B-3	07	31	:20	L	
JUN 11	162:01:41	1B-094-8	256	02B-3	07	31	2:40	S	
JUN 11	162:13:42	1A-231	264	06 -1	01A	SC	03:19	L	— TVD (162:13:34) - XUV Mon Real-Time to GDS.
JUN 11	162:13:52	1A-232	264	06 -1	01	SC	03:20	L	
JUN 11	162:18:10	1A-233	267	06 -2	02	SC	:10	S	
JUN 11	162:18:30	1A-234	267	02C-2	05	37	:40	L	— Film blank when developed.
JUN 11	162:18:30	1A-235	267	02C-2	05	37	01:20	L	— 2 limb coalignment (162:18:22) - NRL Bias: R/L +020; U/D +055
JUN 11	162:18:30	1B-095-1	267	02C-2	05	37	: 2.5	S	
JUN 11	162:18:30	1B-095-2	267	02C-2	05	37	: 0.3	L	
JUN 11	162:18:30	1B-095-3	267	02C-2	05	37	:10	S	
JUN 11	162:18:31	1B-095-4	267	02C-2	05	37	: 1.3	L	
JUN 11	162:18:31	1B-095-5	267	02C-2	05	37	:40	S	
JUN 11	162:18:31	1B-095-6	267	02C-2	05	37	: 5	L	
JUN 11	162:18:31	1B-095-7	267	02C-2	05	37	2:40	S	
JUN 11	162:18:32	1A-236	267	02C-2	05	37	05:19	L	
JUN 11	162:18:34	1B-095-8	267	02C-2	05	37	:20	L	
JUN 11	162:18:39	1B-096-1	267	02C-2	05	37	: 0.3	L	
JUN 11	162:18:39	1B-096-2	267	02C-2	05	37	: 2.5	S	
JUN 11	162:18:40	1B-096-3	267	02C-2	05	37	: 1.3	L	
JUN 11	162:18:40	1B-096-4	267	02C-2	05	37	:10	S	
JUN 11	162:18:40	1B-096-5	267	02C-2	05	37	: 5	L	
JUN 11	162:18:40	1B-096-6	267	02C-2	05	37	:40	S	
JUN 11	162:18:41	1B-096-7	267	02C-2	05	37	:20	L	
JUN 11	162:18:41	1B-096-8	267	02C-2	05	37	2:40	S	
JUN 11	162:18:47	1B-097-1	267	02C-2	05	37	: 2.5	S	
JUN 11	162:18:47	1B-097-2	267	02C-2	05	37	: 0.3	L	
JUN 11	162:18:47	1B-097-3	267	02C-2	05	37	:10	S	
JUN 11	162:18:48	1B-097-4	267	02C-2	05	37	: 1.3	L	
JUN 11	162:18:48	1B-097-5	267	02C-2	05	37	:40	S	
JUN 11	162:18:48	1B-097-6	267	02C-2	05	37	: 5	L	
JUN 11	162:18:48	1B-097-7	267	02C-2	05	37	2:40	S	
JUN 11	162:18:51	1B-097-8	267	02C-2	05	37	:20	L	
JUN 11	162:19:44	1B-098-1	268	02C-5	23	37	: 0.3	L	
JUN 11	162:19:44	1B-098-2	268	02C-5	23	37	: 2.5	S	⌐ -12 $\widehat{\text{sec}}$
JUN 11	162:19:44	1B-098-3	268	02C-5	23	37	: 1.3	L	↓ Begin Limb Scan (Roll -10112; R/L +946; U/D 000)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 11	162:19:44	1B-098-4	268	02C-5	23	37	:10	S	
JUN 11	162:19:44	1B-098-5	268	02C-5	23	37	: 5	L	
JUN 11	162:19:44	1B-098-6	268	02C-5	23	37	:40	S	
JUN 11	162:19:45	1A-237	268	02C-5	23	37	48:58	L	
JUN 11	162:19:45	1B-098-7	268	02C-5	23	37	:20	L	
JUN 11	162:19:45	1B-098-8	268	02C-5	23	37	2:40	S	
JUN 11	162:19:48	1B-099-1	268	02C-5	23	37	: 0.3	L	
JUN 11	162:19:48	1B-099-2	268	02C-5	23	37	: 2.5	S	
JUN 11	162:19:48	1B-099-3	268	02C-5	23	37	: 1.3	L	
JUN 11	162:19:48	1B-099-4	268	02C-5	23	37	:10	S	-4 sec
JUN 11	162:19:48	1B-099-5	268	02C-5	23	37	: 5	L	
JUN 11	162:19:48	1B-099-6	268	02C-5	23	37	:40	S	
JUN 11	162:19:49	1B-099-7	268	02C-5	23	37	:20	L	
JUN 11	162:19:50	1B-099-8	268	02C-5	23	37	2:40	S	
JUN 11	162:19:52	1B-100-1	268	02C-5	23	37	: 0.3	L	
JUN 11	162:19:52	1B-100-2	268	02C-5	23	37	: 2.5	S	Star Tracker Update to Roll -10105
JUN 11	162:19:52	1B-100-3	268	02C-5	23	37	: 1.3	L	
JUN 11	162:19:52	1B-100-4	268	02C-5	23	37	:10	S	
JUN 11	162:19:53	1B-100-5	268	02C-5	23	37	: 5	L	-2 sec
JUN 11	162:19:53	1B-100-6	268	02C-5	23	37	:40	S	
JUN 11	162:19:53	1B-100-7	268	02C-5	23	37	:20	L	
JUN 11	162:19:54	1B-100-8	268	02C-5	23	37	2:40	S	
JUN 11	162:19:56	1B-101-1	268	02C-5	23	37	: 0.3	L	
JUN 11	162:19:57	1B-101-2	268	02C-5	23	37	: 2.5	S	
JUN 11	162:19:57	1B-101-3	268	02C-5	23	37	: 1.3	L	
JUN 11	162:19:57	1B-101-4	268	02C-5	23	37	:10	S	
JUN 11	162:19:57	1B-101-5	268	02C-5	23	37	: 5	L	0 sec
JUN 11	162:19:57	1B-101-6	268	02C-5	23	37	:40	S	
JUN 11	162:19:58	1B-101-7	268	02C-5	23	37	:20	L	
JUN 11	162:19:58	1B-101-8	268	02C-5	23	37	2:40	S	
JUN 11	162:20:01	1B-102-1	268	02C-5	23	37	: 2.5	L	TVD (162:20:00) - XUV Mon real-time to HAW
JUN 11	162:20:01	1B-102-2	268	02C-5	23	37	:10	S	
JUN 11	162:20:01	1B-102-3	268	02C-5	23	37	:10	L	
JUN 11	162:20:01	1B-102-4	268	02C-5	23	37	:40	S	+2 sec
JUN 11	162:20:02	1B-102-5	268	02C-5	23	37	:40	L	
JUN 11	162:20:03	1B-102-6	268	02C-5	23	37	2:40	S	
JUN 11	162:20:05	1B-102-7	268	02C-5	23	37	2:40	L	
JUN 11	162:20:08	1B-102-8	268	02C-5	23	37	10:40	S	
JUN 11	162:20:19	1B-103-1	268	02C-5	23	37	: 2.5	L	
JUN 11	162:20:19	1B-103-2	268	02C-5	23	37	:10	S	
JUN 11	162:20:19	1B-103-3	268	02C-5	23	37	:10	S	
JUN 11	162:20:19	1B-103-4	268	02C-5	23	37	:40	U	Predisperser between positions
JUN 11	162:20:20	1B-103-5	268	02C-5	23	37	:40	L	
JUN 11	162:20:21	1B-103-6	268	02C-5	23	37	2:40	S	+4 sec End Limb Scan
JUN 11	162:20:23	1B-103-7	268	02C-5	23	37	2:40	L	
JUN 11	162:20:26	1B-103-8	268	02C-5	23	37	7:09	S	
JUN 11	162:21:26	1A-238	269	02F-1	06	31	01:19	S	
JUN 11	162:21:26	1B-104-1	269	02F-1	06	31	7:43	S	
JUN 11	162:21:33	1B-104-2	269	02E-1	06	31	: 2.5	S	
JUN 11	162:21:33	1B-104-3	269	02F-1	06	31	: 0.3	L	
JUN 11	162:21:33	1B-104-4	269	02E-1	06	31	:10	S	
JUN 11	162:21:34	1B-104-5	269	02F-1	06	31	: 1.3	L	
JUN 11	162:21:34	1B-104-6	269	02E-1	06	31	:40	S	
JUN 11	162:21:34	1B-104-7	269	02E-1	06	31	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
JUN 11	162:21:35	1B-104-8	269	02E-1	06	31	2:40	S	
JUN 11	162:21:37	1B-105-1	269	02E-1	06	31	:20	L	
JUN 11	162:21:40	1A-239	269	02E-2	06	31	02:39	S	
JUN 11	162:21:40	1B-105-2	269	02E-2	06	31	: 0.3	L	
JUN 11	162:21:40	1B-105-3	269	02F-2	06	31	: 2.5	S	
JUN 11	162:21:40	1B-105-4	269	02F-2	06	31	: 1.3	L	
JUN 11	162:21:40	1B-105-5	269	02E-2	06	31	:10	S	
JUN 11	162:21:40	1B-105-6	269	02E-2	06	31	: 5	L	
JUN 11	162:21:40	1B-105-7	269	02E-2	06	31	:40	S	
JUN 11	162:21:41	1B-105-8	269	02E-2	06	31	:20	L	
JUN 11	162:21:41	1B-106-1	269	02F-2	06	31	2:40	S	
JUN 11	162:21:58	1B-106-2	269	OBS		QR1	: 0.3	L	
JUN 11	162:21:58	1B-106-3	269	OBS		QR1	: 2.5	S	
JUN 11	162:21:59	1B-106-4	269	OBS		QR1	: 2	U	— Predisperser between positions.
JUN 11	162:22:00	1B-106-5	269	12D-1	06	QR1	: 5	L	
JUN 11	162:22:01	1B-106-6	269	12D-1	06	QR1	:43	S	
JUN 12	163:00:26	1A-240	271	11 -2	10	31	:10	S	
JUN 12	163:00:26	1B-106-7	271	11 -2	10	31	: 2.5	S	
JUN 12	163:00:26	1B-106-8	271	11 -2	10	31	: 0.3	L	
JUN 12	163:00:26	1B-107-1	271	11 -2	10	31	:10	S	
JUN 12	163:00:26	1B-107-2	271	11 -2	10	31	: 1.3	L	
JUN 12	163:00:26	1B-107-3	271	11 -2	10	31	:40	S	
JUN 12	163:00:27	1B-107-4	271	11 -2	10	31	: 5	L	
JUN 12	163:00:27	1B-107-5	271	11 -2	10	31	2:40	S	
JUN 12	163:00:30	1B-107-6	271	11 -2	10	31	:20	L	
JUN 12	163:00:32	1B-107-7	271	11 -3	18	31	: 0.3	L	
JUN 12	163:00:32	1B-107-8	271	11 -3	18	31	: 2.5	S	
JUN 12	163:00:32	1B-108-1	271	11 -3	18	31	: 1.3	L	
JUN 12	163:00:32	1B-108-2	271	11 -3	18	31	:10	S	
JUN 12	163:00:32	1B-108-3	271	11 -3	18	31	: 5	L	
JUN 12	163:00:32	1B-108-4	271	11 -3	18	31	:40	S	
JUN 12	163:00:33	1B-108-5	271	11 -3	18	31	:20	L	
JUN 12	163:00:33	1B-108-6	271	11 -3	18	31	2:40	S	
JUN 12	163:00:36	1B-108-7	271	11 -3	18	31	: 2.5	S	
JUN 12	163:00:36	1B-108-8	271	11 -3	18	31	: 0.3	L	
JUN 12	163:00:36	1B-109-1	271	11 -3	18	31	:10	S	
JUN 12	163:00:36	1B-109-2	271	11 -3	18	31	: 1.3	L	
JUN 12	163:00:36	1B-109-3	271	11 -3	18	31	:40	S	
JUN 12	163:00:37	1B-109-4	271	11 -3	18	31	: 5	L	
JUN 12	163:00:37	1B-109-5	271	11 -3	18	31	2:40	S	
JUN 12	163:00:40	1B-109-6	271	11 -3	18	31	:20	L	
JUN 12	163:00:40	1B-109-7	271	11 -3	18	31	: 0.3	L	
JUN 12	163:00:40	1B-109-8	271	11 -3	18	31	: 2.5	S	
JUN 12	163:00:40	1B-110-1	271	11 -3	18	31	: 1.3	L	
JUN 12	163:00:40	1B-110-2	271	11 -3	18	31	:10	S	
JUN 12	163:00:41	1B-110-3	271	11 -3	18	31	: 5	L	
JUN 12	163:00:41	1B-110-4	271	11 -3	18	31	:40	S	
JUN 12	163:00:41	1B-110-5	271	11 -3	18	31	:20	L	
JUN 12	163:00:42	1B-110-6	271	11 -3	18	31	2:40	S	
JUN 12	163:00:44	1B-110-7	271	11 -3	18	31	: 2.5	S	
JUN 12	163:00:45	1B-110-8	271	11 -3	18	31	: 0.3	L	
JUN 12	163:00:45	1B-111-1	271	11 -3	18	31	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 12	163:00:45	1B-111-2	271	11 -3	18	31	:	1.3L	
JUN 12	163:00:45	1B-111-3	271	11 -3	18	31	:40	S	
JUN 12	163:00:46	1B-111-4	271	11 -3	18	31	: 5	L	
JUN 12	163:00:46	1B-111-5	271	11 -3	18	31	2:40	S	
JUN 12	163:00:48	1B-111-6	271	11 -3	18	31	:20	L	
JUN 12	163:00:50	1B-111-7	271	11 -3	18	31	:	0.3L	
JUN 12	163:00:50	1B-111-8	271	11 -3	18	31	:	2.5S	
JUN 12	163:00:50	1B-112-1	271	11 -3	18	31	:	1.3L	
JUN 12	163:00:50	1B-112-2	271	11 -3	18	31	:10	S	
JUN 12	163:00:50	1B-112-3	271	11 -3	18	31	: 5	L	
JUN 12	163:00:50	1B-112-4	271	11 -3	18	31	:40	S	
JUN 12	163:00:51	1B-112-5	271	11 -3	18	31	:20	L	
JUN 12	163:00:51	1B-112-6	271	11 -3	18	31	2:40	S	
JUN 12	163:01:01	1B-112-7	271	11 -5	10	31	:	2.5S	
JUN 12	163:01:01	1B-112-8	271	11 -5	10	31	:	0.3L	
JUN 12	163:01:01	1B-113-1	271	11 -5	10	31	:10	S	
JUN 12	163:01:02	1A-241	271	11 -5	10	31	:39	S	
JUN 12	163:01:02	1B-113-2	271	11 -5	10	31	:	1.3L	
JUN 12	163:01:02	1B-113-3	271	11 -5	10	31	:40	S	
JUN 12	163:01:02	1B-113-4	271	11 -5	10	31	: 5	L	
JUN 12	163:01:02	1B-113-5	271	11 -5	10	31	2:40	S	
JUN 12	163:01:05	1B-113-6	271	11 -5	10	31	:20	L	
JUN 12	163:01:56	1A-242	272	06 -1	01A	SC	03:19	L	SF Flare (163:02:04) max in active region 27; no x-ray.
JUN 12	163:14:32	1A-243	280	06 -1	01	SC	03:19	L	TVD (163:14:30) - XUV Mon VTR to GDS
JUN 12	163:14:45	1A-244	280	06 -1	01	SC	03:19	L	
JUN 12	163:16:01	1B-113-7	281	04 -2	03	P81	:	0.3L	
JUN 12	163:16:01	1B-113-8	281	04 -2	03	P81	:	2.5S	
JUN 12	163:16:01	1B-114-1	281	04 -2	03	P81	:	1.3L	
JUN 12	163:16:01	1B-114-2	281	04 -2	03	P81	:10	S	
JUN 12	163:16:01	1B-114-3	281	04 -2	03	P81	: 5	L	
JUN 12	163:16:01	1B-114-4	281	04 -2	03	P81	:40	S	
JUN 12	163:16:02	1A-245	281	04 -2	03	P81	04:59	L	
JUN 12	163:16:02	1B-114-5	281	04 -2	03	P81	:20	L	
JUN 12	163:16:02	1B-114-6	281	04 -2	03	P81	2:40	S	
JUN 12	163:16:19	1B-114-7	281	04 -3	03	P81	:	2.5S	
JUN 12	163:16:19	1B-114-8	281	04 -3	03	P81	:	0.3L	
JUN 12	163:16:19	1B-115-1	281	04 -3	03	P81	:10	S	
JUN 12	163:16:19	1B-115-2	281	04 -3	03	P81	:	1.3L	
JUN 12	163:16:19	1B-115-3	281	04 -3	03	P81	:40	S	
JUN 12	163:16:20	1A-246	281	04 -3	03	P81	01:40	S	
JUN 12	163:16:20	1B-115-4	281	04 -3	03	P81	: 5	L	
JUN 12	163:16:20	1B-115-5	281	04 -3	03	P81	2:40	S	
JUN 12	163:16:23	1B-115-6	281	04 -3	03	P81	:20	L	— (163:17:10) McMath reports activity in prominence P81
JUN 12	163:17:31	1B-115-7	282	04 -3	06	P81	:	0.3L	
JUN 12	163:17:31	1B-115-8	282	04 -3	06	P81	:	2.5S	
JUN 12	163:17:31	1B-116-1	282	04 -3	06	P81	:	1.3L	
JUN 12	163:17:31	1B-116-2	282	04 -3	06	P81	:10	S	
JUN 12	163:17:31	1B-116-3	282	04 -3	06	P81	: 5	L	
JUN 12	163:17:32	1A-247	282	04 -3	06	P81	:10	S	
JUN 12	163:17:32	1B-116-4	282	04 -3	06	P81	:40	S	
JUN 12	163:17:32	1B-116-5	282	04 -3	06	P81	:20	L	
JUN 12	163:17:33	1B-116-6	282	04 -3	06	P81	2:40	S	
JUN 12	163:17:48	1B-116-7	282	02B-3	07	37	:	2.5S	
JUN 12	163:17:48	1B-116-8	282	02B-2	07	37	:	0.3L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOB-ST	PB	TGT	EXP	WVL	
JUN 12	163:17:48	1B-117-1	282	02B-3	07	37	:10	S	
JUN 12	163:17:48	1B-117-2	282	02B-3	07	37	: 1.3	L	
JUN 12	163:17:48	1B-117-3	282	02B-3	07	37	:40	S	
JUN 12	163:17:49	1A-248	282	02B-3	07	37	:20	L	
JUN 12	163:17:49	1B-117-4	282	02B-3	07	37	: 5	L	
JUN 12	163:17:49	1B-117-5	282	02B-3	07	37	2:40	S	
JUN 12	163:17:52	1B-117-6	282	02B-3	07	37	:20	L	
JUN 12	163:18:01	1A-249	282	02B-3	11	37	01:19	S	
JUN 12	163:18:01	1B-117-7	282	02B-3	11	37	: 0.3	L	
JUN 12	163:18:01	1B-117-8	282	02B-3	11	37	: 2.5	S	
JUN 12	163:18:01	1B-118-1	282	02B-3	11	37	: 1.3	L	
JUN 12	163:18:01	1B-118-2	282	02B-3	11	37	:10	S	
JUN 12	163:18:01	1B-118-3	282	02B-3	11	37	: 5	L	
JUN 12	163:18:01	1B-118-4	282	02B-3	11	37	:40	S	
JUN 12	163:18:02	1B-118-5	282	02B-3	11	37	:20	L	
JUN 12	163:18:02	1B-118-6	282	02B-3	11	37	2:40	S	
JUN 12	163:19:16	1A-250	283	01D-1	03	BS1	:19	S	
JUN 12	163:19:16	1B-118-7	283	01D-1	03	BS1	: 2.5	S	
JUN 12	163:19:16	1B-118-8	283	01D-1	03	BS1	: 0.3	L	
JUN 12	163:19:16	1B-119-1	283	01D-1	03	BS1	:10	S	
JUN 12	163:19:17	1B-119-2	283	01D-1	03	BS1	: 1.3	L	
JUN 12	163:19:17	1B-119-3	283	01D-1	03	BS1	:40	S	
JUN 12	163:19:17	1B-119-4	283	01D-1	03	BS1	: 5	L	
JUN 12	163:19:17	1B-119-5	283	01D-1	03	BS1	2:40	S	
JUN 12	163:19:20	1B-119-6	283	01D-1	03	BS1	:20	L	
JUN 12	163:19:30	1A-251	283	01D-2	03	BS1	02:29	L	
JUN 12	163:19:31	1B-119-7	283	01D-2	03	BS1	: 0.3	L	
JUN 12	163:19:31	1B-119-8	283	01D-2	03	BS1	: 2.5	S	
JUN 12	163:19:32	1B-120-1	283	01D-2	03	BS1	: 1.3	L	
JUN 12	163:19:32	1B-120-2	283	01D-2	03	BS1	:10	S	
JUN 12	163:19:32	1B-120-3	283	01D-2	03	BS1	: 5	L	
JUN 12	163:19:32	1B-120-4	283	01D-2	03	BS1	:40	S	
JUN 12	163:19:33	1B-120-5	283	01D-2	03	BS1	:20	L	
JUN 12	163:19:33	1B-120-6	283	01D-2	03	BS1	2:40	S	
JUN 12	163:20:35	1A-252	284	01D-3	06	BS1	:19	L	
JUN 12	163:20:35	1B-120-7	284	01D-3	06	BS1	: 2.5	S	
JUN 12	163:20:35	1B-120-8	284	01D-3	06	BS1	: 0.3	L	
JUN 12	163:20:35	1B-121-1	284	01D-3	06	BS1	:10	S	
JUN 12	163:20:35	1B-121-2	284	01D-3	06	BS1	: 1.3	L	
JUN 12	163:20:35	1B-121-3	284	01D-3	06	BS1	:40	S	
JUN 12	163:20:36	1B-121-4	284	01D-3	06	BS1	: 5	L	
JUN 12	163:20:36	1B-121-5	284	01D-3	06	BS1	2:40	S	
JUN 12	163:20:39	1B-121-6	284	01D-3	06	BS1	:20	L	— TVD (163:20:50) - XUV Mon VTR (or real-time?) to HAW
JUN 12	163:20:53	1A-253	284	01D-4	11	BS1	04:59	L	
JUN 12	163:20:53	1B-121-7	284	01D-4	11	BS1	: 0.3	L	
JUN 12	163:20:53	1B-121-8	284	01D-4	11	BS1	: 2.5	S	
JUN 12	163:20:53	1B-122-1	284	01D-4	11	BS1	: 1.3	L	
JUN 12	163:20:53	1B-122-2	284	01D-4	11	BS1	:10	S	
JUN 12	163:20:53	1B-122-3	284	01D-4	11	BS1	: 5	L	
JUN 12	163:20:53	1B-122-4	284	01D-4	11	BS1	:40	S	
JUN 12	163:20:54	1B-122-5	284	01D-4	11	BS1	:20	L	
JUN 12	163:20:55	1B-122-6	284	01D-4	11	BS1	2:40	S	
JUN 12	163:21:02	1A-254	284	01D-5	06	BS1	01:39	L	
JUN 12	163:21:02	1B-122-7	284	01D-5	06	BS1	: 2.5	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL
JUN 12	163:21:02	1B-122-8	284	01D-5	06	BS1	: 0.3	L
JUN 12	163:21:02	1B-123-1	284	01D-5	06	BS1	:10	S
JUN 12	163:21:02	1B-123-2	284	01D-5	06	BS1	: 1.3	L
JUN 12	163:21:02	1B-123-3	284	01D-5	06	BS1	:40	S
JUN 12	163:21:03	1B-123-4	284	01D-5	06	BS1	: 5	L
JUN 12	163:21:03	1B-123-5	284	01D-5	06	BS1	2:40	S
JUN 12	163:21:06	1B-123-6	284	01D-5	06	BS1	:20	L
JUN 12	163:21:25	1A-255	284	07 -2	15	31	:10	S
JUN 12	163:21:25	1A-256	284	07 -2	15	31	:10	S
JUN 12	163:21:25	1A-257	284	07 -2	15	31	:10	S
JUN 12	163:21:25	1A-258	284	07 -2	15	31	:10	S
JUN 12	163:21:26	1B-123-7	284	07 -2	15	31	:10	S
JUN 12	163:21:26	1B-123-8	284	07 -2	15	31	:10	S
JUN 12	163:21:26	1B-124-1	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-2	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-3	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-4	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-5	284	07 -2	15	31	:10	S
JUN 12	163:21:28	1B-124-6	284	07 -2	15	31	:10	S
JUN 12	163:21:28	1B-124-7	284	07 -2	15	31	:10	S
JUN 12	163:22:09	1A-259	285	02B-1	04	31	:10	S
JUN 12	163:22:10	1A-260	285	02B-1	04	31	:40	S
JUN 12	163:22:10	1A-261	285	02B-1	04	31	02:39	S
JUN 12	163:22:21	1B-124-8	285	02B-1	04	31	: 2.5	S
JUN 12	163:22:21	1B-125-1	285	02B-1	04	31	: 0.3	L
JUN 12	163:22:21	1B-125-2	285	02B-1	04	31	:10	S
JUN 12	163:22:21	1B-125-3	285	02B-1	04	31	: 1.3	L
JUN 12	163:22:21	1B-125-4	285	02B-1	04	31	:40	S
JUN 12	163:22:22	1B-125-5	285	02B-1	04	31	: 5	L
JUN 12	163:22:22	1B-125-6	285	02B-1	04	31	2:40	S
JUN 12	163:22:25	1B-125-7	285	02B-1	04	31	:20	L
JUN 12	163:22:29	1B-125-8	285	02B-1	04	31	: 0.3	L
JUN 12	163:22:29	1B-126-1	285	02B-1	04	31	: 2.5	S
JUN 12	163:22:29	1B-126-2	285	02B-1	04	31	: 1.3	L
JUN 12	163:22:29	1B-126-3	285	02B-1	04	31	:10	S
JUN 12	163:22:30	1B-126-4	285	02B-1	04	31	: 5	L
JUN 12	163:22:30	1B-126-5	285	02B-1	04	31	:40	S
JUN 12	163:22:30	1B-126-6	285	02B-1	04	31	:20	L
JUN 12	163:22:31	1B-126-7	285	02B-1	04	31	2:40	S
JUN 12	163:22:40	1B-126-8	285	02B-1	04	31	: 2.5	S
JUN 12	163:22:40	1B-127-1	285	02B-1	04	31	: 0.3	L
JUN 12	163:22:40	1B-127-2	285	02B-1	04	31	:10	S
JUN 12	163:22:40	1B-127-3	285	02B-1	04	31	: 1.3	L
JUN 12	163:22:40	1B-127-4	285	02B-1	04	31	:40	S
JUN 12	163:22:41	1B-127-5	285	02B-1	04	31	: 5	L
JUN 12	163:22:41	1B-127-6	285	02B-1	04	31	2:40	S
JUN 12	163:22:44	1B-127-7	285	02B-1	04	31	:20	L
JUN 12	163:22:56	1B-127-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-3	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-4	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-5	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-6	285	07 -2	15	31	: 2	L

Atmospheric Extinction Study: Exposures taken on 15 second centers (the time interval between exposures varied).

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	RR	TGT	EXP	WVL
JUN 12	163:22:58	1B-128-7	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-3	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-4	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-5	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-6	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-7	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-3	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-4	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-5	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-6	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-7	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-131-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-131-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-131-3	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-4	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-5	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-6	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-7	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-8	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-1	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-2	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-3	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-4	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-5	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-6	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-7	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-8	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-133-1	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-133-2	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-3	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-4	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-5	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-6	285	07 -2	15	31	: 2	L
JUN 13	164:01:19	1A-262	287	06 -1	01	SC	01:00	L
JUN 13	164:01:28	1A-263	287	06 -1	01	SC	:59	L
JUN 13	164:15:37	1A-264	296	06 -1	01	SC	03:19	L
JUN 13	164:15:45	1A-265	296	06 -1	01	SC	03:20	L
JUN 13	164:18:19	1A-266	298	12B-1	22	37	:20	L
JUN 13	164:18:19	1A-267	298	12B-1	22	37	:10	S
JUN 13	164:18:19	1B-133-7	298	12B-1	22	37	: 0.3	L
JUN 13	164:18:19	1B-133-8	298	12B-1	22	37	: 2.5	S
JUN 13	164:18:19	1B-134-1	298	12B-1	22	37	: 1.3	L
JUN 13	164:18:19	1B-134-2	298	12B-1	22	37	:10	S
JUN 13	164:18:19	1B-134-3	298	12B-1	22	37	: 5	L
JUN 13	164:18:20	1A-268	298	12B-1	22	37	01:20	L

Atmospheric Extinction Stydy: Exposures taken on 4 second centers

NOTE: BB15 ended by fine sun sensor night signal with S082B shutter open.

TVD (164:15:33) - XUV Mon shows abundance of bright spots. Several small flares less than Class 1 in active regions 27 & 37.

(164:17:30) CALROC launches successfully.

SF Flare (164:17:59); reached in size by 18:15. X-ray went to class 4, then to class 5.

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JUP-ST	BP	TGT	EXP	WVL	
JUN 13	164:18:20	1B-134-4	298	12B-1	22	37	:40	S	
JUN 13	164:18:20	1B-134-5	298	12B-1	22	37	:20	L	
JUN 13	164:18:21	1A-269	298	12B-1	22	37	:40	S	
JUN 13	164:18:21	1B-134-6	298	12B-1	22	37	2:40	S	
JUN 13	164:18:22	1A-270	298	12B-1	22	37	05:19	L	
JUN 13	164:18:27	1A-271	298	12B-1	22	37	02:39	S	
JUN 13	164:19:55	1A-272	299	12B-2	13	LB1	01:20	L	
JUN 13	164:19:55	1B-134-7	299	12B-2	13	LB1	: 2.5	S	
JUN 13	164:19:55	1B-134-8	299	12B-2	13	LB1	: 0.3	L	
JUN 13	164:19:55	1B-135-1	299	12B-2	13	LB1	:10	S	
JUN 13	164:19:55	1B-135-2	299	12B-2	13	LB1	: 1.3	L	
JUN 13	164:19:55	1B-135-3	299	12B-2	13	LB1	:40	S	-12 sec
JUN 13	164:19:56	1A-273	299	12B-2	13	LB1	05:19	L	Begin Limb Scan (Roll +8701; R/L -942; U/D +001
JUN 13	164:19:56	1B-135-4	299	12B-2	13	LB1	: 5	L	
JUN 13	164:19:56	1B-135-5	299	12B-2	13	LB1	2:40	S	
JUN 13	164:19:58	1B-135-6	299	12B-2	13	LB1	:20	L	
JUN 13	164:19:59	1B-135-7	299	12B-2	13	LB1	: 2.5	S	
JUN 13	164:19:59	1B-135-8	299	12B-2	13	LB1	: 0.3	L	
JUN 13	164:19:59	1B-136-1	299	12B-2	13	LB1	:10	S	
JUN 13	164:19:59	1B-136-2	299	12B-2	13	LB1	: 1.3	L	
JUN 13	164:19:59	1B-136-3	299	12B-2	13	LB1	:40	S	-4 sec
JUN 13	164:20:00	1B-136-4	299	12B-2	13	LB1	: 5	L	
JUN 13	164:20:00	1B-136-5	299	12B-2	13	LB1	2:40	S	
JUN 13	164:20:02	1A-274	299	12B-2	13	LB1	21:14	L	Star Tracker update to roll 8760. (R/L and U/D unchanged.)
JUN 13	164:20:03	1B-136-6	299	12B-2	13	LB1	:20	L	
JUN 13	164:20:03	1B-136-7	299	12B-2	13	LB1	: 2.5	S	
JUN 13	164:20:03	1B-136-8	299	12B-2	13	LB1	: 0.3	U	Predisperser between positions
JUN 13	164:20:03	1B-137-1	299	12B-2	13	LB1	:10	U	
JUN 13	164:20:03	1B-137-2	299	12B-2	13	LB1	: 1.3	L	
JUN 13	164:20:03	1B-137-3	299	12B-2	13	LB1	:40	S	-2 sec
JUN 13	164:20:04	1B-137-4	299	12B-2	13	LB1	: 5	L	
JUN 13	164:20:04	1B-137-5	299	12B-2	13	LB1	2:40	S	
JUN 13	164:20:07	1B-137-6	299	12B-2	13	LB1	:20	L	
JUN 13	164:20:07	1B-137-7	299	12B-2	13	LB1	: 2.5	S	
JUN 13	164:20:07	1B-137-8	299	12B-2	13	LB1	: 0.3	L	
JUN 13	164:20:07	1B-138-1	299	12B-2	13	LB1	:10	S	Roll +8762 (R/L and U/D unchanged.)
JUN 13	164:20:08	1B-138-2	299	12B-2	13	LB1	: 1.3	L	
JUN 13	164:20:08	1B-138-3	299	12B-2	13	LB1	:40	S	0 sec
JUN 13	164:20:08	1B-138-4	299	12B-2	13	LB1	: 5	L	
JUN 13	164:20:09	1B-138-5	299	12B-2	13	LB1	2:40	S	
JUN 13	164:20:11	1B-138-6	299	12B-2	13	LB1	:20	L	
JUN 13	164:20:12	1B-138-7	299	12B-2	13	LB1	:10	S	
JUN 13	164:20:12	1B-139-8	299	12B-2	13	LB1	: 2.5	L	
JUN 13	164:20:12	1B-139-1	299	12B-2	13	LB1	:40	S	
JUN 13	164:20:13	1B-139-2	299	12B-2	13	LB1	:10	L	
JUN 13	164:20:13	1B-139-3	299	12B-2	13	LB1	2:40	S	+2 sec
JUN 13	164:20:15	1B-139-4	299	12B-2	13	LB1	:40	L	
JUN 13	164:20:16	1B-139-5	299	12B-2	13	LB1	10:40	S	
JUN 13	164:20:27	1B-139-6	299	12B-2	13	LB1	2:40	L	
JUN 13	164:20:30	1B-139-7	299	12B-2	13	LB1	:10	S	
JUN 13	164:20:30	1B-139-8	299	12B-2	13	LB1	: 2.5	L	
JUN 13	164:20:30	1B-140-1	299	12B-2	13	LB1	:40	S	
JUN 13	164:20:31	1B-140-2	299	12B-2	13	LB1	:10	L	+4 sec
JUN 13	164:20:31	1B-140-3	299	12B-2	13	LB1	2:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
JUN 13	164:20:33	1B-140-4	299	12B-2	13	LB1	:40	L	Exposure truncated for end of D/N cycle 299
JUN 13	164:20:34	1B-140-5	299	12B-2	13	LB1	7:51	S	
JUN 13	164:21:25	1B-140-6	300	12B-2	13	LB1	2:40	L	Roll +5673, Star Tracker off (R/L and U/D unchanged)
JUN 13	164:21:27	1B-140-7	300	12B-2	13	LB1	:10	S	Roll +5672; R/L -944; U/D +001
JUN 13	164:21:28	1B-140-8	300	12B-2	13	LB1	: 2.5	L	
JUN 13	164:21:28	1B-141-1	300	12B-2	13	LB1	:40	S	
JUN 13	164:21:28	1B-141-2	300	12B-2	13	LB1	:10	L	+6 sec
JUN 13	164:21:29	1B-141-3	300	12B-2	13	LB1	2:40	S	
JUN 13	164:21:31	1B-141-4	300	12B-2	13	LB1	:40	L	
JUN 13	164:21:32	1B-141-5	300	12B-2	13	LB1	10:40	S	Roll +8800 (Star Tracker update)
JUN 13	164:21:43	1B-141-6	300	12B-2	13	LB1	2:40	L	
JUN 13	164:21:45	1B-141-7	300	12B-2	13	LB1	:10	S	
JUN 13	164:21:46	1B-141-8	300	12B-2	13	LB1	: 2.5	L	
JUN 13	164:21:46	1B-142-1	300	12B-2	13	LB1	:40	S	+8 sec
JUN 13	164:21:46	1B-142-2	300	12B-2	13	LB1	:10	L	
JUN 13	164:21:47	1B-142-3	300	12B-2	13	LB1	2:40	S	
JUN 13	164:21:49	1B-142-4	300	12B-2	13	LB1	:40	L	
JUN 13	164:21:50	1B-142-5	300	12B-2	13	LB1	10:40	S	
JUN 13	164:22:01	1B-142-6	300	12B-2	13	LB1	2:40	L	
JUN 13	164:22:03	1B-142-7	300	12B-2	13	LB1	:10	S	Roll +8805 (R/L and U/D unchanged)
JUN 13	164:22:04	1B-142-8	300	12B-2	13	LB1	: 4	L	
JUN 13	164:22:04	1B-143-1	300	12B-2	13	LB1	1:04	S	
JUN 13	164:22:05	1B-143-2	300	12B-2	13	LB1	:16	L	+12 sec End Limb Scan
JUN 13	164:22:05	1B-143-3	300	12B-2	13	LB1	4:16	S	
JUN 13	164:22:09	1B-143-4	300	12B-2	13	LB1	1:04	L	
JUN 13	164:22:10	1B-143-5	300	12B-2	13	LB1	5:16	S	
JUN 13	164:22:58	1B-143-6	301	12B-3	06	LB1	: 2.5	S	
JUN 13	164:22:58	1B-143-7	301	12B-3	06	LB1	: 0.3	L	
JUN 13	164:22:58	1B-143-8	301	12B-3	06	LB1	:10	S	
JUN 13	164:22:58	1B-144-1	301	12B-3	06	LB1	: 1.3	L	
JUN 13	164:22:58	1B-144-2	301	12B-3	06	LB1	:40	S	-25 sec Limb Study
JUN 13	164:22:59	1B-144-3	301	12B-3	06	LB1	: 5	L	NOTE: Began taking exposures below 400 km. 400
JUN 13	164:22:59	1B-144-4	301	12B-3	06	LB1	2:40	S	400 km began at 23:02 or 23:03. There may
JUN 13	164:23:00	1A-275	301	12B-3	06	LB1	:09	S	be some atmospheric absorption.
JUN 13	164:23:02	1B-144-5	301	12B-3	06	LB1	:20	L	
JUN 13	164:23:13	1B-144-6	301	12B-3	06	LB1	: 0.3	L	
JUN 13	164:23:13	1B-144-7	301	12B-3	06	LB1	: 2.5	S	
JUN 13	164:23:13	1B-144-8	301	12B-3	06	LB1	: 1.3	L	
JUN 13	164:23:13	1B-145-1	301	12B-3	06	LB1	:10	S	-50 sec Limb Study
JUN 13	164:23:13	1B-145-2	301	12B-3	06	LB1	: 5	L	
JUN 13	164:23:14	1B-145-3	301	12B-3	06	LB1	:40	S	
JUN 13	164:23:14	1B-145-4	301	12B-3	06	LB1	:20	L	
JUN 13	164:23:15	1B-145-5	301	12B-3	06	LB1	2:40	S	
JUN 13	164:23:31	1B-145-6	301	12B-4	06	LB1	: 2.5	S	X-ray Flare (164:23:16) C2; max at 23:10 to 23:22; no optical
JUN 13	164:23:32	1B-145-7	301	12B-4	06	LB1	: 0.3	L	counterpart; observed by XREA and PMEC
JUN 13	164:23:32	1B-145-8	301	12B-4	06	LB1	:10	S	TVD (164:23:20 XUV MON VTR (or real time?) to GUAM.
JUN 13	164:23:32	1B-146-1	301	12B-4	06	LB1	: 1.3	L	
JUN 13	164:23:32	1B-146-2	301	12B-4	06	LB1	:40	S	-300 sec Limb Study
JUN 13	164:23:33	1B-146-3	301	12B-4	06	LB1	: 5	L	NOTE: Roll +8712, R/L and U/D were varying
JUN 13	164:23:33	1B-146-4	301	12B-4	06	LB1	2:40	S	during this sequence.
JUN 13	164:23:35	1B-146-5	301	12B-4	06	LB1	:20	L	
JUN 14	165:00:31	1A-276	302	12B-3	06	LB1	:19	L ↓	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JCP-ST	BB	TGT	EXP	WVL	
JUN 14	165:00:31	1B-146-6	302	12B-3	06	LB1	: 0.3L		-300 sec Limb Study
JUN 14	165:00:31	1B-146-7	302	12B-3	06	LB1	: 2.5S		
JUN 14	165:00:31	1B-146-8	302	12B-3	06	LB1	: 1.3L		
JUN 14	165:00:31	1B-147-1	302	12B-3	06	LB1	:10	S	
JUN 14	165:00:31	1B-147-2	302	12B-3	06	LB1	: 5	L	
JUN 14	165:00:31	1B-147-3	302	12B-3	06	LB1	:40	S	
JUN 14	165:00:32	1B-147-4	302	12B-3	06	LB1	:20	L	
JUN 14	165:00:33	1B-147-5	302	12B-3	06	LB1	2:40	S	X-ray Flare (165:00:54) C2; max 00:53; no optical counterpart
JUN 14	165:00:58	1A-277	302	06 -1	01	SC	01:39	L	Post flare exposures
JUN 14	165:01:06	1A-278	302	06 -1	01	SC	01:39	L	
JUN 14	165:06:52	1A-279	306	UNA		UNK	:20	L	
JUN 14	165:06:52	1A-280	306	UNA		UNK	:10	S	
JUN 14	165:06:52	1A-281	306	UNA		UNK	01:20	L	
JUN 14	165:06:53	1A-282	306	UNA		UNK	:40	S	
JUN 14	165:06:54	1A-283	306	UNA		UNK	05:19	L	
JUN 14	165:06:59	1A-284	306	UNA		UNK	02:39	S	
JUN 14	165:13:22	1A-285	310	06 -1	01	SC	03:19	L	
JUN 14	165:13:39	1A-286	310	06 -1	01	SC	03:19	L	
JUN 14	165:17:40	1A-287	313	02A-7	10	37	:21	L	
JUN 14	165:17:40	1B-147-6	313	02A-7	10	37	: 2.5S		
JUN 14	165:17:40	1B-147-7	313	02A-7	10	37	: 0.3L		
JUN 14	165:17:40	1B-147-8	313	02A-7	10	37	:10	S	
JUN 14	165:17:40	1B-148-1	313	02A-7	10	37	: 1.3L		
JUN 14	165:17:40	1B-148-2	313	02A-7	10	37	:40	S	
JUN 14	165:17:41	1B-148-3	313	02A-7	10	37	: 5	L	
JUN 14	165:17:41	1B-148-4	313	02A-7	10	37	2:40	S	
JUN 14	165:17:44	1B-148-5	313	02A-7	10	37	:20	L	
JUN 14	165:17:48	1A-288	313	02A-6	07	37	01:20	L	
JUN 14	165:17:51	1B-148-6	313	02A-6	07	37	: 0.3L		
JUN 14	165:17:51	1B-148-7	313	02A-6	07	37	: 2.5S		
JUN 14	165:17:51	1B-148-8	313	02A-6	07	37	: 1.3L		
JUN 14	165:17:51	1B-149-1	313	02A-6	07	37	:10	S	
JUN 14	165:17:52	1B-149-2	313	02A-6	07	37	: 5	L	
JUN 14	165:17:52	1B-149-3	313	02A-6	07	37	:40	S	
JUN 14	165:17:52	1B-149-4	313	02A-6	07	37	:20	L	
JUN 14	165:17:53	1B-149-5	313	02A-6	07	37	2:40	S	
JUN 14	165:19:09	1A-289	314	02A-1	04	37	:10	S	
JUN 14	165:19:09	1A-290	314	02A-1	04	37	:40	S	
JUN 14	165:19:10	1A-291	314	02A-1	04	37	02:39	S	
JUN 14	165:19:18	1B-149-6	314	02A-1	04	37	: 2.5S		Roll varied between -4675 and -4898 during this sequence. (R/L +075; U/D +549)
JUN 14	165:19:18	1B-149-7	314	02A-1	04	37	: 0.3L		
JUN 14	165:19:18	1B-149-8	314	02A-1	04	37	:10	S	
JUN 14	165:19:19	1B-150-1	314	02A-1	04	37	: 1.3L		
JUN 14	165:19:19	1B-150-2	314	02A-1	04	37	:40	S	
JUN 14	165:19:19	1B-150-3	314	02A-1	04	37	: 5	L	
JUN 14	165:19:19	1B-150-4	314	02A-1	04	37	2:40	S	
JUN 14	165:19:22	1B-150-5	314	02A-1	04	37	:20	L	
JUN 14	165:19:26	1B-150-6	314	02A-1	04	37	: 0.3L		Roll varied between -4827 and -4963 during this sequence. (R/L +024; U/D +651)
JUN 14	165:19:26	1B-150-7	314	02A-1	04	37	: 2.5S		
JUN 14	165:19:26	1B-150-8	314	02A-1	04	37	: 1.3L		
JUN 14	165:19:26	1B-151-1	314	02A-1	04	37	:10	S	
JUN 14	165:19:26	1B-151-2	314	02A-1	04	37	: 5	L	
JUN 14	165:19:26	1B-151-3	314	02A-1	04	37	:40	S	
JUN 14	165:19:27	1B-151-4	314	02A-1	04	37	:20	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	L/N	JOP-ST	BR	TGT	EXP	WVL	
JUN 14	165:19:27	1B-151-5	314	02A-1	04	37	2:40	S	
JUN 14	165:19:39	1B-151-6	314	02A-1	04	37	: 2.5	S	
JUN 14	165:19:39	1B-151-7	314	02A-1	04	37	: 0.3	L	
JUN 14	165:19:39	1B-151-8	314	02A-1	04	37	:10	S	
JUN 14	165:19:39	1B-152-1	314	02A-1	04	37	: 1.3	L	
JUN 14	165:19:39	1B-152-2	314	02A-1	04	37	:40	S	
JUN 14	165:19:40	1B-152-3	314	02A-1	04	37	: 5	L	
JUN 14	165:19:40	1B-152-4	314	02A-1	04	37	2:40	S	
JUN 14	165:19:43	1B-152-5	314	02A-1	04	37	:20	L	
JUN 14	165:19:48	1A-292	314	06 -2	02	SC	05:20	L	
JUN 14	165:20:44	1A-293	315	02A-1	04	37	:10	S	
JUN 14	165:20:44	1A-294	315	02A-1	04	37	:40	S	
JUN 14	165:20:45	1A-295	315	02A-1	04	37	02:39	S	
JUN 14	165:20:53	1B-152-6	315	02A-1	04	37	: 0.3	L	
JUN 14	165:20:53	1B-152-7	315	02A-1	04	37	: 2.5	S	
JUN 14	165:20:53	1B-152-8	315	02A-1	04	37	: 1.3	L	
JUN 14	165:20:53	1B-153-1	315	02A-1	04	37	:10	S	
JUN 14	165:20:53	1B-153-2	315	02A-1	04	37	: 5	L	
JUN 14	165:20:53	1B-153-3	315	02A-1	04	37	:40	S	
JUN 14	165:20:54	1B-153-4	315	02A-1	04	37	:20	L	
JUN 14	165:20:54	1B-153-5	315	02A-1	04	37	2:40	S	
JUN 14	165:21:00	1B-153-6	315	02A-1	04	37	: 2.5	S	
JUN 14	165:21:00	1B-153-7	315	02A-1	04	37	: 0.3	L	
JUN 14	165:21:00	1B-153-8	315	02A-1	04	37	:10	S	
JUN 14	165:21:01	1B-154-1	315	02A-1	04	37	: 1.3	L	
JUN 14	165:21:01	1B-154-2	315	02A-1	04	37	:40	S	
JUN 14	165:21:01	1B-154-3	315	02A-1	04	37	: 5	L	
JUN 14	165:21:01	1B-154-4	315	02A-1	04	37	2:40	S	
JUN 14	165:21:04	1B-154-5	315	02A-1	04	37	:20	L	— SF Flare (165:21:05); C1 max at 21:05
JUN 14	165:21:21	1B-154-6	315	04 -8	11	F79	: 0.3	L	
JUN 14	165:21:21	1B-154-7	315	04 -8	11	F79	: 2.5	S	
JUN 14	165:21:21	1B-154-8	315	04 -8	11	F79	: 1.3	L	
JUN 14	165:21:21	1B-155-1	315	04 -8	11	F79	:10	S	
JUN 14	165:21:21	1B-155-2	315	04 -8	11	F79	: 5	L	
JUN 14	165:21:21	1B-155-3	315	04 -8	11	F79	:40	S	
JUN 14	165:21:22	1A-296	315	02A-1	04	37	:20	L	
JUN 14	165:21:22	1A-297	315	02A-1	04	37	01:20	L	
JUN 14	165:21:22	1B-155-4	315	04 -8	11	F79	:20	L	
JUN 14	165:21:22	1B-155-5	315	04 -8	11	F79	2:40	S	
JUN 14	165:21:23	1A-298	315	04 -8	11	F79	03:35	L	
JUN 14	165:22:16	1A-299	316	04 -7	06	F79	:20	L	
JUN 14	165:22:16	1B-155-6	316	04 -7	06	F79	: 2.5	S	
JUN 14	165:22:16	1B-155-7	316	04 -7	06	F79	: 0.3	L	
JUN 14	165:22:16	1B-155-8	316	04 -7	06	F79	:10	S	
JUN 14	165:22:16	1B-156-1	316	04 -7	06	F79	: 1.3	L	
JUN 14	165:22:16	1B-156-2	316	04 -7	06	F79	:40	S	
JUN 14	165:22:17	1B-156-3	316	04 -7	06	F79	: 5	L	
JUN 14	165:22:17	1B-156-4	316	04 -7	06	F79	2:40	S	
JUN 14	165:22:20	1B-156-5	316	04 -7	06	F79	:20	L	
JUN 14	165:23:51	1A-300	317	06 -1	01	SC	:49	L	
JUN 14	165:23:59	1A-402	317	06 -1	01	SC	:49	L	
JUN 15	166:05:06	1A-301	320	UNA		SC	:20	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	P/N	JOP-ST	BP	TGT	EXP	WVL
JUN 15	166:05:06	1A-302	320	UNA		SC	:10	S
JUN 15	166:05:06	1A-303	320	UNA		SC	01:20	L
JUN 15	166:05:08	1A-304	320	UNA		SC	:40	S
JUN 15	166:05:09	1A-305	320	UNA		SC	02:39	S
JUN 15	166:05:11	1A-306	320	UNA		SC	05:19	L
JUN 15	166:10:56	1A-307	324	06	-1 01	SC	03:20	L
JUN 15	166:11:04	1A-308	324	06	-1 01	SC	03:19	L
JUN 15	166:12:18	1A-309	325	04	-6 03	F79	:20	L
JUN 15	166:12:18	1B-156-6	325	04	-6 03	F79	: 0.3	L
JUN 15	166:12:18	1B-156-7	325	04	-6 03	F79	: 2.5	S
JUN 15	166:12:18	1B-156-8	325	04	-6 03	F79	: 1.3	L
JUN 15	166:12:18	1B-157-1	325	04	-6 03	F79	:10	S
JUN 15	166:12:18	1B-157-2	325	04	-6 03	F79	: 5	L
JUN 15	166:12:18	1B-157-3	325	04	-6 03	F79	:40	S
JUN 15	166:12:19	1B-157-4	325	04	-6 03	F79	:20	L
JUN 15	166:12:20	1B-157-5	325	04	-6 03	F79	2:40	S
JUN 15	166:12:42	1B-157-6	325	04	-7 06	F79	: 2.5	S
JUN 15	166:12:42	1B-157-7	325	04	-7 06	F79	: 0.3	L
JUN 15	166:12:42	1B-157-8	325	04	-7 06	F79	:10	S
JUN 15	166:12:42	1B-158-1	325	04	-7 06	F79	: 1.3	L
JUN 15	166:12:42	1B-158-2	325	04	-7 06	F79	:40	S
JUN 15	166:12:43	1B-158-3	325	04	-7 06	F79	: 5	L
JUN 15	166:12:43	1B-158-4	325	04	-7 06	F79	2:40	S
JUN 15	166:12:46	1B-158-5	325	04	-7 06	F79	:20	L
JUN 15	166:12:59	1A-310	325	04	-7 06	F79	:02	S
JUN 15	166:13:05	1B-158-6	325	07	-2 15	41	: 5	S
JUN 15	166:13:05	1B-158-7	325	07	-2 15	41	: 5	S
JUN 15	166:13:05	1B-158-8	325	07	-2 15	41	: 5	S
JUN 15	166:13:06	1B-159-1	325	07	-2 15	41	: 5	S
JUN 15	166:13:06	1B-159-2	325	07	-2 15	41	: 5	S
JUN 15	166:13:06	1B-159-3	325	07	-2 15	41	: 5	S
JUN 15	166:13:06	1B-159-4	325	07	-2 15	41	: 5	S
JUN 15	166:13:06	1B-159-5	325	07	-2 15	41	: 5	S
JUN 15	166:13:06	1B-159-6	325	07	-2 15	41	: 5	S
JUN 15	166:13:07	1B-159-7	325	07	-2 15	41	: 5	S
JUN 15	166:13:07	1B-159-8	325	07	-2 15	41	: 5	S
JUN 15	166:13:07	1B-160-1	325	07	-2 15	41	: 5	S
JUN 15	166:13:07	1B-160-2	325	07	-2 15	41	: 5	S
JUN 15	166:13:07	1B-160-3	325	07	-2 15	41	: 5	S
JUN 15	166:13:07	1B-160-4	325	07	-2 15	41	: 5	S
JUN 15	166:13:08	1B-160-5	325	07	-2 15	41	: 5	S
JUN 15	166:13:08	1B-160-6	325	07	-2 15	41	: 5	S
JUN 15	166:13:08	1B-160-7	325	07	-2 15	41	: 5	S
JUN 15	166:13:08	1B-160-8	325	07	-2 15	41	: 5	S
JUN 15	166:13:08	1B-161-1	325	07	-2 15	41	: 5	S
JUN 15	166:13:08	1B-161-2	325	07	-2 15	41	: 5	S
JUN 15	166:13:09	1B-161-3	325	07	-2 15	41	: 5	S
JUN 15	166:13:09	1B-161-4	325	07	-2 15	41	: 5	S
JUN 15	166:13:09	1B-161-5	325	07	-2 15	41	: 5	S
JUN 15	166:13:09	1B-161-6	325	07	-2 15	41	: 5	S
JUN 15	166:13:09	1B-161-7	325	07	-2 15	41	: 5	S
JUN 15	166:13:09	1B-161-8	325	07	-2 15	41	: 5	S
JUN 15	166:13:10	1B-162-1	325	07	-2 15	41	: 5	S
JUN 15	166:13:10	1B-162-2	325	07	-2 15	41	: 5	S

Atmospheric Extinction Study: Exposures taken on 10 second centers

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 15	166:13:52	1A-311	326	04 -2	03	P84	01:19	L	
JUN 15	166:13:52	1B-162-3	326	04 -2	03	P34	: 2.5	S	
JUN 15	166:13:52	1B-162-4	326	04 -2	03	P34	: 0.3	L	
JUN 15	166:13:52	1B-162-5	326	04 -2	03	P34	:10	S	
JUN 15	166:13:52	1B-162-6	326	04 -2	03	P34	: 1.3	L	
JUN 15	166:13:52	1B-162-7	326	04 -2	03	P34	:40	S	
JUN 15	166:13:53	1B-162-8	326	04 -2	03	P34	: 5	L	
JUN 15	166:13:53	1B-163-1	326	04 -2	03	P34	2:40	S	
JUN 15	166:13:56	1B-163-2	326	04 -2	03	P34	:20	L	
JUN 15	166:14:08	1B-163-3	326	04 -3	06	P34	: 0.3	L	
JUN 15	166:14:08	1B-163-4	326	04 -3	06	P34	: 2.5	S	
JUN 15	166:14:08	1B-163-5	326	04 -3	06	P34	: 1.3	L	
JUN 15	166:14:08	1B-163-6	326	04 -3	06	P34	:10	S	
JUN 15	166:14:08	1B-163-7	326	04 -3	06	P34	: 5	L	
JUN 15	166:14:08	1B-163-8	326	04 -3	06	P34	:40	S	
JUN 15	166:14:09	1B-164-1	326	04 -3	06	P34	:20	L	
JUN 15	166:14:10	1B-164-2	326	04 -3	06	P34	:43	S	
JUN 15	166:14:11	1A-312	326	03A	08	31	:03	S	Begin 1B Flare Observation
JUN 15	166:14:11	1A-313	326	03A	08	31	:10	S	
JUN 15	166:14:11	1A-314	326	03A	08	31	:40	S	
JUN 15	166:14:11	1B-164-3	326	03A	08	31	: 0.3	S	
JUN 15	166:14:11	1B-164-4	326	03A	08	31	: 1.3	S	
JUN 15	166:14:11	1B-164-5	326	03A	08	31	: 5	S	
JUN 15	166:14:11	1B-164-6	326	03A	08	31	:20	S	
JUN 15	166:14:12	1A-315	326	03A	08	31	:05	L	Begin 1N Flare Observation
JUN 15	166:14:12	1A-316	326	03A	08	31	:20	L	
JUN 15	166:14:12	1B-164-7	326	03A	08	31	: 0.3	S	
JUN 15	166:14:12	1B-164-8	326	03A	08	31	: 1.3	S	
JUN 15	166:14:12	1B-165-1	326	03A	08	31	: 5	S	
JUN 15	166:14:12	1B-165-2	326	03A	08	31	:20	S	
JUN 15	166:14:12	1B-165-3	326	03A	08	31	: 0.2	L	
JUN 15	166:14:12	1B-165-4	326	03A	08	31	: 0.6	L	
JUN 15	166:14:12	1B-165-5	326	03A	08	31	: 2.5	L	
JUN 15	166:14:12	1B-165-6	326	03A	08	31	:10	L	
JUN 15	166:14:12	1B-165-7	326	03A	08	31	: 0.3	S	
JUN 15	166:14:12	1B-165-8	326	03A	08	31	: 1.3	S	
JUN 15	166:14:12	1B-166-1	326	03A	08	31	: 5	S	
JUN 15	166:14:12	1B-166-2	326	03A	08	31	:20	S	
JUN 15	166:14:13	1A-317	326	03A	08	31	01:20	L	
JUN 15	166:14:13	1B-166-3	326	03A	08	31	: 0.3	S	
JUN 15	166:14:13	1B-166-4	326	03A	08	31	: 1.3	S	
JUN 15	166:14:13	1B-166-5	326	03A	08	31	: 5	S	
JUN 15	166:14:13	1B-166-6	326	03A	08	31	:20	S	
JUN 15	166:14:13	1B-166-7	326	03A	08	31	: 0.2	L	
JUN 15	166:14:13	1B-166-8	326	03A	08	31	: 0.6	L	
JUN 15	166:14:13	1B-167-1	326	03A	08	31	: 2.5	L	
JUN 15	166:14:13	1B-167-2	326	03A	08	31	:10	L	
JUN 15	166:14:14	1A-318	326	03A	08	31	:02	S	
JUN 15	166:14:14	1A-319	326	03A	08	31	:10	S	
JUN 15	166:14:14	1A-320	326	03A	08	31	:40	S	
JUN 15	166:14:14	1B-167-3	326	03A	08	31	: 1.3	S	
JUN 15	166:14:14	1B-167-4	326	03A	08	31	: 5	S	
JUN 15	166:14:14	1B-167-5	326	03A	08	31	:20	S	
JUN 15	166:14:14	1B-167-6	326	03A	08	31	1:20	S	

Flare (166:14:01): Roll -10228; R/L -410; U/D -365
(Flare and Flare Fall during D/N 326)

	M5 X-ray	1B/1N Optical - Hα
Start	14:01	14:01
Max	14:13	14:13
End	14:24	14:53

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
JUN 15	166:14:15	1A-321	326	03A	08	31	:10	S	
JUN 15	166:14:15	1A-322	326	03A	08	31	:40	S	
JUN 15	166:14:15	1B-167-7	326	03A	08	31	: 0.2	L	
JUN 15	166:14:15	1B-167-8	326	03A	08	31	: 0.6	L	
JUN 15	166:14:15	1B-168-1	326	03A	08	31	: 2.5	L	
JUN 15	166:14:15	1B-168-2	326	03A	08	31	:10	L	
JUN 15	166:14:16	1A-323	326	03A	08	31	02:39	S	
JUN 15	166:14:18	1A-324	326	03A	08	31	:10	L	
JUN 15	166:14:18	1B-168-3	326	03A	08	31	: 1.3	S	
JUN 15	166:14:18	1B-168-4	326	03A	08	31	: 5	S	
JUN 15	166:14:18	1B-168-5	326	03A	08	31	:20	S	
JUN 15	166:14:18	1B-168-6	326	03A	08	31	1:20	S	
JUN 15	166:14:19	1A-325	326	03A	08	31	:40	L	
JUN 15	166:14:19	1A-326	326	03A	08	31	02:39	L	
JUN 15	166:14:19	1B-168-7	326	03A	08	31	: 0.2	L	
JUN 15	166:14:19	1B-168-8	326	03A	08	31	: 0.6	L	
JUN 15	166:14:19	1B-169-1	326	03A	08	31	: 2.5	L	
JUN 15	166:14:20	1B-169-2	326	03A	08	31	:10	L	
JUN 15	166:14:22	1A-327	326	03A	08	31	:02	S	
JUN 15	166:14:22	1A-328	326	03A	08	31	:10	S	
JUN 15	166:14:22	1A-329	326	03A	08	31	:40	S	
JUN 15	166:14:22	1B-169-3	326	03A	08	31	: 1.3	S	
JUN 15	166:14:22	1B-169-4	326	03A	08	31	: 5	S	
JUN 15	166:14:22	1B-169-5	326	03A	08	31	:20	S	
JUN 15	166:14:22	1B-169-6	326	03A	08	31	1:20	S	
JUN 15	166:14:23	1A-330	326	03A	08	31	:10	S	
JUN 15	166:14:23	1A-331	326	03A	08	31	:40	S	
JUN 15	166:14:24	1A-332	326	03A	08	31	02:39	S	
JUN 15	166:14:24	1B-169-7	326	03A	08	31	: 0.2	L	
JUN 15	166:14:24	1B-169-8	326	03A	08	31	: 0.6	L	
JUN 15	166:14:24	1B-170-1	326	03A	08	31	: 2.5	L	
JUN 15	166:14:24	1B-170-2	326	03A	08	31	:10	L	
JUN 15	166:14:25	1B-170-3	326	03A	08	31	: 0.3	S	
JUN 15	166:14:25	1B-170-4	326	03A	08	31	: 1.3	S	
JUN 15	166:14:25	1B-170-5	326	03A	08	31	: 5	S	Flare (Continued)
JUN 15	166:14:25	1B-170-6	326	03A	08	31	:20	S	
JUN 15	166:14:26	1B-170-7	326	03A	08	31	: 0.3	S	
JUN 15	166:14:26	1B-170-8	326	03A	08	31	: 1.3	S	
JUN 15	166:14:26	1B-171-1	326	03A	08	31	: 5	S	
JUN 15	166:14:26	1B-171-2	326	03A	08	31	:20	S	
JUN 15	166:14:26	1B-171-3	326	03A	08	31	: 0.2	L	
JUN 15	166:14:26	1B-171-4	326	03A	08	31	: 0.6	L	
JUN 15	166:14:26	1B-171-5	326	03A	08	31	: 2.5	L	
JUN 15	166:14:26	1B-171-6	326	03A	08	31	:10	L	
JUN 15	166:14:27	1A-333	326	03A	08	31	:10	L	
JUN 15	166:14:27	1A-334	326	03A	08	31	:40	L	
JUN 15	166:14:27	1B-171-7	326	03A	08	31	: 0.3	S	
JUN 15	166:14:27	1B-171-8	326	03A	08	31	: 1.3	S	
JUN 15	166:14:27	1B-172-1	326	03A	08	31	: 5	S	
JUN 15	166:14:27	1B-172-2	326	03A	08	31	:20	S	
JUN 15	166:14:27	1B-172-3	326	03A	08	31	: 0.3	S	
JUN 15	166:14:27	1B-172-4	326	03A	08	31	: 1.3	S	
JUN 15	166:14:27	1B-172-5	326	03A	08	31	: 5	S	
JUN 15	166:14:27	1B-172-6	326	03A	08	31	:20	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
JUN 15	166:14:27	1B-172-7	326	03A	08	31	:	0.2L	
JUN 15	166:14:28	1A-335	326	03A	08	31	02:39	L	
JUN 15	166:14:28	1B-172-8	326	03A	08	31	:	0.6L	
JUN 15	166:14:28	1B-173-1	326	03A	08	31	:	2.5L	
JUN 15	166:14:28	1B-173-2	326	03A	08	31	:10	L	
JUN 15	166:14:28	1B-173-3	326	03A	08	31	:	1.3S	
JUN 15	166:14:28	1B-173-4	326	03A	08	31	: 5	S	
JUN 15	166:14:28	1B-173-5	326	03A	08	31	:20	S	
JUN 15	166:14:28	1B-173-6	326	03A	08	31	1:20	S	
JUN 15	166:14:30	1B-173-7	326	03A	08	31	:	0.2L	
JUN 15	166:14:30	1B-173-8	326	03A	08	31	:	0.6L	
JUN 15	166:14:30	1B-174-1	326	03A	08	31	:	2.5L	Flare (Continued)
JUN 15	166:14:30	1B-174-2	326	03A	08	31	:10	L	
JUN 15	166:14:32	1B-174-3	326	03A	08	31	:	1.3S	
JUN 15	166:14:32	1B-174-4	326	03A	08	31	: 5	S	
JUN 15	166:14:32	1B-174-5	326	03A	08	31	:20	S	
JUN 15	166:14:32	1B-174-6	326	03A	08	31	1:20	S	
JUN 15	166:14:33	1A-336	326	03A	08	31	:02	S	
JUN 15	166:14:33	1A-337	326	03A	08	31	:10	S	
JUN 15	166:14:34	1A-338	326	03A	08	31	:40	S	
JUN 15	166:14:34	1A-339	326	03A	08	31	:05	L	
JUN 15	166:14:34	1A-340	326	03A	08	31	:20	L	
JUN 15	166:14:34	1B-174-7	326	03A	08	31	:	0.2L	
JUN 15	166:14:34	1B-174-8	326	03A	08	31	:	0.6L	
JUN 15	166:14:34	1B-175-1	326	03A	08	31	:	2.5L	
JUN 15	166:14:34	1B-175-2	326	03A	08	31	:10	L	
JUN 15	166:14:35	1A-341	326	03A	08	31	01:20	L	
JUN 15	166:14:36	1A-342	326	03A	08	31	:02	S	
JUN 15	166:14:36	1A-343	326	03A	08	31	:10	S	
JUN 15	166:14:36	1A-344	326	03A	08	31	:40	S	
JUN 15	166:14:36	1B-175-3	326	03A	08	31	:	1.3S	
JUN 15	166:14:36	1B-175-4	326	03A	08	31	: 5	S	
JUN 15	166:14:36	1B-175-5	326	03A	08	31	:20	S	
JUN 15	166:14:36	1B-175-6	326	03A	08	31	1:20	S	
JUN 15	166:14:37	1A-345	326	03A	08	31	:10	S	
JUN 15	166:14:37	1A-346	326	03A	08	31	:40	S	
JUN 15	166:14:38	1A-347	326	03A	08	31	:12	S	
JUN 15	166:14:38	1B-175-7	326	03A	08	31	:	0.2L	
JUN 15	166:14:38	1B-175-8	326	03A	08	31	:	0.6L	
JUN 15	166:14:38	1B-176-1	326	03A	08	31	:	2.5L	
JUN 15	166:14:38	1B-176-2	326	03A	08	31	:10	L	First Auto Mode
JUN 15	166:15:21	1B-176-3	327	03A	08	31	:	0.3L	
JUN 15	166:15:21	1B-176-4	327	03A	08	31	:	2.5S	
JUN 15	166:15:22	1A-348	327	03A	08	31	:10	S	
JUN 15	166:15:22	1B-176-5	327	03A	08	31	:	1.3L	
JUN 15	166:15:22	1B-176-6	327	03A	08	31	:10	S	
JUN 15	166:15:22	1B-176-7	327	03A	08	31	: 5	L	
JUN 15	166:15:22	1B-176-8	327	03A	08	31	:40	S	
JUN 15	166:15:23	1B-177-1	327	03A	08	31	:20	L	
JUN 15	166:15:23	1B-177-2	327	03A	08	31	2:40	S	
JUN 15	166:15:32	1A-349	327	03A	08	31	:10	S	Second Auto Mode
JUN 15	166:15:32	1B-177-3	327	03A	08	31	:	2.5S	
JUN 15	166:15:32	1B-177-4	327	03A	08	31	:	0.3L	
JUN 15	166:15:32	1B-177-5	327	03A	08	31	:10	S	Post Flare Observation (5 auto modes during D/N 327)

Roll -9532; R/L -363; U/D -464
Star Tracker Update (165:15:31)
Roll -9565; R/L -363; U/D -464

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	RP	TGT	EXP	WVL	
JUN 15	166:15:32	1B-177-6	327	03A	08	31	: 1.3	L	
JUN 15	166:15:32	1B-177-7	327	03A	08	31	:40	S	
JUN 15	166:15:33	1B-177-8	327	03A	08	31	: 5	L	
JUN 15	166:15:33	1B-178-1	327	03A	08	31	2:40	S	
JUN 15	166:15:36	1B-178-2	327	03A	08	31	:20	L	
JUN 15	166:15:42	1A-350	327	03A	08	31	:09	S	Third Auto Mode
JUN 15	166:15:42	1B-178-3	327	03A	08	31	: 0.3	L	
JUN 15	166:15:42	1B-178-4	327	03A	08	31	: 2.5	S	
JUN 15	166:15:42	1B-178-5	327	03A	08	31	: 1.3	L	
JUN 15	166:15:42	1B-178-6	327	03A	08	31	:10	S	
JUN 15	166:15:43	1B-178-7	327	03A	08	31	: 5	L	
JUN 15	166:15:43	1B-178-8	327	03A	08	31	:40	S	
JUN 15	166:15:44	1B-179-1	327	03A	08	31	:20	L	
JUN 15	166:15:44	1B-179-2	327	03A	08	31	2:40	S	
JUN 15	166:15:53	1A-351	327	03A	08	31	:09	S	Fourth Auto Mode
JUN 15	166:15:53	1B-179-3	327	03A	08	31	: 2.5	S	
JUN 15	166:15:53	1B-179-4	327	03A	08	31	: 0.3	L	
JUN 15	166:15:53	1B-179-5	327	03A	08	31	:10	S	
JUN 15	166:15:53	1B-179-6	327	03A	08	31	: 1.3	L	
JUN 15	166:15:53	1B-179-7	327	03A	08	31	:40	S	
JUN 15	166:15:54	1B-179-8	327	03A	08	31	: 5	L	
JUN 15	166:15:54	1B-180-1	327	03A	08	31	2:40	S	
JUN 15	166:15:57	1B-180-2	327	03A	08	31	:20	L	
JUN 15	166:16:05	1A-352	327	03A	08	31	:10	S	Fifth Auto Mode
JUN 15	166:16:05	1B-180-3	327	03A	08	31	: 0.3	L	
JUN 15	166:16:05	1B-180-4	327	03A	08	31	: 2.5	S	
JUN 15	166:16:05	1B-180-5	327	03A	08	31	: 1.3	L	
JUN 15	166:16:05	1B-180-6	327	03A	08	31	:10	S	
JUN 15	166:16:06	1B-180-7	327	03A	08	31	: 5	L	
JUN 15	166:16:06	1B-180-8	327	03A	08	31	:40	S	
JUN 15	166:16:06	1B-181-1	327	03A	08	31	:20	L	
JUN 15	166:16:07	1B-181-2	327	03A	08	31	2:40	S	
JUN 15	166:16:55	1A-353	328	02A-1	04	37	:03	S	
JUN 15	166:16:55	1A-354	328	02A-1	04	37	:10	S	
JUN 15	166:16:55	1A-355	328	02A-1	04	37	:40	S	
JUN 15	166:17:02	1B-181-3	328	02A-1	04	37	: 2.5	S	
JUN 15	166:17:02	1B-181-4	328	02A-1	04	37	: 0.3	L	
JUN 15	166:17:02	1B-181-5	328	02A-1	04	37	:10	S	
JUN 15	166:17:02	1B-181-6	328	02A-1	04	37	: 1.3	L	
JUN 15	166:17:03	1B-181-7	328	02A-1	04	37	:40	S	
JUN 15	166:17:03	1B-181-8	328	02A-1	04	37	: 5	L	
JUN 15	166:17:03	1B-182-1	328	02A-1	04	37	2:40	S	
JUN 15	166:17:06	1B-182-2	328	02A-1	04	37	:20	L	
JUN 15	166:17:09	1B-182-3	328	02A-1	04	37	: 0.3	L	
JUN 15	166:17:09	1B-182-4	328	02A-1	04	37	: 2.5	S	
JUN 15	166:17:09	1B-182-5	328	02A-1	04	37	: 1.3	L	
JUN 15	166:17:09	1B-182-6	328	02A-1	04	37	:10	S	
JUN 15	166:17:09	1B-182-7	328	02A-1	04	37	: 5	L	
JUN 15	166:17:09	1B-182-8	328	02A-1	04	37	:40	S	
JUN 15	166:17:10	1B-183-1	328	02A-1	04	37	:20	L	
JUN 15	166:17:11	1B-183-2	328	02A-1	04	37	2:40	S	
JUN 15	166:17:22	1B-183-3	328	02A-1	04	37	: 2.5	S	
JUN 15	166:17:22	1B-183-4	328	02A-1	04	37	: 0.3	L	
JUN 15	166:17:22	1B-183-5	328	02A-1	04	37	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 15	166:17:23	1B-183-6	328	02A-1	04	37	: 1.3	L	
JUN 15	166:17:23	1B-183-7	328	02A-1	04	37	:40	S	
JUN 15	166:17:23	1B-183-8	328	02A-1	04	37	: 5	L	
JUN 15	166:17:23	1B-184-1	328	02A-1	04	37	2:40	S	
JUN 15	166:17:26	1B-184-2	328	02A-1	04	37	:20	L	
JUN 15	166:18:28	1B-184-3	329	02A-7	10	37	: 0.3	L	
JUN 15	166:18:28	1B-184-4	329	02A-7	10	37	: 2.5	S	
JUN 15	166:18:28	1B-184-5	329	02A-7	10	37	: 1.3	L	
JUN 15	166:18:28	1B-184-6	329	02A-7	10	37	:10	S	
JUN 15	166:18:29	1A-356	329	02A-7	10	37	1:19	L	
JUN 15	166:18:29	1B-184-7	329	02A-7	10	37	: 5	L	
JUN 15	166:18:29	1B-184-8	329	02A-7	10	37	:40	S	
JUN 15	166:18:29	1B-185-1	329	02A-7	10	37	:20	L	
JUN 15	166:18:30	1B-185-2	329	02A-7	10	37	2:40	S	— TVD (166:18:40) - XUV MON
JUN 15	166:18:45	1B-185-3	329	02A-6	07	37	: 2.5	S	
JUN 15	166:18:45	1B-185-4	329	02A-6	07	37	: 0.3	L	
JUN 15	166:18:45	1B-185-5	329	02A-6	07	37	:10	S	
JUN 15	166:18:45	1B-185-6	329	02A-6	07	37	: 1.3	L	
JUN 15	166:18:45	1B-185-7	329	02A-6	07	37	:40	S	
JUN 15	166:18:46	1B-185-8	329	02A-6	07	37	: 5	L	
JUN 15	166:18:46	1B-186-1	329	02A-6	07	37	2:40	S	
JUN 15	166:18:49	1B-186-2	329	02A-6	07	37	:20	L	
JUN 15	166:18:50	1A-357	329	02A-6	7	37	00:05	L	
JUN 15	166:20:15	1A-358	330	02A-7	10	41	:10	S	
JUN 15	166:20:15	1B-186-3	330	02A-7	10	41	: 0.3	L	
JUN 15	166:20:15	1B-186-4	330	02A-7	10	41	: 2.5	S	
JUN 15	166:20:15	1B-186-5	330	02A-7	10	41	: 1.3	L	
JUN 15	166:20:15	1B-186-6	330	02A-7	10	41	:10	S	
JUN 15	166:20:16	1B-186-7	330	02A-7	10	41	: 5	L	
JUN 15	166:20:16	1B-186-8	330	02A-7	10	41	:40	S	
JUN 15	166:20:16	1B-187-1	330	02A-7	10	41	:20	L	
JUN 15	166:20:17	1B-187-2	330	02A-7	10	41	2:40	S	
JUN 15	166:20:27	1A-359	330	02A-7	10	41	:02	S	
JUN 15	166:20:27	1B-187-3	330	02A-7	10	41	: 2.5	S	
JUN 15	166:20:27	1B-187-4	330	02A-7	10	41	: 0.3	L	
JUN 15	166:20:27	1B-187-5	330	02A-7	10	41	:10	S	
JUN 15	166:20:27	1B-187-6	330	02A-7	10	41	: 1.3	L	
JUN 15	166:20:27	1B-187-7	330	02A-7	10	41	:40	S	
JUN 15	166:20:28	1B-187-8	330	02A-7	10	41	: 5	L	
JUN 15	166:20:28	1B-188-1	330	02A-7	10	41	2:40	S	
JUN 15	166:20:31	1B-188-2	330	02A-7	10	41	:20	L	
JUN 15	166:20:33	1A-360	330	02A-7	10	41	:10	S	
JUN 15	166:20:33	1B-188-3	330	02A-7	10	41	: 0.3	L	
JUN 15	166:20:33	1B-188-4	330	02A-7	10	41	: 2.5	S	
JUN 15	166:20:33	1B-188-5	330	02A-7	10	41	: 1.3	L	
JUN 15	166:20:33	1B-188-6	330	02A-7	10	41	:10	S	
JUN 15	166:20:33	1B-188-7	330	02A-7	10	41	: 5	L	
JUN 15	166:20:33	1B-188-8	330	02A-7	10	41	:40	S	
JUN 15	166:20:34	1B-189-1	330	02A-7	10	41	:20	L	
JUN 15	166:20:34	1B-189-2	330	02A-7	10	41	2:40	S	
JUN 15	166:21:49	1A-361	331	06 -1	01	SC	:20	L	
JUN 15	166:22:19	1B-189-3	331	03		43	: 2.5	S	
JUN 15	166:22:19	1B-189-4	331	03		43	: 0.3	L	
JUN 15	166:22:19	1B-189-5	331	03		43	:10	S	

— Roll varied between +7416 and +7503 during this sequence because Star Tracker update.
(R/L +188; U/D -460

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	PB	TGT	EXP	WVL	
JUN 15	166:22:19	1B-189-6	331	03		43	: 1.3	L	SN Flare (166:22:05); crew said active region 35 on voice tape 167-02 (2N west limb - small surge)
JUN 15	166:22:19	1B-189-7	331	03		43	:40	S	
JUN 15	166:22:20	1B-189-8	331	03		43	: 5	L	
JUN 15	166:22:20	1B-190-1	331	03		43	2:40	S	
JUN 15	166:22:23	1B-190-2	331	03		43	:20	L	
JUN 16	167:10:13	1A-362	339	06 -1	01	SC	:49	L	
JUN 16	167:10:26	1A-363	339	06 -1	01	SC	:50	L	2B Flare (167:14:25); Active Region 37; Began 14:19
JUN 16	167:17:54	1A-364	344	02A-2	05	37	:05	L	
JUN 16	167:17:54	1A-365	344	02A-2	05	37	:20	L	
JUN 16	167:17:54	1A-366	344	02A-2	05	37	01:20	L	
JUN 16	167:18:13	1B-190-3	344	02A-2	05	37	: 0.3	L	
JUN 16	167:18:13	1B-190-4	344	02A-2	05	37	: 2.5	S	
JUN 16	167:18:13	1B-190-5	344	02A-2	05	37	: 1.3	L	
JUN 16	167:18:13	1B-190-6	344	02A-2	05	37	:10	S	
JUN 16	167:18:14	1B-190-7	344	02A-2	05	37	: 5	S	Predisperser failed to change wavelength
JUN 16	167:18:14	1B-190-6	344	02A-2	05	37	:40	S	
JUN 16	167:18:14	1B-191-1	344	02A-2	05	37	:20	L	
JUN 16	167:18:15	1B-191-2	344	02A-2	05	37	2:40	S	
JUN 16	167:18:18	1B-191-3	344	02A-2	05	37	: 2.5	S	
JUN 16	167:18:18	1B-191-4	344	02A-2	05	37	: 0.3	L	
JUN 16	167:18:18	1B-191-5	344	02A-2	05	37	:10	S	
JUN 16	167:18:18	1B-191-6	344	02A-2	05	37	: 1.3	L	
JUN 16	167:18:18	1B-191-7	344	02A-2	05	37	:40	S	
JUN 16	167:18:19	1B-191-8	344	02A-2	05	37	: 5	L	
JUN 16	167:18:19	1B-192-1	344	02A-2	05	37	2:40	S	
JUN 16	167:18:22	1B-192-2	344	02A-2	05	37	:20	L	SF Flare (167:19:18); Active Region 41; Began 14:07
JUN 16	167:20:55	1A-367	346	06 -1	01A	SC	:10	L	SF Flare (167:19:31); Active Regions 37/41; Began 19:31 (N 1,2-E-9)
JUN 16	167:21:04	1A-368	346	06 -1	01B	SC	:10	L	
JUN 16	167:21:29	1B-192-3	346	02A-6	07	37	10:00	L	
JUN 16	167:21:30	1A-369	346	OBS		UNK	09:06	S	Double Exposure - crewman changed wavelength, pointing and roll during this exposure.
JUN 16	167:21:40	1B-192-4	346	12D-1		QR1	: 5	L	
JUN 16	167:21:41	1B-192-5	346	12D-1		QR1	:40	S	Prominence P85 active (167:23:36) SF Flare (167:23:40); Begin 23:31; Max 23:36
JUN 17	168:09:32	1A-370	354	06 -1	01	SC	:49	L	2 limb co-align (168:10:03) TVD (168:10:56) - XUV MON real-time
JUN 17	168:11:06	1B-192-6	355	02F-1	07	41	: 2.5	S	
JUN 17	168:11:06	1B-192-7	355	02F-1	07	41	: 0.3	L	
JUN 17	168:11:06	1B-192-8	355	02F-1	07	41	:10	S	
JUN 17	168:11:06	1B-193-1	355	02F-1	07	41	: 1.3	L	
JUN 17	168:11:07	1B-193-2	355	02F-1	07	41	:40	S	
JUN 17	168:11:07	1B-193-3	355	02F-1	07	41	: 5	L	
JUN 17	168:11:07	1B-193-4	355	02F-1	07	41	2:40	S	
JUN 17	168:11:10	1B-193-5	355	02F-1	07	41	:20	L	
JUN 17	168:12:44	1A-371	356	02F-3	10	41	:04	L	
JUN 17	168:12:52	1B-193-6	356	02F-3	10	41	: 0.3	L	
JUN 17	168:12:52	1B-193-7	356	02F-3	10	41	: 2.5	S	
JUN 17	168:12:52	1B-193-8	356	02F-3	10	41	: 1.3	L	
JUN 17	168:12:52	1B-194-1	356	02F-3	10	41	:10	S	
JUN 17	168:12:53	1B-194-2	356	02F-3	10	41	: 5	L	
JUN 17	168:12:53	1B-194-3	356	02F-3	10	41	:40	S	
JUN 17	168:12:53	1B-194-4	356	02F-3	10	41	:20	L	
JUN 17	168:12:54	1B-194-5	356	02F-3	10	41	2:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JUN 17	168:13:09	1B-194-6	356	12D-1		QR1	:10	L	Slew during exposures
JUN 17	168:13:09	1B-194-7	356	12D-1		QR1	: 5	L	
JUN 17	168:13:11	1B-194-8	356	12D-1		QR1	:39	S	
JUN 17	168:15:47	1A-372	358	02A-2	05	37	:05	L	VTR - S082B white light pointing test (pointing reference system) (168:15:36)
JUN 17	168:15:48	1A-373	358	02A-2	05	37	:20	L	
JUN 17	168:15:48	1A-374	358	02A-2	05	37	01:20	L	
JUN 17	168:16:00	1B-195-1	358	02A-2	05	37	: 2.5	S	
JUN 17	168:16:00	1B-195-2	358	02A-2	05	37	: 0.3	L	
JUN 17	168:16:00	1B-195-3	358	02A-2	05	37	:10	S	
JUN 17	168:16:00	1B-195-4	358	02A-2	05	37	: 1.3	L	
JUN 17	168:16:00	1B-195-5	358	02A-2	05	37	:40	S	
JUN 17	168:16:01	1B-195-6	358	02A-2	05	37	: 5	L	
JUN 17	168:16:01	1B-195-7	358	02A-2	05	37	2:40	S	
JUN 17	168:16:04	1B-195-8	358	02A-2	05	37	:20	L	
JUN 17	168:17:05	1A-375	359	02A-1	04	41	:10	S	
JUN 17	168:17:05	1A-376	359	02A-1	04	41	:40	S	
JUN 17	168:17:05	1A-377	359	02A-1	04	41	02:39	S	
JUN 17	168:17:12	1B-196-1	359	02A-1	04	41	: 0.3	L	
JUN 17	168:17:12	1B-196-2	359	02A-1	04	41	: 2.5	S	
JUN 17	168:17:12	1B-196-3	359	02A-1	04	41	: 1.3	L	
JUN 17	168:17:12	1B-196-4	359	02A-1	04	41	:10	S	
JUN 17	168:17:12	1B-196-5	359	02A-1	04	41	: 5	L	
JUN 17	168:17:12	1B-196-6	359	02A-1	04	41	:40	S	
JUN 17	168:17:13	1B-196-7	359	02A-1	04	41	:20	L	
JUN 17	168:17:13	1B-196-8	359	02A-1	04	41	2:40	S	
JUN 17	168:17:17	1B-197-1	359	02A-1	04	41	: 2.5	S	
JUN 17	168:17:17	1B-197-2	359	02A-1	04	41	: 0.3	L	
JUN 17	168:17:17	1B-197-3	359	02A-1	04	41	:10	S	
JUN 17	168:17:17	1B-197-4	359	02A-1	04	41	: 1.3	L	
JUN 17	168:17:18	1B-197-5	359	02A-1	04	41	:40	S	
JUN 17	168:17:18	1B-197-6	359	02A-1	04	41	: 5	L	
JUN 17	168:17:18	1B-197-7	359	02A-1	04	41	2:40	S	
JUN 17	168:17:21	1B-197-8	359	02A-1	04	41	:20	L	
JUN 17	168:21:51	1A-378	362	06 -1	01	SC	:10	L	
JUN 17	168:21:59	1A-379	362	06 -1	01	SC	:10	L	
JUN 18	169:10:21	1A-380	370	06 -1	01	SC	:49	L	Synoptic real-time
JUN 18	169:10:29	1A-381	370	06 -1	01	SC	:49	L	TVD (169:10:?) - XUV MON real-time to Houston
JUN 18	169:11:42	1B-198-1	371	04 -7	06	F82	: 0.3	L	
JUN 18	169:11:42	1B-198-2	371	04 -7	06	F82	: 2.5	S	
JUN 18	169:11:42	1B-198-3	371	04 -7	06	F82	: 1.3	L	
JUN 18	169:11:42	1B-198-4	371	04 -7	06	F82	:10	S	
JUN 18	169:11:42	1B-198-5	371	04 -7	06	F82	: 5	L	
JUN 18	169:11:42	1B-198-6	371	04 -7	06	F82	:40	S	
JUN 18	169:11:43	1B-198-7	371	04 -7	06	F82	:20	L	
JUN 18	169:11:43	1B-198-8	371	04 -7	06	F82	2:40	S	
JUN 18	169:12:03	1A-382	371	04 -7	06	F82	:04	L	
JUN 18	169:12:04	1B-199-1	371	04 -7	06	F84	: 2.5	S	
JUN 18	169:12:04	1B-199-2	371	04 -7	06	F84	: 0.3	L	
JUN 18	169:12:04	1B-199-3	371	04 -7	06	F84	:10	S	
JUN 18	169:12:04	1B-199-4	371	04 -7	06	F84	: 1.3	L	
JUN 18	169:12:05	1B-199-5	371	04 -7	06	F84	:40	S	
JUN 18	169:12:05	1B-199-6	371	04 -7	06	F84	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BP	TGT	EXP	WVL	
JUN 18	169:12:05	1B-199-7	371	04 -7	06	FB4	2:40	S	
JUN 18	169:12:06	1B-199-8	371	04 -7	06	FB4	:20	L	
JUN 18	169:12:19	1A-383	371	04 -7	06	FB4	:10	L	
JUN 18	169:12:21	1B-200-1	371	04 -8	11	FB4	: 0.3	L	
JUN 18	169:12:21	1B-200-2	371	04 -8	11	FB4	: 2.5	S	
JUN 18	169:12:21	1B-200-3	371	04 -8	11	FB4	: 1.3	L	
JUN 18	169:12:21	1B-200-4	371	04 -8	11	FB4	:10	S	
JUN 18	169:12:21	1B-200-5	371	04 -8	11	FB4	: 5	L	
JUN 18	169:12:21	1B-200-6	371	04 -8	11	FB4	:40	S	
JUN 18	169:12:22	1B-200-7	371	04 -8	11	FB4	:20	L	
JUN 18	169:12:22	1B-200-8	371	04 -8	11	FB4	2:40	S	
JUN 18	169:15:12	1A-384	373	02A-2	05	37	:02	S	
JUN 18	169:15:12	1A-385	373	02A-2	05	37	:10	S	
JUN 18	169:15:13	1A-386	373	02A-2	05	37	:40	S	
JUN 18	169:15:13	1B-201-1	373	02A-2	05	37	: 2.5	S	
JUN 18	169:15:13	1B-201-2	373	02A-2	05	37	: 0.3	L	
JUN 18	169:15:13	1B-201-3	373	02A-2	05	37	:10	S	Active Region 37 producing subflares
JUN 18	169:15:13	1B-201-4	373	02A-2	05	37	: 1.3	L	
JUN 18	169:15:13	1B-201-5	373	02A-2	05	37	:40	S	
JUN 18	169:15:14	1B-201-6	373	02A-2	05	37	: 5	L	
JUN 18	169:15:14	1B-201-7	373	02A-2	05	37	2:40	S	
JUN 18	169:15:16	1B-201-8	373	02A-2	05	37	:20	L	
JUN 18	169:16:22	1A-387	374	12C-1	16	QR1	:10	S	
JUN 18	169:16:31	1A-388	374	12C-1	16	QR1	:10	S	4 limb co-align (169:17:00)
JUN 18	169:21:05	1A-389	377	06 -1	01	SC	:10	L	
JUN 18	169:21:33	1A-390	377	06 -1	01	SC	:10	L	
JUN 18	169:21:38	1A-391	377	02A-7	10	37	01:16	L	
JUN 18	169:21:40	1A-392	377	02A-7	10	37	01:19	L	
JUN 18	169:21:45	1A-393	377	02A-7	10	37	:10	L	
JUN 19	170:06:29	1A-394	383	UNA		WLB	:20	L	
JUN 19	170:06:30	1A-395	383	UNA		WLB	:10	S	
JUN 19	170:06:30	1A-396	383	UNA		WLB	01:20	L	
JUN 19	170:06:31	1A-397	383	UNA		WLB	:40	S	
JUN 19	170:06:32	1A-398	383	UNA		WLB	05:19	L	
JUN 19	170:06:37	1A-399	383	UNA		WLB	02:39	S	
									End SL-2 Mission Begin SL-3 Mission
AUG 6	218:22:32	2A-001	147	EVA		UNK	:20	S	Camera Checkout Exposures
AUG 6	218:22:36	2B-001-1	147	EVA		UNK	: 4	L	TVD (219:13:31) - XUV MON to GDS (R/T Houston)
AUG 7	219:14:03	2A-002	157	06	01A	SC	2:39	L	
AUG 7	219:14:08	2B-001-2	157	06 -1	01A	SC	1:00	S	
AUG 7	219:14:10	2A-003	157	06	01A	SC	:10	S	
AUG 7	219:15:37	2B-001-3	158	02A-6	07A	85	: 2.5	S	
AUG 7	219:15:37	2B-001-4	158	02A-6	07A	85	: 0.3	L	
AUG 7	219:15:37	2B-001-5	158	02A-6	07A	85	:10	S	101 Film
AUG 7	219:15:37	2B-001-6	158	02A-6	07A	85	: 1.3	L	
AUG 7	219:15:37	2B-001-7	158	02A-6	07A	85	:40	S	
AUG 7	219:15:38	2B-001-8	158	02A-6	07A	85	: 5	L	
AUG 7	219:15:38	2B-002-1	158	02A-6	07A	85	2:40	S	
AUG 7	219:15:40	2B-002-2	158	02A-6	07A	85	:20	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/M	JOP-ST	FP	TGT	EXP	WVL
AUG 7	219:15:44	2A-004	158	02A-6	07B	85	:09	S
AUG 7	219:16:33	2B-002-3	159	02A-4	36A	85	: 0.3	L
AUG 7	219:16:33	2B-002-4	159	02A-4	36A	85	: 2.5	S
AUG 7	219:16:33	2B-002-5	159	02A-4	36A	85	: 1.3	L
AUG 7	219:16:34	2B-002-6	159	02A-4	36A	85	:10	S
AUG 7	219:16:34	2B-002-7	159	02A-4	36A	85	: 5	L
AUG 7	219:16:34	2B-002-8	159	02A-4	36A	85	: 2.3	S
AUG 7	219:16:55	2B-003-1	159	02A-4	36B	85	: 2.5	S
AUG 7	219:16:55	2B-003-2	159	02A-4	36B	85	: 0.3	L
AUG 7	219:16:55	2B-003-3	159	02A-4	36B	85	:10	S
AUG 7	219:16:55	2B-003-4	159	02A-4	36B	85	: 1.3	L
AUG 7	219:16:55	2B-003-5	159	02A-4	36B	85	:40	S
AUG 7	219:16:56	2B-003-6	159	02A-4	36B	85	: 5	L
AUG 7	219:16:56	2B-003-7	159	02A-4	36B	85	2:40	S
AUG 7	219:16:59	2B-003-8	159	02A-4	36B	85	:20	L
AUG 7	219:17:03	2B-004-1	159	S05		85	: 2.5	S
AUG 7	219:17:03	2B-004-2	159	S05		85	: 0.3	L
AUG 7	219:17:03	2B-004-3	159	S05		85	:10	S
AUG 7	219:17:03	2B-004-4	159	S05		85	: 1.3	L
AUG 7	219:17:04	2B-004-5	159	S05		85	:17.7	S
AUG 7	219:17:09	2B-004-6	159	02A-7	10	85	: 2.5	S
AUG 7	219:17:09	2B-004-7	159	02A-7	10	85	: 0.3	L
AUG 7	219:17:09	2B-004-8	159	02A-7	10	85	:10	S
AUG 7	219:17:10	2B-005-1	159	02A-7	10	85	: 1.3	L
AUG 7	219:17:10	2B-005-2	159	02A-7	10	85	:40	S
AUG 7	219:17:10	2B-005-3	159	02A-7	10	85	: 5	L
AUG 7	219:17:10	2B-005-4	159	02A-7	10	85	2:40	S
AUG 7	219:17:13	2B-005-5	159	02A-7	10	85	:20	L
AUG 7	219:18:05	2B-005-6	160	02A-6	07	85	: 0.3	L
AUG 7	219:18:05	2B-005-7	160	02A-6	07	85	: 2.5	S
AUG 7	219:18:05	2B-005-8	160	02A-6	07	85	: 1.3	L
AUG 7	219:18:05	2B-006-1	160	02A-6	07	85	:10	S
AUG 7	219:18:05	2B-006-2	160	02A-6	07	85	: 5	L
AUG 7	219:18:05	2B-006-3	160	02A-6	07	85	:40	S
AUG 7	219:18:06	2B-006-4	160	02A-6	07	85	:20	L
AUG 7	219:18:06	2B-006-5	160	02A-6	07	85	2:40	S
AUG 7	219:18:14	2A-005	160	02A-6	07B	85	:39	S
AUG 7	219:18:24	2B-006-6	160	02A-7	10	85	: 2.5	S
AUG 7	219:18:24	2B-006-7	160	02A-7	10	85	: 0.3	L
AUG 7	219:18:24	2B-006-8	160	02A-7	10	85	:10	S
AUG 7	219:18:24	2B-007-1	160	02A-7	10	85	: 1.3	L
AUG 7	219:18:24	2B-007-2	160	02A-7	10	85	:40	S
AUG 7	219:18:25	2B-007-3	160	02A-7	10	85	: 5	L
AUG 7	219:18:25	2B-007-4	160	02A-7	10	85	2:40	S
AUG 7	219:18:28	2B-007-5	160	02A-7	10	85	:20	L
AUG 7	219:18:33	2B-007-6	160	02A-7	10	85	: 0.3	L
AUG 7	219:18:33	2B-007-7	160	02A-7	10	85	: 2.5	S
AUG 7	219:18:33	2B-007-8	160	02A-7	10	85	: 1.3	L
AUG 7	219:18:33	2B-008-1	160	02A-7	10	85	:10	S
AUG 7	219:18:33	2B-008-2	160	02A-7	10	85	: 5	L
AUG 7	219:18:33	2B-008-3	160	02A-7	10	85	:40	S
AUG 7	219:18:34	2B-008-4	160	02A-7	10	85	:20	L
AUG 7	219:18:34	2B-008-5	160	02A-7	10	85	2:40	S
AUG 7	219:18:39	2B-008-6	160	02A-7	10	85	: 2.5	S

— C3 Flare (219:18:37) in active region 85
Begin 18:37; Max 18:47; End 18:57

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BP	TGT	EXP	WVL	
AUG 7	219:18:39	2B-008-7	160	02A-7	10	85	: 0.3	L	
AUG 7	219:18:39	2B-009-8	160	02A-7	10	85	:10	S	
AUG 7	219:18:39	2B-009-1	160	02A-7	10	85	: 1.3	L	
AUG 7	219:18:39	2B-009-2	160	02A-7	10	85	:40	S	
AUG 7	219:18:40	2B-009-3	160	02A-7	10	85	: 5	L	
AUG 7	219:18:40	2B-009-4	160	02A-7	10	85	2:40	S	
AUG 7	219:18:43	2B-009-5	160	02A-7	10	85	:20	L	
AUG 7	219:18:46	2A-006	160	02A-7	10	85	1:19	L	
AUG 7	219:18:49	2A-007	160	02A-7		85	:02.5	L	— TVD (219:19:57) - XUV MON real time to HAW
AUG 7	219:19:59	2A-008	161	02A-2	05	85	3:22	S	
AUG 7	219:20:03	2A-009	161	02A-2	05	85	:10	S	
AUG 7	219:20:03	2A-010	161	02A-2	05	85	:40	S	
AUG 7	219:20:04	2A-011	161	02A-2	05	85	2:39	S	
AUG 7	219:20:09	2B-009-6	161	02A-2	05B	85	: 0.3	L	
AUG 7	219:20:09	2B-009-7	161	02A-2	05B	85	: 2.5	S	
AUG 7	219:20:09	2B-009-8	161	02A-2	05B	85	: 1.3	L	
AUG 7	219:20:09	2B-010-1	161	02A-2	05B	85	:10	S	
AUG 7	219:20:09	2B-010-2	161	02A-2	05B	85	: 5	L	
AUG 7	219:20:09	2B-010-3	161	02A-2	05B	85	:40	S	
AUG 7	219:20:10	2B-010-4	161	02A-2	05B	85	:20	L	
AUG 7	219:20:11	2B-010-5	161	02A-2	05B	85	2:40	S	
AUG 7	219:20:13	2B-010-6	161	02A-2	05D	85	: 2.5	S	
AUG 7	219:20:14	2B-010-7	161	02A-2	05D	85	: 0.3	L	
AUG 7	219:20:14	2B-010-8	161	02A-2	05D	85	:10	S	
AUG 7	219:20:14	2B-011-1	161	02A-2	05D	85	: 1.3	L	
AUG 7	219:20:14	2B-011-2	161	02A-2	05D	85	:40	S	
AUG 7	219:20:15	2B-011-3	161	02A-2	05D	85	: 5	L	
AUG 7	219:20:15	2B-011-4	161	02A-2	05D	85	2:40	S	
AUG 7	219:20:17	2B-011-5	161	02A-2	05D	85	:20	L	
AUG 8	220:00:21	2B-011-6	164	02G		85	2:40	S	— Ellerman bomb exposure near active region 85 - reported by crew in real time
AUG 8	220:00:33	2B-011-7	164	04A-3	36A	F23	: 2.5	S	
AUG 8	220:00:33	2B-011-8	164	04A-3	36A	F23	: 0.3	L	
AUG 8	220:00:33	2B-012-1	164	04A-3	36A	F23	:10	S	
AUG 8	220:00:33	2B-012-2	164	04A-3	36A	F23	: 1.3	L	
AUG 8	220:00:34	2B-012-3	164	04A-3	36A	F23	:40	S	
AUG 8	220:00:34	2B-012-4	164	04A-3	36A	F23	: 5	L	
AUG 8	220:00:34	2B-012-5	164	04A-3	36A	F23	2:40	S	
AUG 8	220:00:37	2B-012-6	164	04A-3	36A	F23	:20	L	
AUG 8	220:00:42	2B-012-7	164	04A-3	36A	F23	3:19	S	
AUG 8	220:00:49	2B-012-8	164	04A-3	36B	F23	: 2.5	S	
AUG 8	220:00:49	2B-013-1	164	04A-3	36B	F23	: 0.3	L	
AUG 8	220:00:49	2B-013-2	164	04A-3	36B	F23	:10	S	
AUG 8	220:00:50	2B-013-3	164	04A-3	36B	F23	: 1.3	L	
AUG 8	220:00:50	2B-013-4	164	04A-3	36B	F23	:40	S	
AUG 8	220:00:50	2B-013-5	164	04A-3	36B	F23	: 5	L	
AUG 8	220:00:50	2B-013-6	164	04A-3	36B	F23	2:40	S	
AUG 8	220:00:53	2B-013-7	164	04A-3	36B	F23	:20	L	
AUG 8	220:01:02	2B-013-8	164	04A-3	36	F23	2:39	S	— A time exposure by SPT - not scheduled on pad.
AUG 8	220:01:54	2A-012	165	06 -1	01A	SC	:40	L	
AUG 8	220:01:54	2B-014-1	165	06 -1	01A	SC	1:01	S	
AUG 8	220:01:55	2A-013	165	06 -1	01A	SC	:40	S	
AUG 8	220:01:56	2B-014-2	165	06 -1	01A	SC	3:59	S	

CHRONOLOGICAL LISTING

DATE		TIME	FILM-STRIP	F/N	JOP-ST	BB	TGT	EXP	WVL	
AUG	8	220:02:31	2B-014-3	165	12D		QR	:10	S	Slew calibration: Roll -6275; R/L +625; U/D -420
AUG	8	220:02:32	2B-014-4	165	12D		QR	:40	S	
AUG	8	220:02:33	2B-014-5	165	12D		QR	2:39	S	
AUG	8	220:14:43	2A-014	173	06 -1	01A	SC	:10	L	
AUG	8	220:14:44	2B-014-6	173	06 -1	01A	SC	1:00	S	
AUG	8	220:14:46	2A-015	173	06 -1	01A	SC	2:39	L	
AUG	8	220:14:49	2B-014-7	173	06 -1	01A	SC	3:59	S	
AUG	8	220:17:42	2B-014-8	175	02A-6	07A	85	: 2.5	S	
AUG	8	220:17:42	2B-015-1	175	02A-6	07A	85	: 0.3	L	
AUG	8	220:17:42	2B-015-2	175	02A-6	07A	85	:10	S	
AUG	8	220:17:43	2B-015-3	175	02A-6	07A	85	: 1.3	L	
AUG	8	220:17:43	2B-015-4	175	02A-6	07A	85	:40	S	
AUG	8	220:17:43	2B-015-5	175	02A-6	07A	85	: 5	L	
AUG	8	220:17:43	2B-015-6	175	02A-6	07A	85	2:40	S	
AUG	8	220:17:46	2B-015-7	175	02A-6	07A	85	:20	L	
AUG	8	220:17:52	2A-016	175	02A-6	07	85	:40	S	
AUG	8	220:19:32	2B-015-8	176	04A-4	11	P23	: 0.3	L	Pointing was scheduled for off-limb; however SPT reported that since AL was peaking detector 3, observations were made on the disc.
AUG	8	220:19:32	2B-016-1	176	04A-4	11	P23	: 2.5	S	
AUG	8	220:19:32	2B-016-2	176	04A-4	11	P23	: 1.3	L	
AUG	8	220:19:32	2B-016-3	176	04A-4	11	P23	:10	S	
AUG	8	220:19:32	2B-016-4	176	04A-4	11	P23	: 5	L	
AUG	8	220:19:32	2B-016-5	176	04A-4	11	P23	:40	S	
AUG	8	220:19:33	2B-016-6	176	04A-4	11	P23	:20	L	
AUG	8	220:19:34	2B-016-7	176	04A-4	11	P23	2:40	S	
AUG	8	220:19:40	2B-016-8	176	04A-4	11	P23	: 2.5	S	
AUG	8	220:19:40	2B-017-1	176	04A-4	11	P23	: 0.3	L	
AUG	8	220:19:40	2B-017-2	176	04A-4	11	P23	:10	S	
AUG	8	220:19:40	2B-017-3	176	04A-4	11	P23	: 1.3	L	
AUG	8	220:19:40	2B-017-4	176	04A-4	11	P23	:40	S	
AUG	8	220:19:41	2B-017-5	176	04A-4	11	P23	: 5	L	
AUG	8	220:19:41	2B-017-6	176	04A-4	11	P23	2:40	S	
AUG	8	220:19:44	2B-017-7	176	04A-4	11	P23	:20	L	
AUG	8	220:20:32	2A-017	177	02A-1	04A	85	:02.5	S	
AUG	8	220:20:32	2A-018	177	02A-1	04A	85	:10	S	
AUG	8	220:20:32	2A-019	177	02A-1	04A	85	:40	S	
AUG	8	220:20:41	2B-017-8	177	02A-1	04B	85	: 0.3	L	
AUG	8	220:20:41	2B-018-1	177	02A-1	04B	85	: 2.5	S	
AUG	8	220:20:41	2B-018-2	177	02A-1	04B	85	: 1.3	L	
AUG	8	220:20:41	2B-018-3	177	02A-1	04B	85	:10	S	
AUG	8	220:20:41	2B-018-4	177	02A-1	04B	85	: 5	L	
AUG	8	220:20:41	2B-018-5	177	02A-1	04B	85	:40	S	
AUG	8	220:20:42	2B-018-6	177	02A-1	04B	85	:20	L	
AUG	8	220:20:42	2B-018-7	177	02A-1	04B	85	2:40	S	
AUG	8	220:20:50	2B-018-8	177	02A-1	04C	85	: 2.5	S	
AUG	8	220:20:50	2B-019-1	177	02A-1	04C	85	: 0.3	L	
AUG	8	220:20:51	2B-019-2	177	02A-1	04C	85	:10	S	
AUG	8	220:20:51	2B-019-3	177	02A-1	04C	85	: 1.3	L	
AUG	8	220:20:51	2B-019-4	177	02A-1	04C	85	:40	S	
AUG	8	220:20:51	2B-019-5	177	02A-1	04C	85	: 5	L	
AUG	8	220:20:52	2B-019-6	177	02A-1	04C	85	2:40	S	
AUG	8	220:20:54	2B-019-7	177	02A-1	04C	85	:20	L	
AUG	8	220:21:00	2B-019-8	177	02A-1	04D	85	: 0.3	L	
AUG	8	220:21:00	2B-020-1	177	02A-1	04D	85	: 2.5	S	
AUG	8	220:21:00	2B-020-2	177	02A-1	04D	85	: 1.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 8	220:21:00	2B-020-3	177	02A-1	04D	85	:10	S	
AUG 8	220:21:00	2B-020-4	177	02A-1	04D	85	: 5	L	
AUG 8	220:21:00	2B-020-5	177	02A-1	04D	85	:40	S	
AUG 8	220:21:01	2B-020-6	177	02A-1	04D	85	:20	L	
AUG 8	220:21:01	2B-020-7	177	02A-1	04D	85	2:40	S	
AUG 8	220:21:07	2B-020-8	177	02A-1	04E	85	: 2.5	S	
AUG 8	220:21:07	2B-021-1	177	02A-1	04E	85	: 0.3	L	
AUG 8	220:21:07	2B-021-2	177	02A-1	04E	85	:10	S	
AUG 8	220:21:07	2B-021-3	177	02A-1	04E	85	: 1.3	L	
AUG 8	220:21:07	2B-021-4	177	02A-1	04E	85	:40	S	
AUG 8	220:21:08	2B-021-5	177	02A-1	04E	85	: 5	L	
AUG 8	220:21:08	2B-021-6	177	02A-1	04E	85	2:40	S	
AUG 8	220:21:11	2B-021-7	177	02A-1	04E	85	:20	L	
AUG 9	221:01:10	2A-020	180	06 -1	01A	SC	:39	S	
AUG 9	221:01:11	2A-021	180	06 -1	01A	SC	:40	L	
AUG 9	221:01:40	2B-021-8	180	04A-7	28	P23	16:29	S	— +25 $\widehat{\text{sec}}$ limb study (rolled away from prominence)
AUG 9	221:15:12	2B-022-1	189	S02		85	6:54	S	
AUG 9	221:15:20	2A-022	189	S02		85	:40	S	
AUG 9	221:15:20	2B-022-2	189	S02		85	: 2.5	S	
AUG 9	221:15:20	2B-022-3	189	S02		85	: 0.3	L	
AUG 9	221:15:20	2B-022-4	189	S02		85	:10	S	
AUG 9	221:15:20	2B-022-5	189	S02		85	: 1.3	L	
AUG 9	221:15:20	2B-022-6	189	S02		85	:40	S	
AUG 9	221:15:21	2B-022-7	189	S02		85	: 5	L	
AUG 9	221:15:21	2B-022-8	189	S02		85	2:40	S	
AUG 9	221:15:23	2B-023-1	189	S02		85	:20	L	
AUG 9	221:15:33	2A-023	189	06 -1	01A	SC	2:39	L	
AUG 9	221:15:46	2A-024	189	06 -1	01A	SC	:09	S	
AUG 9	221:15:53	2A-025	189	03	08	85	:01.5	S	
AUG 9	221:15:54	2A-026	189	03	08	85	:02.5	S	
AUG 9	221:15:54	2A-027	189	03	08	85	:10	S	
AUG 9	221:15:54	2A-028	189	03	08	85	:40	S	
AUG 9	221:15:54	2A-029	189	03	08	85	:05	L	
AUG 9	221:15:54	2B-023-2	189	03	08	85	: 0.3	S	
AUG 9	221:15:54	2B-023-3	189	03	08	85	: 1.3	S	
AUG 9	221:15:54	2B-023-4	189	03	08	85	: 5	S	
AUG 9	221:15:54	2B-023-5	189	03	08	85	:20	S	
AUG 9	221:15:54	2B-023-6	189	03	08	85	: 0.3	S	
AUG 9	221:15:54	2B-023-7	189	03	08	85	: 1.3	S	
AUG 9	221:15:54	2B-023-8	189	03	08	85	: 5	S	
AUG 9	221:15:54	2B-024-1	189	03	08	85	:20	S	
AUG 9	221:15:54	2B-024-2	189	03	08	85	: 0.2	L	
AUG 9	221:15:54	2B-024-3	189	03	08	85	: 0.6	L	
AUG 9	221:15:54	2B-024-4	189	03	08	85	: 2.5	L	
AUG 9	221:15:55	2A-030	189	03	08	85	:20	L	
AUG 9	221:15:55	2A-031	189	03	08	85	1:20	L	
AUG 9	221:15:55	2B-024-5	189	03	08	85	:10	L	
AUG 9	221:15:55	2B-024-6	189	03	08	85	: 0.3	S	— M2 Flare (221:15:53): Begin 15:48; Max 15:53; End 15:55
AUG 9	221:15:55	2B-024-7	189	03	08	85	: 1.3	S	(Roll -10397; R/L -087.5; U/D -667.5)
AUG 9	221:15:55	2B-024-8	189	03	08	85	: 5	S	
AUG 9	221:15:55	2B-025-1	189	03	08	85	:20	S	
AUG 9	221:15:55	2B-025-2	189	03	08	85	: 0.3	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP WVL	
AUG 9	221:15:55	2B-025-3	189	03	08	85	: 1.3S	
AUG 9	221:15:55	2B-025-4	189	03	08	85	: 5 S	
AUG 9	221:15:55	2B-025-5	189	03	08	85	:20 S	
AUG 9	221:15:56	2A-032	189	03	08	85	:02.5S	
AUG 9	221:15:56	2A-033	189	03	08	85	:10 S	
AUG 9	221:15:56	2B-025-6	189	03	08	85	: 0.2L	
AUG 9	221:15:56	2B-025-7	189	03	08	85	: 0.6L	
AUG 9	221:15:56	2B-025-8	189	03	08	85	: 2.5L	
AUG 9	221:15:56	2B-026-1	189	03	08	85	:10 L	
AUG 9	221:15:56	2B-026-2	189	03	08	85	: 1.3S	
AUG 9	221:15:56	2B-026-3	189	03	08	85	: 5 S	
AUG 9	221:15:56	2B-026-4	189	03	08	85	:20 S	
AUG 9	221:15:56	2B-026-5	189	03	08	85	:12 S	
AUG 9	221:15:57	2A-034	189	03	08	85	:00.7S	
AUG 9	221:15:58	2A-035	189	S02		UNK	:39 S	
AUG 9	221:15:58	2B-026-6	189	03	08	85	:10 S	
AUG 9	221:17:12	2B-026-7	190	S03		84	: 2.5S	
AUG 9	221:17:12	2B-026-8	190	S03		84	: 0.3L	
AUG 9	221:17:12	2B-027-1	190	S03		84	:10 S	
AUG 9	221:17:12	2B-027-2	190	S03		84	: 1.3L	Pointed to AR near limb; filled slit with uniform bright line on AR
AUG 9	221:17:13	2B-027-3	190	S03		84	:40 S	
AUG 9	221:17:13	2B-027-4	190	S03		84	: 5 L	
AUG 9	221:17:13	2B-027-5	190	S03		84	2:40 S	
AUG 9	221:17:16	2B-027-6	190	S03		84	:20 L	
AUG 9	221:17:20	2B-027-7	190	S03		84	: 0.3L	
AUG 9	221:17:20	2B-027-8	190	S03		84	: 2.5S	
AUG 9	221:17:20	2B-028-1	190	S03		85	: 1.3L	
AUG 9	221:17:20	2B-028-2	190	S03		85	:10 S	
AUG 9	221:17:21	2B-028-3	190	S03		85	: 5 L	
AUG 9	221:17:21	2B-028-4	190	S03		85	:40 S	
AUG 9	221:17:21	2B-028-5	190	S03		85	:20 L	
AUG 9	221:17:22	2B-028-6	190	S03		85	2:40 S	
AUG 9	221:17:28	2B-028-7	190	S09		84	: 5 S	Prominence north of AR 84. SPT pointed to "bright prominence" point with XUV Monitor to +30 sec above limb.
AUG 9	221:17:29	2B-028-8	190	S09		84	:10 S	
AUG 9	221:19:49	2A-036	192	12A-3	26	QR1	:39 S	
AUG 9	221:19:49	2B-029-1	192	12A-3	26	QR1	: 2.5S	
AUG 9	221:19:49	2B-029-2	192	12A-3	26	QR1	: 0.3L	
AUG 9	221:19:49	2B-029-3	192	12A-3	26	QR1	:10 S	
AUG 9	221:19:50	2B-029-4	192	12A-3	26	QR1	: 1.3L	
AUG 9	221:19:50	2B-029-5	192	12A-3	26	QR1	:40 S	
AUG 9	221:19:50	2B-029-6	192	12A-3	26	QR1	: 5 L	
AUG 9	221:19:51	2B-029-7	192	12A-3	26	QR1	2:40 S	
AUG 9	221:19:53	2B-029-8	192	12A-3	26	QR1	:20 L	
AUG 9	221:19:58	2A-037	192	12A-3	26	QR1	:10 S	
AUG 9	221:20:17	2A-038	192	12A-3	26	QR1	:39 S	
AUG 9	221:20:33	2A-039	192	S03		85	:10 S	
AUG 9	221:20:33	2B-030-1	192	S03		86	: 0.3L	
AUG 9	221:20:33	2B-030-2	192	S03		86	: 2.5S	
AUG 9	221:20:33	2B-030-3	192	S03		86	: 1.3L	
AUG 9	221:20:33	2B-030-4	192	S03		86	:10 S	
AUG 9	221:20:33	2B-030-5	192	S03		86	: 5 L	
AUG 9	221:20:33	2B-030-6	192	S03		86	:40 S	
AUG 9	221:20:34	2B-030-7	192	S03		86	:20 L	
AUG 9	221:20:34	2B-030-8	192	S03		86	2:40 S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 9	221:21:24	2B-031-1	193	12A-1	22	QR1	: 2.5	S	
AUG 9	221:21:24	2B-031-2	193	12A-1	22	QR1	: 0.3	L	
AUG 9	221:21:24	2B-031-3	193	12A-1	22	QR1	:10	S	
AUG 9	221:21:24	2B-031-4	193	12A-1	22	QR1	: 1.3	L	
AUG 9	221:21:24	2B-031-5	193	12A-1	22	QR1	:40	S	
AUG 9	221:21:25	2B-031-6	193	12A-1	22	QR1	: 5	L	
AUG 9	221:21:25	2B-031-7	193	12A-1	22	QR1	2:40	S	
AUG 9	221:21:28	2B-031-8	193	12A-1	22	QR1	:20	L	
AUG 9	221:22:09	2B-032-1	193	S08		85	: 5	S	— Subflare: Roll -10800; R/L -775.0; U/D -008.7
AUG 10	222:15:06	2B-032-2	204	S08		85	:32	S	├ Exposures taken after coronal transient from AR84, but prominence 23 was behind limb. (Roll -10128; R/L -790; U/D -195)
AUG 10	222:15:08	2B-032-3	204	S08		85	:11	S	
AUG 10	222:22:12	2A-040	209	06 -1	01A	SC	2:40	L	
AUG 10	222:22:16	2A-041	209	06 -1	01A	SC	:10	S	
AUG 10	222:22:34	2B-032-4	209	02A-4	36A	85	: 2.5	S	
AUG 10	222:22:34	2B-032-5	209	02A-4	36A	85	: 0.3	L	
AUG 10	222:22:34	2B-032-6	209	02A-4	36A	85	:10	S	
AUG 10	222:22:35	2B-032-7	209	02A-4	36A	85	: 1.3	L	
AUG 10	222:22:35	2B-032-8	209	02A-4	36A	85	:40	S	
AUG 10	222:22:35	2B-033-1	209	02A-4	36A	85	: 5	L	
AUG 10	222:22:35	2B-033-2	209	02A-4	36A	85	2:40	S	
AUG 10	222:22:38	2B-033-3	209	02A-4	36A	85	:20	L	
AUG 10	222:22:40	2B-033-4	209	SL4		85	3:19	S	
AUG 10	222:22:51	2B-033-5	209	02A-4	36B	85	: 2.5	S	
AUG 10	222:22:51	2B-033-6	209	02A-4	36B	85	: 0.3	L	
AUG 10	222:22:51	2B-033-7	209	02A-4	36B	85	:10	S	
AUG 10	222:22:52	2B-033-8	209	02A-4	36B	85	: 1.3	L	
AUG 10	222:22:52	2B-034-1	209	02A-4	36B	85	:40	S	
AUG 10	222:22:52	2B-034-2	209	02A-4	36B	85	: 5	L	
AUG 10	222:22:52	2B-034-3	209	02A-4	36B	85	2:40	S	
AUG 10	222:22:55	2B-034-4	209	02A-4	36B	85	:20	L	
AUG 11	223:01:17	2A-042	211	06 -1	01A	SC	:39	L	
AUG 11	223:01:18	2A-043	211	06 -1	01A	SC	:39	S	
AUG 11	223:01:48	2B-034-5	211	02A-6	07A	85	: 0.3	L	
AUG 11	223:01:48	2B-034-6	211	02A-6	07A	85	: 2.5	S	
AUG 11	223:01:48	2B-034-7	211	02A-6	07A	85	: 1.3	L	
AUG 11	223:01:48	2B-034-8	211	02A-6	07A	85	:10	S	
AUG 11	223:01:48	2B-035-1	211	02A-6	07A	85	: 5	S	
AUG 11	223:01:48	2B-035-2	211	02A-6	07A	85	:40	S	
AUG 11	223:01:49	2B-035-3	211	02A-6	07A	85	:20	L	
AUG 11	223:01:49	2B-035-4	211	02A-6	07A	85	2:40	S	
AUG 11	223:01:57	2A-044	211	02A-6	07B	85	:39	S	
AUG 11	223:13:45	2A-045	219	06 -1	01A	SC	2:40	L	
AUG 11	223:13:48	2A-046	219	06 -1	01A	SC	:14	S	
AUG 11	223:14:25	2B-035-5	219	S05	05	86	:10	S	
AUG 11	223:14:26	2B-035-6	219	S05	05	86	:39	S	
AUG 11	223:16:58	2A-047	221	02C-2	05	85	:02.5	S	
AUG 11	223:16:58	2A-048	221	02C-2	05	85	:10	S	
AUG 11	223:16:58	2A-049	221	02C-2	05	85	:40	S	
AUG 11	223:16:58	2B-035-7	221	02C-2	05A	85	: 2.5	S	
AUG 11	223:16:58	2B-035-8	221	02C-2	05A	85	: 0.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 11	223:16:58	2B-036-1	221	02C-2	05A	85	:10	S	
AUG 11	223:16:58	2B-036-2	221	02C-2	05A	85	: 1.3	L	
AUG 11	223:16:58	2B-036-3	221	02C-2	05A	85	:40	S	
AUG 11	223:16:59	2B-036-4	221	02C-2	05A	85	: 5	L	
AUG 11	223:16:59	2B-036-5	221	02C-2	05A	85	2:40	S	
AUG 11	223:17:02	2B-036-6	221	02C-2	05A	85	:20	L	
AUG 11	223:17:04	2B-036-7	221	02C-2	05B	85	: 0.3	L	
AUG 11	223:17:04	2B-036-8	221	02C-2	05B	85	: 2.5	S	
AUG 11	223:17:04	2B-037-1	221	02C-2	05B	85	: 1.3	L	
AUG 11	223:17:04	2B-037-2	221	02C-2	05B	85	:10	S	
AUG 11	223:17:04	2B-037-3	221	02C-2	05B	85	: 5	L	
AUG 11	223:17:04	2B-037-4	221	02C-2	05B	85	:40	S	
AUG 11	223:17:05	2B-037-5	221	02C-2	05B	85	:20	L	
AUG 11	223:17:05	2B-037-6	221	02C-2	05B	85	2:40	S	
AUG 11	223:17:12	2B-037-7	221	02C-2	05C	85	: 2.5	S	
AUG 11	223:17:12	2B-037-8	221	02C-2	05C	85	: 0.3	L	
AUG 11	223:17:12	2B-038-1	221	02C-2	05C	85	:10	S	
AUG 11	223:17:12	2B-038-2	221	02C-2	05C	85	: 1.3	L	
AUG 11	223:17:12	2B-038-3	221	02C-2	05C	85	:40	S	
AUG 11	223:17:13	2B-038-4	221	02C-2	05C	85	: 5	L	
AUG 11	223:17:13	2B-038-5	221	02C-2	05C	85	2:40	S	
AUG 11	223:17:16	2B-038-6	221	02C-2	05C	85	:20	L	
AUG 11	223:17:19	2B-038-7	221	02C-2	05D	85	: 0.3	L	
AUG 11	223:17:19	2B-038-8	221	02C-2	05D	85	: 2.5	S	
AUG 11	223:17:19	2B-039-1	221	02C-2	05D	85	: 1.3	L	
AUG 11	223:17:19	2B-039-2	221	02C-2	05D	85	:10	S	
AUG 11	223:17:19	2B-039-3	221	02C-2	05D	85	: 5	L	
AUG 11	223:17:19	2B-039-4	221	02C-2	05D	85	:40	S	
AUG 11	223:17:20	2B-039-5	221	02C-2	05D	85	:20	L	
AUG 11	223:17:20	2B-039-6	221	02C-2	05D	85	2:40	S	
AUG 11	223:17:30	2A-050	221	02C-1	02	SC	1:19	L	
AUG 11	223:18:26	2B-039-7	222	02C-5	13	85	: 2.5	S	
AUG 11	223:18:26	2B-039-8	222	02C-5	13	85	: 0.3	L	
AUG 11	223:18:26	2B-040-1	222	02C-5	13	85	:10	S	
AUG 11	223:18:26	2B-040-2	222	02C-5	13	85	: 1.3	L	
AUG 11	223:18:26	2B-040-3	222	02C-5	13	85	:40	S	-12 sec — Begin limb scan (Roll -10441; R/L -918; U/D 034)
AUG 11	223:18:27	2B-040-4	222	02C-5	13	85	: 5	L	
AUG 11	223:18:27	2B-040-5	222	02C-5	13	85	2:40	S	
AUG 11	223:18:30	2B-040-6	222	02C-5	13	85	:20	L	
AUG 11	223:18:30	2B-040-7	222	02C-5	13	85	: 2.5	S	
AUG 11	223:18:30	2B-040-8	222	02C-5	13	85	: 0.3	L	
AUG 11	223:18:30	2B-041-1	222	02C-5	13	85	:10	S	-4 sec
AUG 11	223:18:30	2B-041-2	222	02C-5	13	85	: 1.3	L	
AUG 11	223:18:30	2B-041-3	222	02C-5	13	85	:40	S	
AUG 11	223:18:31	2B-041-4	222	02C-5	13	85	: 5	L	
AUG 11	223:18:31	2B-041-5	222	02C-5	13	85	2:40	S	
AUG 11	223:18:32	2A-051	222	02C-5	13	85	1:19	L	
AUG 11	223:18:34	2B-041-6	222	02C-5	13	85	:20	L	
AUG 11	223:18:34	2B-041-7	222	02C-5	13	85	: 2.5	S	
AUG 11	223:18:34	2B-041-8	222	02C-5	13	85	: 0.3	L	
AUG 11	223:18:34	2B-042-1	222	02C-5	13	85	:10	S	-2 sec
AUG 11	223:18:35	2B-042-2	222	02C-5	13	85	: 1.3	L	
AUG 11	223:18:35	2B-042-3	222	02C-5	13	85	:40	S	
AUG 11	223:18:35	2B-042-4	222	02C-5	13	85	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	RP	TGT	EXP	WVL	
AUG 11	223:18:36	2B-042-5	222	02C-5	13	85	2:40	S	
AUG 11	223:18:38	2B-042-6	222	02C-5	13	85	:20	L	
AUG 11	223:18:39	2B-042-7	222	02C-5	13	85	: 2.5	S	
AUG 11	223:18:39	2B-042-8	222	02C-5	13	85	: 0.3	L	
AUG 11	223:18:39	2B-043-1	222	02C-5	13	85	:10	S	
AUG 11	223:18:39	2B-043-2	222	02C-5	13	85	: 1.3	L	0 sec
AUG 11	223:18:39	2B-043-3	222	02C-5	13	85	:40	S	
AUG 11	223:18:40	2B-043-4	222	02C-5	13	85	: 5	L	
AUG 11	223:18:40	2B-043-5	222	02C-5	13	85	2:40	S	
AUG 11	223:18:42	2B-043-6	222	02C-5	13	85	:20	L	
AUG 11	223:18:43	2B-043-7	222	02C-5	13	85	:10	S	
AUG 11	223:18:43	2B-043-8	222	02C-5	13	85	: 2.5	L	
AUG 11	223:18:43	2B-044-1	222	02C-5	13	85	:40	S	
AUG 11	223:18:44	2B-044-2	222	02C-5	13	85	:10	L	
AUG 11	223:18:44	2B-044-3	222	02C-5	13	85	2:40	S	+2 sec
AUG 11	223:18:47	2B-044-4	222	02C-5	13	85	:40	L	
AUG 11	223:18:47	2B-044-5	222	02C-5	13	85	10:40	S	
AUG 11	223:18:58	2B-044-6	222	02C-5	13	85	2:40	L	
AUG 11	223:19:01	2B-044-7	222	02C-5	13	85	:10	S	
AUG 11	223:19:01	2B-044-8	222	02C-5	13	85	: 2.5	L	
AUG 11	223:19:01	2B-045-1	222	02C-5	13	85	:40	S	
AUG 11	223:19:02	2B-045-2	222	02C-5	13	85	:10	L	
AUG 11	223:19:02	2B-045-3	222	02C-5	13	85	2:40	S	+4 sec
AUG 11	223:19:05	2B-045-4	222	02C-5	13	85	:40	L	
AUG 11	223:19:05	2B-045-5	222	02C-5	13	85	7:53	S	Sunset Termination
AUG 11	223:19:55	2B-045-6	223	02C-5	13	85	2:40	L	Begin 92 seconds prior to 400 km sunrise
AUG 11	223:19:57	2A-052	223	02C-5	13	85	1:19	L	
AUG 11	223:19:58	2B-045-7	223	02C-5	13	85	:10	S	
AUG 11	223:19:58	2B-045-8	223	02C-5	13	85	: 2.5	L	
AUG 11	223:19:58	2B-046-1	223	02C-5	13	85	:40	S	
AUG 11	223:19:59	2B-046-2	223	02C-5	13	85	:10	L	
AUG 11	223:19:59	2B-046-3	223	02C-5	13	85	2:40	S	+6 sec
AUG 11	223:20:02	2B-046-4	223	02C-5	13	85	:40	L	
AUG 11	223:20:03	2A-053	223	02C-5	13	85	5:19	L	
AUG 11	223:20:03	2B-046-5	223	02C-5	13	85	10:40	S	
AUG 11	223:20:13	2B-046-6	223	02C-5	13	85	2:40	L	
AUG 11	223:20:16	2B-046-7	223	02C-5	13	85	:10	S	
AUG 11	223:20:16	2B-046-8	223	02C-5	13	85	: 2.5	L	
AUG 11	223:20:16	2B-047-1	223	02C-5	13	85	:40	S	
AUG 11	223:20:17	2B-047-2	223	02C-5	13	85	:10	L	
AUG 11	223:20:17	2B-047-3	223	02C-5	13	85	2:40	S	+8 sec
AUG 11	223:20:19	2A-054	223	02C-5	13	85	1:20	L	
AUG 11	223:20:20	2B-047-4	223	02C-5	13	85	:40	L	
AUG 11	223:20:20	2B-047-5	223	02C-5	13	85	10:40	S	
AUG 11	223:20:31	2B-047-6	223	02C-5	13	85	2:40	L	
AUG 11	223:20:34	2B-047-7	223	02C-5	13	85	:16	S	
AUG 11	223:20:34	2B-047-8	223	02C-5	13	85	: 4	L	
AUG 11	223:20:34	2B-048-1	223	02C-5	13	85	1:04	S	
AUG 11	223:20:35	2B-048-2	223	02C-5	13	85	:16	L	
AUG 11	223:20:36	2B-048-3	223	02C-5	13	85	4:16	S	+12 sec
AUG 11	223:20:40	2B-048-4	223	02C-5	13	85	1:04	L	
AUG 11	223:20:41	2B-048-5	223	02C-5	13	85	5:20	S	Sunset Termination
AUG 11	223:21:31	2B-048-6	224	02C-5	13	85	4:16	L	
AUG 11	223:21:32	2A-055	224	02C-5	13	85	1:20	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL		
AUG 11	223:21:35	2B-048-7	224	02C-5	13	85	:16	S		
AUG 11	223:21:36	2B-048-8	224	02C-5	13	85	: 4	L		
AUG 11	223:21:36	2B-049-1	224	02C-5	13	85	1:04	S		
AUG 11	223:21:37	2B-049-2	224	02C-5	13	85	:16	L	+20 sec	End Limb Scan
AUG 11	223:21:37	2B-049-3	224	02C-5	13	85	4:16	S		
AUG 11	223:21:42	2B-049-4	224	02C-5	13	85	1:04	L		
AUG 11	223:21:43	2B-049-5	224	02C-5	13	85	17:04	S		
AUG 11	223:21:59	2A-056	224	02C-5	13	85	:39	S		
AUG 11	223:22:00	2B-049-6	224	02C-5	13	85	4:16	L		
AUG 11	223:22:07	2B-049-7	224	S16		85	: 7	L	+20 sec	Limb Study
AUG 11	223:22:08	2B-049-8	224	S16		85	11:59	L		
AUG 12	224:00:38	2A-057	226	06 -1	01A	SC	:39	S		
AUG 12	224:00:39	2A-058	226	06 -1	01A	SC	:39	L		
AUG 12	224:01:11	2B-050-1	226	02C-4	36	85	: 0.3	L		
AUG 12	224:01:11	2B-050-2	226	02C-4	36	85	: 2.5	S		
AUG 12	224:01:11	2B-050-3	226	02C-4	36	85	: 1.3	L		
AUG 12	224:01:11	2B-050-4	226	02C-4	36	85	:10	S		
AUG 12	224:01:11	2B-050-5	226	02C-4	36	85	: 5	L		
AUG 12	224:01:11	2B-050-6	226	02C-4	36	85	:40	S		
AUG 12	224:01:12	2A-059	226	02C-4	36A	85	1:20	L		
AUG 12	224:01:12	2B-050-7	226	02C-4	36	85	:20	L		
AUG 12	224:01:13	2B-050-8	226	02C-4	36	85	2:40	S		
AUG 12	224:01:16	2B-051-1	226	02C-4	36	85	3:19	S		
AUG 12	224:17:59	2B-051-2	237	06 -2	28	SC	14:46	S		
AUG 12	224:18:26	2B-051-3	237	02C-4	36	85	: 2.5	S		
AUG 12	224:18:26	2B-051-4	237	02C-4	36	85	: 0.3	L		
AUG 12	224:18:26	2B-051-5	237	02C-4	36	85	:10	S		
AUG 12	224:18:26	2B-051-6	237	02C-4	36	85	: 1.3	L		
AUG 12	224:18:26	2B-051-7	237	02C-4	36	85	:40	S		
AUG 12	224:18:27	2B-051-8	237	02C-4	36	85	: 5	L		
AUG 12	224:18:27	2B-052-1	237	02C-4	36	85	2:40	S		
AUG 12	224:18:30	2B-052-2	237	02C-4	36	85	:20	L		
AUG 12	224:19:12	2B-052-3	238	02C-4	36	85	3:20	S		
AUG 12	224:19:24	2B-052-4	238	02C-4	36	85	: 2.5	S		
AUG 12	224:19:24	2B-052-5	238	02C-4	36	85	: 0.3	L		
AUG 12	224:19:24	2B-052-6	238	02C-4	36	85	:10	S		
AUG 12	224:19:24	2B-052-7	238	02C-4	36	85	: 1.3	L		
AUG 12	224:19:24	2B-052-8	238	02C-4	36	85	:40	S		
AUG 12	224:19:25	2B-053-1	238	02C-4	36	85	: 5	L		
AUG 12	224:19:25	2B-053-2	238	02C-4	36	85	2:40	S		
AUG 12	224:19:28	2B-053-3	238	02C-4	36	85	:20	L		
AUG 12	224:19:33	2B-053-4	238	02C-4	36	85	: 0.3	L		
AUG 12	224:19:33	2B-053-5	238	02C-4	36	85	: 2.5	S		
AUG 12	224:19:33	2B-053-6	238	02C-4	36	85	: 1.3	L		
AUG 12	224:19:33	2B-053-7	238	02C-4	36	85	:10	S		
AUG 12	224:19:33	2B-053-8	238	02C-4	36	85	: 5	L		
AUG 12	224:19:33	2B-054-1	238	02C-4	36	85	:40	S		
AUG 12	224:19:34	2B-054-2	238	02C-4	36	85	:20	L		
AUG 12	224:19:34	2B-054-3	238	02C-4	36	85	2:40	S		
AUG 12	224:19:38	2B-054-4	238	02C-4	36	85	: 2.5	S		
AUG 12	224:19:38	2B-054-5	238	02C-4	36	85	: 0.3	L		
AUG 12	224:19:39	2B-054-6	238	02C-4	36	85	3:20	S		

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 12	224:19:52	2B-054-7	238	02C-4	36	85	:	2.5S	Pointing may be erratic; rate gyro problem
AUG 12	224:19:52	2B-054-8	238	02C-4	36	85	:	0.3L	
AUG 12	224:19:52	2B-055-1	238	02C-4	36	85	:10	S	
AUG 12	224:19:52	2B-055-2	238	02C-4	36	85	:	1.3L	
AUG 12	224:19:52	2B-055-3	238	02C-4	36	85	:40	S	
AUG 12	224:19:53	2B-055-4	238	02C-4	36	85	: 5	L	
AUG 12	224:19:53	2B-055-5	238	02C-4	36	85	2:40	S	
AUG 12	224:19:55	2B-055-6	238	02C-4	36	85	:20	L	
AUG 12	224:21:04	2B-055-7	239	02C-4	36A	85	:	0.3L	
AUG 12	224:21:05	2B-055-8	239	02C-4	36A	85	:	2.5S	
AUG 12	224:21:05	2B-056-1	239	02C-4	36A	85	:	1.3L	
AUG 12	224:21:05	2B-056-2	239	02C-4	36A	85	:10	S	
AUG 12	224:21:05	2B-056-3	239	02C-4	36A	85	: 5	L	
AUG 12	224:21:05	2B-056-4	239	02C-4	36A	85	:40	S	
AUG 12	224:21:06	2B-056-5	239	02C-4	36A	85	:20	L	
AUG 12	224:21:06	2B-056-6	239	02C-4	36A	85	2:40	S	
AUG 12	224:21:11	2B-056-7	239	02C-4	36A	85	3:19	S	
AUG 12	224:21:25	2B-056-8	239	02C-4	36B	85	:	2.5S	
AUG 12	224:21:25	2B-057-1	239	02C-4	36B	85	:	0.3L	
AUG 12	224:21:25	2B-057-2	239	02C-4	36B	85	:10	S	
AUG 12	224:21:25	2B-057-3	239	02C-4	36B	85	:	1.3L	
AUG 12	224:21:26	2B-057-4	239	02C-4	36B	85	:40	S	
AUG 12	224:21:26	2B-057-5	239	02C-4	36B	85	: 5	L	
AUG 12	224:21:26	2B-057-6	239	02C-4	36B	85	2:40	S	
AUG 12	224:21:29	2B-057-7	239	02C-4	36B	85	:20	L	
AUG 12	224:21:36	2B-057-8	239	12D		QR	: 9	S	
AUG 12	224:21:36	2B-058-1	239	12D		QR	:39	S	
AUG 12	224:23:04	2A-060	240	02C-1	02	SC	:09	S	
AUG 13	225:00:03	2B-058-2	241	12D		QR	:10	S	2 limb co-align (225:00:03) - NRL bias unchanged
AUG 13	225:00:04	2B-058-3	241	12D		QR	:40	S	
AUG 13	225:00:05	2B-058-4	241	12D		QR	2:39	S	
AUG 13	225:00:38	2B-058-5	241	S05		83	6:58	S	
AUG 13	225:01:29	2A-061	242	06 -1	01A	SC	1:19	L	
AUG 13	225:01:32	2A-062	242	06 -1	01A	SC	:39	S	
AUG 13	225:01:37	2A-063	242	06 -1	01A	SC	:40	S	
AUG 13	225:01:39	2A-064	242	06 -1	01A	SC	1:19	L	
AUG 13	225:01:57	2B-058-6	242	04B-4	11	F28	:	2.5S	
AUG 13	225:01:57	2B-058-7	242	04B-4	11	F28	:	0.3L	
AUG 13	225:01:57	2B-058-8	242	04B-4	11	F28	:10	S	
AUG 13	225:01:57	2B-059-1	242	04B-4	11	F28	:	1.3L	
AUG 13	225:01:57	2B-059-2	242	04B-4	11	F28	:40	S	
AUG 13	225:01:58	2B-059-3	242	04B-4	11	F28	: 5	L	
AUG 13	225:01:58	2B-059-4	242	04B-4	11	F28	2:40	S	
AUG 13	225:02:01	2B-059-5	242	04B-4	11	F28	:20	L	
AUG 13	225:02:05	2B-059-6	242	04B-4	11	F28	:	0.3L	
AUG 13	225:02:05	2B-059-7	242	04B-4	11	F28	:	2.5S	
AUG 13	225:02:05	2B-059-8	242	04B-4	11	F28	:	1.3L	
AUG 13	225:02:05	2B-060-1	242	04B-4	11	F28	:10	S	
AUG 13	225:02:05	2B-060-2	242	04B-4	11	F28	: 5	L	
AUG 13	225:02:05	2B-060-3	242	04B-4	11	F28	:40	S	
AUG 13	225:02:06	2B-060-4	242	04B-4	11	F28	:20	L	
AUG 13	225:02:06	2B-060-5	242	04B-4	11	F28	2:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
AUG 13	225:02:13	2B-060-6	242	S14		F28	: 2.8	L	
AUG 13	225:02:13	2B-060-7	242	S14		F28	: 0.3	L	
AUG 13	225:02:13	2B-060-8	242	S14		F28	: 0.3	L	
AUG 13	225:02:13	2B-061-1	242	S14		F28	: 0.3	L	
AUG 13	225:02:14	2B-061-2	242	S14		QR	: 0.5	L	Quiet region near filament 28
AUG 13	225:02:14	2B-061-3	242	S14		QR	: 0.3	L	
AUG 13	225:02:14	2B-061-4	242	S14		QR	: 0.3	L	
AUG 13	225:14:17	2A-065	250	06 -1	01A	SC	1:19	L	
AUG 13	225:14:19	2A-066	250	06 -1	01A	SC	:39	S	
AUG 13	225:14:25	2B-061-5	250	06 -1	01A	SC	4:59	S	
AUG 13	225:14:32	2B-061-6	250	06 -1	01B	SC	9:59	S	
AUG 13	225:15:35	2B-061-7	251	01A-1	11	NC1	: 2.5	S	
AUG 13	225:15:35	2B-061-8	251	01A-1	11	NC1	: 0.3	L	
AUG 13	225:15:35	2B-062-1	251	01A-1	11	NC1	:10	S	
AUG 13	225:15:35	2B-062-2	251	01A-1	11	NC1	: 1.3	L	
AUG 13	225:15:35	2B-062-3	251	01A-1	11	NC1	:40	S	
AUG 13	225:15:36	2B-062-4	251	01A-1	11	NC1	: 5	L	
AUG 13	225:15:36	2B-062-5	251	01A-1	11	NC1	2:40	S	
AUG 13	225:15:39	2B-062-6	251	01A-1	11	NC1	:20	L	
AUG 13	225:15:44	2B-062-7	251	01A-2	11	NC1	: 0.3	L	
AUG 13	225:15:44	2B-062-8	251	01A-2	11	NC1	: 2.5	S	
AUG 13	225:15:44	2B-063-1	251	01A-2	11	NC1	: 1.3	L	
AUG 13	225:15:44	2B-063-2	251	01A-2	11	NC1	:10	S	
AUG 13	225:15:44	2B-063-3	251	01A-2	11	NC1	: 5	L	
AUG 13	225:15:44	2B-063-4	251	01A-2	11	NC1	:40	S	
AUG 13	225:15:45	2B-063-5	251	01A-2	11	NC1	:20	L	
AUG 13	225:15:45	2B-063-6	251	01A-2	11	NC1	2:40	S	
AUG 13	225:15:51	2B-063-7	251	01A-3	11	NC1	: 2.5	S	
AUG 13	225:15:51	2B-063-8	251	01A-3	11	NC1	: 0.3	L	
AUG 13	225:15:51	2B-064-1	251	01A-3	11	NC1	:10	S	
AUG 13	225:15:51	2B-064-2	251	01A-3	11	NC1	: 1.3	L	
AUG 13	225:15:51	2B-064-3	251	01A-3	11	NC1	:40	S	
AUG 13	225:15:52	2B-064-4	251	01A-3	11	NC1	: 5	L	
AUG 13	225:15:52	2B-064-5	251	01A-3	11	NC1	2:40	S	
AUG 13	225:15:55	2B-064-6	251	01A-3	11	NC1	:20	L	
AUG 13	225:16:13	2B-064-7	251	12D-1		QR	:10	U	Slew calibration - predisperser between positions
AUG 13	225:16:13	2B-064-8	251	12D-1		QR	:40	U	
AUG 13	225:16:14	2B-065-1	251	12D-1		QR	2:39	U	
AUG 13	225:17:05	2B-065-2	252	01A-5	11	NC1	: 0.3	L	
AUG 13	225:17:05	2B-065-3	252	01A-5	11	NC1	: 2.5	S	
AUG 13	225:17:05	2B-065-4	252	01A-5	11	NC1	: 1.3	L	
AUG 13	225:17:05	2B-065-5	252	01A-5	11	NC1	:10	S	
AUG 13	225:17:05	2B-065-6	252	01A-5	11	NC1	: 5	L	
AUG 13	225:17:05	2B-065-7	252	01A-5	11	NC1	:40	S	
AUG 13	225:17:06	2B-065-8	252	01A-5	11	NC1	:20	L	
AUG 13	225:17:06	2B-066-1	252	01A-5	11	NC1	2:40	S	
AUG 13	225:17:14	2B-066-2	252	01A-6	11	NC1	: 2.5	S	
AUG 13	225:17:14	2B-066-3	252	01A-6	11	NC1	: 0.3	L	
AUG 13	225:17:14	2B-066-4	252	01A-6	11	NC1	:10	S	
AUG 13	225:17:14	2B-066-5	252	01A-6	11	NC1	: 1.3	L	
AUG 13	225:17:14	2B-066-6	252	01A-6	11	NC1	:40	S	
AUG 13	225:17:15	2B-066-7	252	01A-6	11	NC1	: 5	L	
AUG 13	225:17:15	2B-066-8	252	01A-6	11	NC1	2:40	S	
AUG 13	225:17:1[illegible]	2B-067-1	252	01A-6	11	NC1	:20	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 13	225:17:22	2B-067-2	252	01A-7	11	NC1	: 0.3	L	
AUG 13	225:17:22	2B-067-3	252	01A-7	11	NC1	: 2.5	S	
AUG 13	225:17:22	2B-067-4	252	01A-7	11	NC1	: 1.3	L	
AUG 13	225:17:22	2B-067-5	252	01A-7	11	NC1	:10	S	
AUG 13	225:17:22	2B-067-6	252	01A-7	11	NC1	: 5	L	
AUG 13	225:17:22	2B-067-7	252	01A-7	11	NC1	:40	S	
AUG 13	225:17:23	2B-067-8	252	01A-7	11	NC1	:20	L	
AUG 13	225:17:23	2B-068-1	252	01A-7	11	NC1	2:40	S	
AUG 13	225:19:15	2B-068-2	253	01A-0	11	NC1	: 2.5	S	
AUG 13	225:19:15	2B-068-3	253	01A-0	11	NC1	: 0.3	L	
AUG 13	225:19:15	2B-068-4	253	01A-0	11	NC1	:10	S	
AUG 13	225:19:15	2B-068-5	253	01A-0	11	NC1	: 1.3	L	
AUG 13	225:19:15	2B-068-6	253	01A-0	11	NC1	:40	S	
AUG 13	225:19:16	2B-068-7	253	01A-0	11	NC1	: 5	L	
AUG 13	225:19:16	2B-068-8	253	01A-0	11	NC1	2:40	S	
AUG 13	225:19:19	2B-069-1	253	01A-0	11	NC1	:20	L	
AUG 13	225:20:14	2B-069-2	254	04B-2	36A	F28	: 0.3	L	
AUG 13	225:20:14	2B-069-3	254	04B-2	36A	F28	: 2.5	S	
AUG 13	225:20:15	2B-069-4	254	04B-2	36A	F28	: 1.3	L	
AUG 13	225:20:15	2B-069-5	254	04B-2	36A	F28	:10	S	
AUG 13	225:20:15	2B-069-6	254	04B-2	36A	F28	: 5	L	
AUG 13	225:20:16	2A-067	254	04B-2	36A	F28	:19	L	
AUG 13	225:20:20	2A-068	254	04B-2	36A	F28	2:39	L	
AUG 13	225:20:29	2B-069-7	254	04B-2	36B	F28	: 2.5	U	Predisperser between positions
AUG 13	225:20:29	2B-069-8	254	04B-2	36B	F28	: 0.3	U	
AUG 13	225:20:30	2B-070-1	254	04B-2	36B	F28	:10	U	
AUG 13	225:20:30	2B-070-2	254	04B-2	36B	F28	: 1.3	L	
AUG 13	225:20:30	2B-070-3	254	04B-2	36B	F28	:40	S	
AUG 13	225:20:30	2B-070-4	254	04B-2	36B	F28	: 5	L	
AUG 13	225:20:31	2B-070-5	254	04B-2	36B	F28	2:40	S	
AUG 13	225:20:33	2B-070-6	254	04B-2	36B	F28	:20	L	
AUG 13	225:20:42	2A-069	254	01A-1	33A	NC1	:09	S	
AUG 13	225:20:45	2A-070	254	01A-1	33A	NC1	:39	S	
AUG 13	225:21:57	2B-070-7	255	04B-2	36A	F28	: 2.5	S	
AUG 13	225:21:57	2B-070-8	255	04B-2	36A	F28	: 0.3	L	
AUG 13	225:21:57	2B-071-1	255	04B-2	36A	F28	:10	S	
AUG 13	225:21:57	2B-071-2	255	04B-2	36A	F28	: 1.3	L	
AUG 13	225:21:57	2B-071-3	255	04B-2	36A	F28	:40	S	
AUG 13	225:21:58	2B-071-4	255	04B-2	36A	F28	: 5	L	
AUG 13	225:21:58	2B-071-5	255	04B-2	36A	F28	2:40	S	
AUG 13	225:22:01	2B-071-6	255	04B-2	36A	F28	:20	L	
AUG 13	225:22:02	2B-071-7	255	04B-2	36A	F28	3:20	S	
AUG 13	225:22:13	2B-071-8	255	04B-2	36B	F28	: 2.5	S	
AUG 13	225:22:13	2B-072-1	255	04B-2	36B	F28	: 0.3	L	
AUG 13	225:22:13	2B-072-2	255	04B-2	36B	F28	:10	S	
AUG 13	225:22:13	2B-072-3	255	04B-2	36B	F28	: 1.3	L	
AUG 13	225:22:13	2B-072-4	255	04B-2	36B	F28	:40	S	
AUG 13	225:22:14	2B-072-5	255	04B-2	36B	F28	: 5	L	
AUG 13	225:22:14	2B-072-6	255	04B-2	36B	F28	2:40	S	
AUG 13	225:22:17	2B-072-7	255	04B-2	36B	F28	:20	L	
AUG 13	225:22:19	2B-072-8	255	04B-3	11	F28	: 0.3	L	
AUG 13	225:22:19	2B-073-1	255	04B-3	11	F28	: 2.5	S	
AUG 13	225:22:20	2B-073-2	255	04B-3	11	F28	: 1.3	L	
AUG 13	225:22:20	2B-073-3	255	04B-3	11	F28	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 13	225:22:20	2B-073-4	255	04B-3	11	F28	: 5	L	
AUG 13	225:22:20	2B-073-5	255	04B-3	11	F28	:40	S	
AUG 13	225:22:21	2B-073-6	255	04B-3	11	F28	:20	L	
AUG 13	225:22:21	2B-073-7	255	04B-3	11	F28	2:40	S	
AUG 13	225:23:39	2B-073-8	256	15B-2	36	CH1	:16	S	
AUG 13	225:23:39	2B-074-1	256	15B-2	36	CH1	: 4	L	
AUG 13	225:23:39	2B-074-2	256	15B-2	36	CH1	1:04	S	
AUG 13	225:23:40	2B-074-3	256	15B-2	36	CH1	:16	L	
AUG 13	225:23:41	2B-074-4	256	15B-2	36	CH1	4:16	S	
AUG 13	225:23:45	2B-074-5	256	15B-2	36	CH1	1:04	L	+18 sec
AUG 13	225:23:46	2B-074-6	256	15B-2	36	CH1	9:35	S	
AUG 13	225:23:56	2B-074-7	256	15B-2	36A	CH1	:16	S	
AUG 13	225:23:56	2B-074-8	256	15B-2	36A	CH1	: 4	L	
AUG 13	225:23:57	2B-075-1	256	15B-2	36A	CH1	1:04	S	
AUG 13	225:23:58	2B-075-2	256	15B-2	36A	CH1	:16	L	
AUG 13	225:23:58	2B-075-3	256	15B-2	36A	CH1	1:30	S	
AUG 14	226:00:50	2A-071	257	06 -1	01A	SC	:39	L	
AUG 14	226:00:51	2A-072	257	06 -1	01A	SC	:10	S	
AUG 14	226:00:59	2B-075-4	257	06 -1	01B	SC	4:59	S	
AUG 14	226:01:05	2B-075-5	257	06 -1	01B	SC	9:59	S	
AUG 14	226:13:14	2A-073	265	06 -1	01A	SC	1:40	L	
AUG 14	226:13:19	2A-074	265	06 -1	01A	SC	:39	S	
AUG 14	226:13:26	2A-075	265	06 -1	01A	SC	:10	S	
AUG 14	226:13:27	2A-076	265	06 -1	01A	SC	1:40	L	
AUG 14	226:13:54	2B-075-6	265	04B	11	P29	5:59	S	
AUG 14	226:13:56	2A-077	265	04A-4	11	P29	2:31	L	
AUG 14	226:14:02	2B-075-7	265	04B	11	P29	: 2.5S		
AUG 14	226:14:02	2B-075-8	265	04B	11	P29	: 0.3L		
AUG 14	226:14:02	2B-076-1	265	04B	11	P29	:10	S	
AUG 14	226:14:02	2B-076-2	265	04B	11	P29	: 1.3L		
AUG 14	226:14:02	2B-076-3	265	04B	11	P29	:40	S	
AUG 14	226:14:03	2B-076-4	265	04B	11	P29	: 5	L	
AUG 14	226:14:03	2B-076-5	265	04B	11	P29	:17	S	
AUG 14	226:14:45	2B-076-6	266	05B-4	13	LS5	: 2.5S		
AUG 14	226:14:45	2B-076-7	266	05B-4	13	LS5	: 0.3L		
AUG 14	226:14:45	2B-076-8	266	05B-4	13	LS5	:10	S	
AUG 14	226:14:45	2B-077-1	266	05B-4	13	LS5	: 1.3L		
AUG 14	226:14:45	2B-077-2	266	05B-4	13	LS5	:40	S	-12 sec
AUG 14	226:14:46	2B-077-3	266	05B-4	13	LS5	: 5	L	
AUG 14	226:14:46	2B-077-4	266	05B-4	13	LS5	2:40	S	
AUG 14	226:14:49	2B-077-5	266	05B-4	13	LS5	:20	L	
AUG 14	226:14:49	2B-077-6	266	05B-4	13	LS5	: 2.5S		
AUG 14	226:14:49	2B-077-7	266	05B-4	13	LS5	: 0.3L		
AUG 14	226:14:49	2B-077-8	266	05B-4	13	LS5	:10	S	
AUG 14	226:14:50	2B-078-1	266	05B-4	13	LS5	: 1.3L		
AUG 14	226:14:50	2B-078-2	266	05B-4	13	LS5	:40	S	-4 sec
AUG 14	226:14:50	2B-078-3	266	05B-4	13	LS5	: 5	L	
AUG 14	226:14:51	2B-078-4	266	05B-4	13	LS5	2:40	S	
AUG 14	226:14:53	2B-078-5	266	05B-4	13	LS5	:20	L	
AUG 14	226:14:54	2B-078-6	266	05B-4	13	LS5	: 2.5S		
AUG 14	226:14:54	2B-078-7	266	05B-4	13	LS5	: 0.3L		
AUG 14	226:14:54	2B-078-8	266	05B-4	13	LS5	:10	S	

Limb Study: Roll -10404; R/L 988.7; U/D 101.2 (above east limb)

Begin limb scan over north pole (Roll -5400; R/L 971; U/D 055)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 14	226:14:54	2B-079-1	266	05B-4	13	LS5	: 1.3	L	-2 sec
AUG 14	226:14:54	2B-079-2	266	05B-4	13	LS5	:40	S	
AUG 14	226:14:55	2B-079-3	266	05B-4	13	LS5	: 5	L	
AUG 14	226:14:55	2B-079-4	266	05B-4	13	LS5	2:40	S	
AUG 14	226:14:58	2B-079-5	266	05B-4	13	LS5	:20	L	
AUG 14	226:14:58	2B-079-6	266	05B-4	13	LS5	: 2.5	S	
AUG 14	226:14:58	2B-079-7	266	05B-4	13	LS5	: 0.3	L	
AUG 14	226:14:58	2B-079-8	266	05B-4	13	LS5	:10	S	
AUG 14	226:14:58	2B-080-1	266	05B-4	13	LS5	: 1.3	L	0 sec
AUG 14	226:14:58	2B-080-2	266	05B-4	13	LS5	:40	S	
AUG 14	226:14:59	2B-080-3	266	05B-4	13	LS5	: 5	L	
AUG 14	226:14:59	2B-080-4	266	05B-4	13	LS5	2:40	S	
AUG 14	226:15:02	2B-080-5	266	05B-4	13	LS5	:20	L	
AUG 14	226:15:02	2B-080-6	266	05B-4	13	LS5	:10	S	
AUG 14	226:15:02	2B-080-7	266	05B-4	13	LS5	: 2.5	L	
AUG 14	226:15:02	2B-080-8	266	05B-4	13	LS5	:40	S	
AUG 14	226:15:03	2B-081-1	266	05B-4	13	LS5	:10	L	+2 sec
AUG 14	226:15:03	2B-081-2	266	05B-4	13	LS5	2:40	S	
AUG 14	226:15:06	2B-081-3	266	05B-4	13	LS5	:40	L	
AUG 14	226:15:07	2B-081-4	266	05B-4	13	LS5	10:40	S	
AUG 14	226:15:17	2B-081-5	266	05B-4	13	LS5	2:40	L	
AUG 14	226:15:20	2B-081-6	266	05B-4	13	LS5	:10	S	
AUG 14	226:15:20	2B-081-7	266	05B-4	13	LS5	: 2.5	L	
AUG 14	226:15:20	2B-081-8	266	05B-4	13	LS5	:40	S	
AUG 14	226:15:21	2B-082-1	266	05B-4	13	LS5	:10	L	+4 sec
AUG 14	226:15:21	2B-082-2	266	05B-4	13	LS5	2:40	S	
AUG 14	226:15:24	2B-082-3	266	05B-4	13	LS5	:40	L	
AUG 14	226:15:25	2B-082-4	266	05B-4	13	LS5	10:40	S	
AUG 14	226:15:35	2B-082-5	266	05B-4	13	LS5	:39	L	
AUG 14	226:16:19	2B-082-6	267	05B-4	13	LS5	:10	S	
AUG 14	226:16:19	2B-082-7	267	05B-4	13	LS5	: 2.5	L	
AUG 14	226:16:19	2B-082-8	267	05B-4	13	LS5	:40	S	
AUG 14	226:16:20	2B-083-1	267	05B-4	13	LS5	:10	L	+6 sec
AUG 14	226:16:20	2B-083-2	267	05B-4	13	LS5	2:40	S	
AUG 14	226:16:23	2B-083-3	267	05B-4	13	LS5	:40	L	
AUG 14	226:16:24	2B-083-4	267	05B-4	13	LS5	10:40	S	
AUG 14	226:16:34	2B-083-5	267	05B-4	13	LS5	2:40	L	
AUG 14	226:16:37	2B-083-6	267	05B-4	13	LS5	:10	S	
AUG 14	226:16:37	2B-083-7	267	05B-4	13	LS5	: 2.5	L	
AUG 14	226:16:37	2B-083-8	267	05B-4	13	LS5	:40	S	
AUG 14	226:16:38	2B-084-1	267	05B-4	13	LS5	:10	S	+8 sec
AUG 14	226:16:38	2B-084-2	267	05B-4	13	LS5	2:40	S	
AUG 14	226:16:41	2B-084-3	267	05B-4	13	LS5	:40	L	
AUG 14	226:16:42	2B-084-4	267	05B-4	13	LS5	10:40	S	
AUG 14	226:16:52	2B-084-5	267	05B-4	13	LS5	2:40	L	
AUG 14	226:16:55	2B-084-6	267	05B-4	13	LS5	:16	S	
AUG 14	226:16:55	2B-084-7	267	05B-4	13	LS5	: 4.2	L	
AUG 14	226:16:55	2B-084-8	267	05B-4	13	LS5	1:04	S	
AUG 14	226:16:56	2B-085-1	267	05B-4	13	LS5	:16	L	
AUG 14	226:16:57	2B-085-2	267	05B-4	13	LS5	4:16	S	+12 sec
AUG 14	226:17:01	2B-085-3	267	05B-4	13	LS5	1:02	L	
AUG 14	226:17:02	2B-085-4	267	05B-4	13	LS5	6:58	S	
AUG 14	226:17:54	2B-085-5	268	05B-4	13	LS5	4:18	L	
AUG 14	226:17:58	2B-085-6	268	05B-4	13	LS5	:16	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	L/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 14	226:17:58	2B-085-7	268	05B-4	13	LS5	: 4	L	
AUG 14	226:17:58	2B-085-8	268	05B-4	13	LS5	1:04	S	+20 sec
AUG 14	226:18:00	2B-086-1	268	05B-4	13	LS5	:16	L	
AUG 14	226:18:00	2B-086-2	268	05B-4	13	LS5	4:16	S	
AUG 14	226:18:04	2B-086-3	268	05B-4	13	LS5	1:04	L	End limb scan
AUG 14	226:18:05	2B-086-4	268	05B-4	13	LS5	17:04	S	
AUG 14	226:18:22	2B-086-5	268	05B-4	13	LS5	4:16	L	
AUG 14	226:19:23	2A-078	269	05B-1	02	SC	2:39	L	
AUG 14	226:19:27	2A-079	269	05B-1	02	SC	2:39	L	
AUG 14	226:19:42	2B-086-6	269	05B-2	06	LS1	: 0.3	L	
AUG 14	226:19:42	2B-086-7	269	05B-2	06	LS1	: 2.5	S	
AUG 14	226:19:42	2B-086-8	269	05B-2	06	LS1	: 1.3	L	
AUG 14	226:19:42	2B-087-1	269	05B-2	06	LS1	:10	S	
AUG 14	226:19:42	2B-087-2	269	05B-2	06	LS1	: 5	L	
AUG 14	226:19:42	2B-087-3	269	05B-2	06	LS1	:40	S	
AUG 14	226:19:43	2B-087-4	269	05B-2	06	LS1	:20	L	
AUG 14	226:19:43	2B-087-5	269	05B-2	06	LS1	2:40	S	
AUG 14	226:19:46	2B-087-6	269	05B-2	06	LS1	3:19	S	
AUG 14	226:19:55	2B-087-7	269	05B-3	06	LS2	: 2.5	S	
AUG 14	226:19:55	2B-087-8	269	05B-3	06	LS2	: 0.3	L	
AUG 14	226:19:55	2B-088-1	269	05B-3	06	LS2	:10	S	
AUG 14	226:19:55	2B-088-2	269	05B-3	06	LS2	: 1.3	L	
AUG 14	226:19:55	2B-088-3	269	05B-3	06	LS2	:40	S	
AUG 14	226:19:56	2B-088-4	269	05B-3	06	LS2	: 5	L	
AUG 14	226:19:56	2B-088-5	269	05B-3	06	LS2	2:08	S	
AUG 14	226:20:01	2B-088-6	269	05B-3	06	LS2	3:19	S	
AUG 14	226:20:12	2B-088-7	269	S05		86	: 0.3	S	
AUG 14	226:20:13	2B-088-8	269	S05		86	: 1.5	S	
AUG 14	226:20:14	2B-089-1	269	S05		86	: 9	S	
AUG 14	226:20:15	2B-089-2	269	S05		86	:39	S	
AUG 14	226:20:59	2B-089-3	270	05B-3	06	LS3	: 2.5	S	
AUG 14	226:20:59	2B-089-4	270	05B-3	06	LS3	: 0.3	L	
AUG 14	226:20:59	2B-089-5	270	05B-3	06	LS3	:10	S	
AUG 14	226:20:59	2B-089-6	270	05B-3	06	LS3	: 1.3	L	
AUG 14	226:20:59	2B-089-7	270	05B-3	06	LS3	:40	S	
AUG 14	226:21:00	2B-089-8	270	05B-3	06	LS3	: 5	L	
AUG 14	226:21:00	2B-090-1	270	05B-3	06	LS3	2:40	S	
AUG 14	226:21:03	2B-090-2	270	05B-3	06	LS3	:20	L	
AUG 14	226:21:03	2B-090-3	270	05B-3	06	LS3	3:19	S	
AUG 14	226:21:12	2B-090-4	270	05B-3	06	LS4	: 2.5	S	
AUG 14	226:21:12	2B-090-5	270	05B-3	06	LS4	: 0.3	L	
AUG 14	226:21:12	2B-090-6	270	05B-3	06	LS4	:10	S	
AUG 14	226:21:12	2B-090-7	270	05B-3	06	LS4	: 1.3	L	
AUG 14	226:21:12	2B-090-8	270	05B-3	06	LS4	:40	S	
AUG 14	226:21:13	2B-091-1	270	05B-3	06	LS4	: 5	L	
AUG 14	226:21:13	2B-091-2	270	05B-3	06	LS4	2:40	S	
AUG 14	226:21:16	2B-091-3	270	05B-3	06	LS4	:20	L	
AUG 14	226:21:16	2B-091-4	270	05B-3	06	LS4	3:19	S	
AUG 14	226:21:30	2B-091-5	270	04B-4	11	F28	: 2.5	S	
AUG 14	226:21:30	2B-091-6	270	04B-4	11	F28	: 0.3	L	
AUG 14	226:21:30	2B-091-7	270	04B-4	11	F28	:10	S	
AUG 14	226:21:30	2B-091-8	270	04B-4	11	F28	: 1.3	L	
AUG 14	226:21:30	2B-092-1	270	04B-4	11	F28	:40	S	
AUG 14	226:21:31	2B-092-2	270	04B-4	11	F28	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL
AUG 14	226:21:31	2B-092-3	270	04B-4	11	F28	2:40	S
AUG 14	226:21:34	2B-092-4	270	04B-4	11	F28	:20	L
AUG 14	226:21:38	2B-092-5	270	04B		F28	: 2.5	S
AUG 14	226:21:38	2B-092-6	270	04B		F28	: 0.3	L
AUG 14	226:21:38	2B-092-7	270	04B		F28	:10	S
AUG 14	226:21:38	2B-092-8	270	04B		F28	: 1.3	L
AUG 14	226:21:38	2B-093-1	270	04B		F28	:40	S
AUG 14	226:21:39	2B-093-2	270	04B		F28	: 5	L
AUG 14	226:21:39	2B-093-3	270	04B		F28	2:40	S
AUG 14	226:21:42	2B-093-4	270	04B		F28	:20	L
AUG 14	226:22:31	2B-093-5	271	05B-5	29	LS5	:10	S
AUG 14	226:22:32	2B-093-6	271	05B-5	29	LS5	: 2.5	L
AUG 14	226:22:32	2B-093-7	271	05B-5	29	LS5	:40	S
AUG 14	226:22:32	2B-093-8	271	05B-5	29	LS5	:10	L
AUG 14	226:22:33	2B-094-1	271	05B-5	29	LS5	2:40	S
AUG 14	226:22:35	2B-094-2	271	05B-5	29	LS5	:40	L
AUG 14	226:22:36	2B-094-3	271	05B-5	29	LS5	10:40	S
AUG 14	226:22:47	2B-094-4	271	05B-5	29	LS5	1:33	L
AUG 14	226:22:49	2B-094-5	271	05B-5	29	LS5	4:58	S
AUG 15	227:00:15	2B-094-6	272	05B-5	29	LS5	30:00	L
AUG 15	227:01:41	2A-080	273	06 -1	01A	SC	:40	L
AUG 15	227:01:43	2A-081	273	06 -1	01A	SC	:09	S
AUG 15	227:01:50	2A-082	273	06 -1	01B	SC	:39	S
AUG 15	227:01:52	2A-083	273	06 -1	01B	SC	:19	L
AUG 15	227:02:12	2B-094-7	273	04B-4	11	F28	: 0.3	L
AUG 15	227:02:12	2B-094-8	273	04B-4	11	F28	: 2.5	S
AUG 15	227:02:12	2B-095-1	273	04B-4	11	F28	: 1.3	L
AUG 15	227:02:12	2B-095-2	273	04B-4	11	F28	:10	S
AUG 15	227:02:12	2B-095-3	273	04B-4	11	F28	: 5	L
AUG 15	227:02:12	2B-095-4	273	04B-4	11	F28	:40	S
AUG 15	227:02:13	2B-095-5	273	04B-4	11	F28	:20	L
AUG 15	227:02:13	2B-095-6	273	04B-4	11	F28	2:40	S
AUG 15	227:02:21	2B-095-7	273	04B-3	10	F28	: 2.5	S
AUG 15	227:02:21	2B-095-8	273	04B-3	10	F28	: 0.3	L
AUG 15	227:02:21	2B-096-1	273	04B-3	10	F28	:10	S
AUG 15	227:02:21	2B-096-2	273	04B-3	10	F28	: 1.3	L
AUG 15	227:02:21	2B-096-3	273	04B-3	10	F28	:40	S
AUG 15	227:02:22	2B-096-4	273	04B-3	10	F28	: 5	L
AUG 15	227:02:22	2B-096-5	273	04B-3	10	F28	2:40	S
AUG 15	227:02:25	2B-096-6	273	04B-3	10	F28	:20	L
AUG 15	227:12:46	2B-096-7	280	S05		87	: 2	S
AUG 15	227:12:46	2B-096-8	280	S05		87	:10	S
AUG 15	227:12:47	2B-097-1	280	S05		87	4:01	S
AUG 15	227:12:57	2B-097-2	280	S05		87	: 2	S
AUG 15	227:12:57	2B-097-3	280	S05		87	:10	S
AUG 15	227:12:57	2B-097-4	280	S05		87	:40	S
AUG 15	227:13:14	2B-097-5	280	S05		87	1:50	S
AUG 15	227:13:18	2B-097-6	280	S05		87	2:44	S
AUG 15	227:13:21	2B-097-7	280	S05		87	:21	S
AUG 15	227:14:20	2A-084	281	06 -1	01A	SC	1:40	L
AUG 15	227:14:23	2A-085	281	06 -1	01A	SC	:39	S
AUG 15	227:14:30	2A-086	281	06 -1	01B	SC	1:39	L

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL
AUG 15	227:14:33	2B-097-8	281	06 -1	01B	SC	2:59	S
AUG 15	227:14:37	2B-098-1	281	06 -1	01B	SC	5:59	S
AUG 15	227:14:52	2B-098-2	281	04B-1	33B	F33	: 2.5	S
AUG 15	227:14:52	2B-098-3	281	04B-1	33B	F33	: 0.3	L
AUG 15	227:14:52	2B-098-4	281	04B-1	33B	F33	:10	S
AUG 15	227:14:53	2B-098-5	281	04B-1	33B	F33	: 1.3	L
AUG 15	227:14:53	2B-098-6	281	04B-1	33B	F33	:40	S
AUG 15	227:14:53	2B-098-7	281	04B-1	33B	F33	: 5	L
AUG 15	227:14:53	2B-098-8	281	04B-1	33B	F33	2:40	S
AUG 15	227:14:56	2B-099-1	281	04B-1	33B	F33	:20	L
AUG 15	227:15:40	2A-087	282	11 -2	10	90	:09	S
AUG 15	227:16:15	2A-088	282	11 -5	10	90	:40	S
AUG 15	227:16:15	2B-099-2	282	11 -5	10	90	: 0.3	L
AUG 15	227:16:15	2B-099-3	282	11 -5	10	90	: 2.5	S
AUG 15	227:16:15	2B-099-4	282	11 -5	10	90	: 1.3	L
AUG 15	227:16:15	2B-099-5	282	11 -5	10	90	:10	S
AUG 15	227:16:15	2B-099-6	282	11 -5	10	90	: 5	L
AUG 15	227:16:15	2B-099-7	282	11 -5	10	90	:40	S
AUG 15	227:16:16	2B-099-8	282	11 -5	10	90	:20	L
AUG 15	227:16:17	2B-100-1	282	11 -5	10	90	2:40	S
AUG 15	227:17:10	2A-089	283	11 -2	10	QR1	:09	S
AUG 15	227:17:10	2B-100-2	283	S14		QR	: 2.5	S
AUG 15	227:17:10	2B-100-3	283	S14		QR	: 0.3	L
AUG 15	227:17:10	2B-100-4	283	S14		QR	: 7	S
AUG 15	227:17:22	2B-100-5	283	11 -2	10	QR1	: 0.5	L
AUG 15	227:17:22	2B-100-6	283	11 -2		QR1	: 0.2	L
AUG 15	227:17:22	2B-100-7	283	11 -2		QR1	: 0.5	L
AUG 15	227:17:54	2A-090	283	11 -5	10	QR1	:39	S
AUG 15	227:18:52	2B-100-8	284	01A	11	BS1	: 0.5	L
AUG 15	227:18:52	2B-101-1	284	01A	11	BS1	: 2.5	S
AUG 15	227:18:52	2B-101-2	284	01A	11	BS1	: 1.3	L
AUG 15	227:18:52	2B-101-3	284	01A	11	BS1	:10	S
AUG 15	227:18:53	2B-101-4	284	01A	11	BS1	: 5	L
AUG 15	227:18:53	2B-101-5	284	01A	11	BS1	:40	S
AUG 15	227:18:53	2B-101-6	284	01A	11	BS1	:20	L
AUG 15	227:18:54	2B-101-7	284	01A	11	BS1	2:40	S
AUG 15	227:19:09	2A-091	284	06 -2	02	SC	2:39	L
AUG 15	227:19:24	2B-101-8	284	02A-6	07	90	: 2.5	S
AUG 15	227:19:24	2B-102-1	284	02A-6	07	90	: 0.3	L
AUG 15	227:19:24	2B-102-2	284	02A-6	07	90	:10	S
AUG 15	227:19:25	2B-102-3	284	02A-6	07	90	: 1.3	L
AUG 15	227:19:25	2B-102-4	284	02A-6	07	90	:40	S
AUG 15	227:19:25	2B-102-5	284	02A-6	07	90	: 5	L
AUG 15	227:19:26	2B-102-6	284	02A-6	07	90	2:40	S
AUG 15	227:19:28	2B-102-7	284	02A-6	07	90	:20	L
AUG 15	227:19:31	2A-092	284	2A -6	07	90	:10	S
AUG 15	227:19:33	2B-102-8	284	S03	10	F37	: 2.5	S
AUG 15	227:19:33	2B-103-1	284	S03	10	F37	: 0.3	L
AUG 15	227:19:33	2B-103-2	284	S03	10	F37	: 1.3	S
AUG 15	227:19:33	2B-103-3	284	S03	10	F37	: 2.5	S
AUG 15	227:19:33	2B-103-4	284	S03	10	F37	: 0.3	L
AUG 15	227:19:33	2B-103-5	284	S03	10	F37	:10	S
AUG 15	227:19:34	2B-103-6	284	S03	10	F37	: 1.3	L
AUG 15	227:19:34	2B-103-7	284	S03	10	F37	:25	S

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP WVL
AUG 15	227:20:36	2B-103-8	285	17A-1	11	BS1	: 2.5S
AUG 15	227:20:36	2B-104-1	285	17A-1	11	BS1	: 0.3L
AUG 15	227:20:36	2B-104-2	285	17A-1	11	BS1	:10 S
AUG 15	227:20:36	2B-104-3	285	17A-1	11	BS1	: 1.3L
AUG 15	227:20:36	2B-104-4	285	17A-1	11	BS1	:40 S
AUG 15	227:20:37	2B-104-5	285	17A-1	11	BS1	: 5 L
AUG 15	227:20:37	2B-104-6	285	17A-1	11	BS1	2:40 S
AUG 15	227:20:40	2B-104-7	285	17A-1	11	BS1	:20 L
AUG 15	227:20:42	2B-104-8	285	17A-2	11	BS1	: 0.3L
AUG 15	227:20:42	2B-105-1	285	17A-2	11	BS1	: 2.5S
AUG 15	227:20:43	2B-105-2	285	17A-2	11	BS1	: 1.3L
AUG 15	227:20:43	2B-105-3	285	17A-2	11	BS1	:10 S
AUG 15	227:20:43	2B-105-4	285	17A-2	11	BS1	: 5 L
AUG 15	227:20:43	2B-105-5	285	17A-2	11	BS1	:40 S
AUG 15	227:20:44	2B-105-6	285	17A-2	11	BS1	:20 L
AUG 15	227:20:44	2B-105-7	285	17A-2	11	BS1	2:40 S
AUG 15	227:20:53	2B-105-8	285	17A-3	11	BS1	: 2.5S
AUG 15	227:20:53	2B-106-1	285	17A-3	11	BS1	: 0.3L
AUG 15	227:20:53	2B-106-2	285	17A-3	11	BS1	:10 S
AUG 15	227:20:53	2B-106-3	285	17A-3	11	BS1	: 1.3L
AUG 15	227:20:53	2B-106-4	285	17A-3	11	BS1	:40 S
AUG 15	227:20:54	2B-106-5	285	17A-3	11	BS1	: 5 L
AUG 15	227:20:54	2B-106-6	285	17A-3	11	BS1	2:40 S
AUG 15	227:20:56	2B-106-7	285	17A-3	11	BS1	:20 L
AUG 15	227:20:58	2B-106-8	285	17A-4	11	BS1	: 0.3L
AUG 15	227:20:59	2B-107-1	285	17A-4	11	BS1	: 2.5S
AUG 15	227:20:59	2B-107-2	285	17A-4	11	BS1	: 1.3L
AUG 15	227:20:59	2B-107-3	285	17A-4	11	BS1	:10 S
AUG 15	227:20:59	2B-107-4	285	17A-4	11	BS1	: 5 L
AUG 15	227:20:59	2B-107-5	285	17A-4	11	BS1	:40 S
AUG 15	227:21:00	2B-107-6	285	17A-4	11	BS1	:20 L
AUG 15	227:21:00	2B-107-7	285	17A-4	11	BS1	2:40 S
AUG 15	227:21:53	2A-093	286	17A-6	36	BS1	1:39 L
AUG 15	227:21:57	2A-094	286	17A-6	36	BS1	:40 S
AUG 15	227:22:14	2B-107-8	286	02A-6	07	90	: 2.5S
AUG 15	227:22:14	2B-108-1	286	02A-6	07	90	: 0.3L
AUG 15	227:22:14	2B-108-2	286	02A-6	07	90	:10 S
AUG 15	227:22:15	2B-108-3	286	02A-6	07	90	: 1.3L
AUG 15	227:22:15	2B-108-4	286	02A-6	07	90	:40 S
AUG 15	227:22:15	2B-108-5	286	02A-6	07	90	: 5 L
AUG 15	227:22:15	2B-108-6	286	02A-6	07	90	2:40 S
AUG 15	227:22:18	2B-108-7	286	02A-6	07	90	:20 L
AUG 15	227:22:30	2B-108-8	286	02A-7	10	90	: 0.3L
AUG 15	227:22:30	2B-109-1	286	02A-7	10	90	: 2.5S
AUG 15	227:22:30	2B-109-2	286	02A-7	10	90	: 1.3L
AUG 15	227:22:30	2B-109-3	286	02A-7	10	90	:10 S
AUG 15	227:22:30	2B-109-4	286	02A-7	10	90	: 5 L
AUG 15	227:22:31	2B-109-5	286	02A-7	10	90	:40 S
AUG 15	227:22:31	2B-109-6	286	02A-7	10	90	:20 L
AUG 15	227:22:32	2B-109-7	286	02A-7	10	90	2:40 S
AUG 15	227:22:36	2B-109-8	286	02A-7	10	86	: 2.5S
AUG 15	227:22:38	2B-110-1	286	02A-7	10	86	: 0.3L
AUG 15	227:22:38	2B-110-2	286	02A-7	10	86	:10 S
AUG 15	227:22:38	2B-110-3	286	02A-7	10	86	: 1.3L

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
AUG 15	227:22:38	2B-110-4	286	02A-7	10	86	:40	S
AUG 15	227:22:39	2B-110-5	286	02A-7	10	86	: 5	L
AUG 15	227:22:39	2B-110-6	286	02A-7	10	86	2:40	S
AUG 15	227:22:42	2B-110-7	286	02A-7	10	86	:20	L
AUG 15	227:23:26	2B-110-8	287	04A-2	33A	P28	: 0.3	L
AUG 15	227:23:26	2B-111-1	287	04A-2	33A	P28	: 2.5	S
AUG 15	227:23:26	2B-111-2	287	04A-2	33A	P28	: 1.3	L
AUG 15	227:23:26	2B-111-3	287	04A-2	33A	P28	:10	S
AUG 15	227:23:26	2B-111-4	287	04A-2	33A	P28	: 5	L
AUG 15	227:23:26	2B-111-5	287	04A-2	33A	P28	:40	S
AUG 15	227:23:27	2B-111-6	287	04A-2	33A	P28	:20	L
AUG 15	227:23:27	2B-111-7	287	04A-2	33A	P28	2:40	S
AUG 15	227:23:33	2B-111-8	287	04A-2	33A	P28	3:19	S
AUG 15	227:23:43	2B-112-1	287	04A-2	33B	P28	: 2.5	S
AUG 15	227:23:43	2B-112-2	287	04A-2	33B	P28	: 0.3	L
AUG 15	227:23:43	2B-112-3	287	04A-2	33B	P28	:10	S
AUG 15	227:23:43	2B-112-4	287	04A-2	33B	P28	: 1.3	L
AUG 15	227:23:43	2B-112-5	287	04A-2	33B	P28	:40	S
AUG 15	227:23:44	2B-112-6	287	04A-2	33B	P28	: 5	L
AUG 15	227:23:44	2B-112-7	287	04A-2	33B	P28	2:40	S
AUG 15	227:23:46	2B-112-8	287	04A-2	33B	P28	:20	L
AUG 15	227:23:52	2B-113-1	287	04A-4	11	P28	: 0.3	L
AUG 15	227:23:52	2B-113-2	287	04A-4	11	P28	: 2.5	S
AUG 15	227:23:52	2B-113-3	287	04A-4	11	P28	: 1.3	L
AUG 15	227:23:52	2B-113-4	287	04A-4	11	P28	:10	S
AUG 15	227:23:52	2B-113-5	287	04A-4	11	P28	: 5	L
AUG 15	227:23:52	2B-113-6	287	04A-4	11	P28	:40	S
AUG 15	227:23:53	2B-113-7	287	04A-4	11	P28	:20	L
AUG 15	227:23:54	2B-113-8	287	04A-4	11	P28	2:40	S
AUG 16	228:00:02	2B-114-1	287	04A-4	11	P28	: 2.5	S
AUG 16	228:00:02	2B-114-2	287	04A-4	11	P28	: 0.5	L
AUG 16	228:00:02	2B-114-3	287	04A-4	11	P28	:10	S
AUG 16	228:00:02	2B-114-4	287	04A-4	11	P28	: 1.3	L
AUG 16	228:00:02	2B-114-5	287	04A-4	11	P28	:40	S
AUG 16	228:00:03	2B-114-6	287	04A-4	11	P28	: 5	L
AUG 16	228:00:03	2B-114-7	287	04A-4	11	P28	2:40	S
AUG 16	228:00:06	2B-114-8	287	04A-4	11	P28	:20	L
AUG 16	228:00:10	2B-115-1	287	04A-4	11	P28	: 0.3	L
AUG 16	228:00:10	2B-115-2	287	04A-4	11	P28	: 2.5	S
AUG 16	228:00:10	2B-115-3	287	04A-4	11	P28	: 1.3	L
AUG 16	228:00:10	2B-115-4	287	04A-4	11	P28	:10	S
AUG 16	228:00:11	2B-115-5	287	04A-4	11	P28	: 5	L
AUG 16	228:00:11	2B-115-6	287	04A-4	11	P28	:40	S
AUG 16	228:00:11	2B-115-7	287	04A-4	11	P28	:20	L
AUG 16	228:00:12	2B-115-8	287	04A-4	11	P28	2:40	S
AUG 16	228:01:05	2A-095	288	06 -1	01A	SC	:39	L
AUG 16	228:01:06	2A-096	288	06 -1	01A	SC	:10	S
AUG 16	228:01:13	2B-116-1	288	06 -1	01B	SC	5:00	S
AUG 16	228:01:20	2B-116-2	288	06 -1	01B	SC	9:59	S
AUG 16	228:01:37	2B-116-3	288	S02		P28	6:00	S
AUG 16	228:12:14	2B-116-4	295	150-1	28	CH1	15:59	S
AUG 16	228:13:32	2A-097	296	06 -1	01A	SC	2:39	L

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 16	228:13:35	2A-098	296	06 -1	01A	SC	:09	S	
AUG 16	228:13:41	2B-116-5	296	06 -1	01	SC	4:59	S	
AUG 16	228:13:46	2B-116-6	296	06 -1	01	SC	9:59	S	
AUG 16	228:17:09	2B-116-7	298	01E-2	18	LB1	: 2.5	S	
AUG 16	228:17:09	2B-116-8	298	01E-2	18	LB1	: 0.3	L	
AUG 16	228:17:09	2B-117-1	298	01E-2	18	LB1	:10	S	
AUG 16	228:17:09	2B-117-2	298	01E-2	18	LB1	: 1.3	L	
AUG 16	228:17:09	2B-117-3	298	01E-2	18	LB1	:40	S	Limb Study over North Pole
AUG 16	228:17:10	2B-117-4	298	01E-2	18	LB1	: 5	L	
AUG 16	228:17:10	2B-117-5	298	01E-2	18	LB1	2:40	S	
AUG 16	228:17:13	2B-117-6	298	01E-2	18	LB1	:20	L	
AUG 16	228:18:04	2B-117-7	299	04A-3	36A	P28	: 0.3	U	Predisperser between positions
AUG 16	228:18:04	2B-117-8	299	04A-3	36A	P28	: 2.5	S	
AUG 16	228:18:04	2B-118-1	299	04A-3	36A	P28	: 1.3	L	
AUG 16	228:18:04	2B-118-2	299	04A-3	36A	P28	:10	S	
AUG 16	228:18:05	2B-118-3	299	04A-3	36A	P28	: 5	L	
AUG 16	228:18:05	2B-118-4	299	04A-3	36A	P28	:40	S	
AUG 16	228:18:05	2B-118-5	299	04A-3	36A	P28	:20	L	
AUG 16	228:18:06	2B-118-6	299	04A-3	36A	P28	2:40	S	
AUG 16	228:18:10	2B-118-7	299	04A-3	36A	P28	3:19	S	
AUG 16	228:18:18	2B-118-8	299	04A-3	36B	P28	: 2.5	S	
AUG 16	228:18:18	2B-119-1	299	04A-3	36B	P28	: 0.3	L	
AUG 16	228:18:18	2B-119-2	299	04A-3	36B	P28	:10	S	
AUG 16	228:18:19	2B-119-3	299	04A-3	36B	P28	: 1.3	L	
AUG 16	228:18:19	2B-119-4	299	04A-3	36B	P28	:40	S	
AUG 16	228:18:19	2B-119-5	299	04A-3	36B	P28	: 5	L	
AUG 16	228:18:20	2B-119-6	299	04A-3	36B	P28	2:40	S	
AUG 16	228:18:22	2B-119-7	299	04A-3	36B	P28	:20	L	
AUG 16	228:18:25	2B-119-8	299	04A-4	11	P28	: 0.3	L	
AUG 16	228:18:25	2B-120-1	299	04A-4	11	P28	: 2.5	S	
AUG 16	228:18:25	2B-120-2	299	04A-4	11	P28	: 1.3	L	
AUG 16	228:18:25	2B-120-3	299	04A-4	11	P28	:10	S	
AUG 16	228:18:25	2B-120-4	299	04A-4	11	P28	: 5	L	
AUG 16	228:18:25	2B-120-5	299	04A-4	11	P28	:40	S	
AUG 16	228:18:26	2B-120-6	299	04A-4	11	P28	:20	L	
AUG 16	228:18:26	2B-120-7	299	04A-4	11	P28	2:40	S	
AUG 16	228:18:38	2B-120-8	299	04A-4	11	P28	: 2.5	S	
AUG 16	228:18:38	2B-121-1	299	04A-4	11	P28	: 0.3	L	
AUG 16	228:18:38	2B-121-2	299	04A-4	11	P28	:10	S	
AUG 16	228:18:38	2B-121-3	299	04A-4	11	P28	: 1.3	L	
AUG 16	228:18:38	2B-121-4	299	04A-4	11	P28	:40	S	
AUG 16	228:18:39	2B-121-5	299	04A-4	11	P28	: 5	L	
AUG 16	228:18:39	2B-121-6	299	04A-4	11	P28	2:40	S	
AUG 16	228:18:42	2B-121-7	299	04A-4	11	P28	:20	L	
AUG 16	228:18:50	2B-121-8	299	S02		P28	6:00	S	
AUG 16	228:19:41	2A-099	300	04A-1	02	SC	:30	S	
AUG 16	228:19:59	2B-122-1	300	04A-5	28	P28	15:59	S	
AUG 16	228:20:17	2B-122-2	300	04A-7	28	P28	10:02	S	
AUG 16	228:21:11	2B-122-3	301	01C-1	13	LB2	: 2.5	S	
AUG 16	228:21:11	2B-122-4	301	01C-1	13	LB2	: 0.3	L	
AUG 16	228:21:11	2B-122-5	301	01C-1	13	LB2	:10	S	-12 sec — Begin limb scan (Roll -7793; R/L -915; U/D +026)
AUG 16	228:21:12	2B-122-6	301	01C-1	13	LB2	: 1.3	L	
AUG 16	228:21:12	2B-122-7	301	01C-1	13	LB2	:40	S	
AUG 16	228:21:12	2B-122-8	301	01C-1	13	LB2	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 16	228:21:12	2B-123-1	301	01C-1	13	LB2	2:40	S	
AUG 16	228:21:15	2B-123-2	301	01C-1	13	LB2	:20	L	
AUG 16	228:21:16	2B-123-3	301	01C-1	13	LB2	: 2.5	S	
AUG 16	228:21:16	2B-123-4	301	01C-1	13	LB2	: 0.3	L	
AUG 16	228:21:16	2B-123-5	301	01C-1	13	LB2	:10	S	
AUG 16	228:21:16	2B-123-6	301	01C-1	13	LB2	: 1.3	L	-4 sec
AUG 16	228:21:16	2B-123-7	301	01C-1	13	LB2	:40	S	
AUG 16	228:21:17	2B-123-8	301	01C-1	13	LB2	: 5	L	
AUG 16	228:21:17	2B-124-1	301	01C-1	13	LB2	2:40	S	
AUG 16	228:21:19	2B-124-2	301	01C-1	13	LB2	:20	L	
AUG 16	228:21:20	2B-124-3	301	01C-1	13	LB2	: 2.5	S	
AUG 16	228:21:20	2B-124-4	301	01C-1	13	LB2	: 0.3	L	
AUG 16	228:21:20	2B-124-5	301	01C-1	13	LB2	:10	S	
AUG 16	228:21:20	2B-124-6	301	01C-1	13	LB2	: 1.3	L	
AUG 16	228:21:20	2B-124-7	301	01C-1	13	LB2	:40	S	-2 sec
AUG 16	228:21:21	2B-124-8	301	01C-1	13	LB2	: 5	L	
AUG 16	228:21:21	2B-125-1	301	01C-1	13	LB2	2:40	S	
AUG 16	228:21:24	2B-125-2	301	01C-1	13	LB2	:20	L	
AUG 16	228:21:24	2B-125-3	301	01C-1	13	LB2	: 2.5	S	
AUG 16	228:21:24	2B-125-4	301	01C-1	13	LB2	: 0.3	L	
AUG 16	228:21:24	2B-125-5	301	01C-1	13	LB2	:10	S	
AUG 16	228:21:24	2B-125-6	301	01C-1	13	LB2	: 1.3	L	0 sec
AUG 16	228:21:24	2B-125-7	301	01C-1	13	LB2	:40	S	
AUG 16	228:21:25	2B-125-8	301	01C-1	13	LB2	: 5	L	
AUG 16	228:21:25	2B-126-1	301	01C-1	13	LB2	2:40	S	
AUG 16	228:21:28	2B-126-2	301	01C-1	13	LB2	:20	L	
AUG 16	228:21:28	2B-126-3	301	01C-1	13	LB2	:10	S	
AUG 16	228:21:29	2B-126-4	301	01C-1	13	LB2	: 2.5	L	
AUG 16	228:21:29	2B-126-5	301	01C-1	13	LB2	:40	S	
AUG 16	228:21:29	2B-126-6	301	01C-1	13	LB2	:10	L	+2 sec
AUG 16	228:21:29	2B-126-7	301	01C-1	13	LB2	2:40	S	
AUG 16	228:21:32	2B-126-8	301	01C-1	13	LB2	:40	L	
AUG 16	228:21:33	2B-127-1	301	01C-1	13	LB2	10:40	S	
AUG 16	228:21:44	2B-127-2	301	01C-1	13	LB2	2:40	L	
AUG 16	228:21:46	2B-127-3	301	01C-1	13	LB2	:10	S	
AUG 16	228:21:46	2B-127-4	301	01C-1	13	LB2	: 2.5	L	
AUG 16	228:21:47	2B-127-5	301	01C-1	13	LB2	:40	S	
AUG 16	228:21:47	2B-127-6	301	01C-1	13	LB2	:10	L	+4 sec
AUG 16	228:21:47	2B-127-7	301	01C-1	13	LB2	2:40	S	
AUG 16	228:21:50	2B-127-8	301	01C-1	13	LB2	:40	L	
AUG 16	228:21:51	2B-128-1	301	01C-1	13	LB2	9:17	S	
AUG 16	228:22:43	2B-128-2	302	01C-1	13	LB2	2:39	L	Crew did not enter "hold" before instrument door closed.
AUG 16	228:22:47	2B-128-3	302	01C-1	13	LB2	: 2.3	U	Remainder of limb scan performed manually.
AUG 16	228:22:47	2B-128-4	302	01C-1	13	LB2	:10	S	
AUG 16	228:22:48	2B-128-5	302	01C-1	13	LB2	:10	L	
AUG 16	228:22:48	2B-128-6	302	01C-1	13	LB2	:40	S	+6 sec
AUG 16	228:22:48	2B-128-7	302	01C-1	13	LB2	:40	L	
AUG 16	228:22:49	2B-128-8	302	01C-1	13	LB2	2:40	S	
AUG 16	228:22:52	2B-129-1	302	01C-1	13	LB2	2:40	L	
AUG 16	228:22:55	2B-129-2	302	01C-1	13	LB2	10:40	S	
AUG 16	228:23:06	2B-129-3	302	01C-1	13	LB2	:10	S	
AUG 16	228:23:06	2B-129-4	302	01C-1	13	LB2	: 2.5	L	
AUG 16	228:23:06	2B-129-5	302	01C-1	13	LB2	:40	S	
AUG 16	228:23:07	2B-129-6	302	01C-1	13	LB2	:10	L	+8 sec

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	RB	TGT	EXP	WVL	
UG 16	228:23:07	2B-129-7	302	01C-1	13	LB2	2:40	S	
UG 16	228:23:10	2B-129-8	302	01C-1	13	LB2	:40	L	
UG 16	228:23:11	2B-130-1	302	01C-1	13	LB2	10:40	S	
UG 16	228:23:21	2B-130-2	302	01C-1	13	LB2	2:40	L	
UG 17	229:00:17	2B-130-3	303	01C-1	13	LB2	: 4	L	
UG 17	229:00:17	2B-130-4	303	01C-1	13	LB2	:16	S	
UG 17	229:00:17	2B-130-5	303	01C-1	13	LB2	:16	L	
UG 17	229:00:18	2B-130-6	303	01C-1	13	LB2	1:04	S	+12 sec
UG 17	229:00:19	2B-130-7	303	01C-1	13	LB2	1:04	L	
UG 17	229:00:20	2B-130-8	303	01C-1	13	LB2	4:16	S	
UG 17	229:00:24	2B-131-1	303	01C-1	13	LB2	4:16	L	
UG 17	229:00:28	2B-131-2	303	01C-1	13	LB2	17:04	S	
UG 17	229:00:49	2B-131-3	303	01C-1	13	LB2	:16	S	
UG 17	229:00:49	2B-131-4	303	01C-1	13	LB2	: 4	L	
UG 17	229:00:49	2B-131-5	303	01C-1	13	LB2	1:04	S	+20 sec
UG 17	229:00:50	2B-131-6	303	01C-1	13	LB2	:16	L	
UG 17	229:00:51	2B-131-7	303	01C-1	13	LB2	4:16	S	
UG 17	229:00:55	2B-131-8	303	01C-1	13	LB2	1:04	L	End Limb Scan
UG 17	229:00:56	2B-132-1	303	01C-1	13	LB2	11:39	S	
UG 17	229:01:51	2A-100	304	06 -1	01B	SC	:39	L	
UG 17	229:01:59	2A-101	304	06 -1	01B	SC	:39	S	
UG 17	229:02:00	2B-132-2	304	06 -1	01	SC	5:00	S	
UG 17	229:02:06	2B-132-3	304	06 -1	01	SC	9:59	S	
UG 17	229:02:23	2B-132-4	304	15C-1	28	CH1	8:00	S	
UG 17	229:11:23	2B-132-5	309	S05		93	2:39	S	
UG 17	229:11:26	2B-132-6	309	S05		93	:39	S	
UG 17	229:11:27	2B-132-7	309	S05		93	:10	S	
UG 17	229:11:27	2B-132-8	309	S05		93	: 2.5	S	
UG 17	229:11:28	2B-133-1	309	S05		93	: 1	S	
UG 17	229:11:33	2A-102	310	06 -1	01A	SC	2:39	L	
UG 17	229:11:36	2A-103	310	06 -1	01A	SC	:10	S	
UG 17	229:11:42	2B-133-2	309	06 -1	01	SC	4:59	S	
UG 17	229:11:43	2A-104	310	06 -1	01B	SC	:40	S	
UG 17	229:11:44	2A-105	310	06 -1	01B	SC	:40	L	
UG 17	229:11:48	2B-133-3	309	06 -1	01	SC	9:59	S	
UG 17	229:12:44	2B-133-4	310	01B-1	11	NC1	: 2.5	S	
UG 17	229:12:44	2B-133-5	310	01B-1	11	NC1	: 0.3	L	
UG 17	229:12:44	2B-133-6	310	01B-1	11	NC1	:10	S	
UG 17	229:12:45	2B-133-7	310	01B-1	11	NC1	: 1.3	L	
UG 17	229:12:45	2B-133-8	310	01B-1	11	NC1	:40	S	
UG 17	229:12:45	2B-134-1	310	01B-1	11	NC1	: 5	L	
UG 17	229:12:45	2B-134-2	310	01B-1	11	NC1	2:40	S	
UG 17	229:12:48	2B-134-3	310	01B-1	11	NC1	:20	L	
UG 17	229:12:56	2B-134-4	310	01B-2	11	NC1	: 0.3	L	
UG 17	229:12:56	2B-134-5	310	01B-2	11	NC1	: 2.5	S	
UG 17	229:12:56	2B-134-6	310	01B-2	11	NC1	: 1.3	L	
UG 17	229:12:56	2B-134-7	310	01B-2	11	NC1	:10	S	
UG 17	229:12:56	2B-134-8	310	01B-2	11	NC1	: 5	L	
UG 17	229:12:56	2B-135-1	310	01B-2	11	NC1	:40	S	
UG 17	229:12:57	2B-135-2	310	01B-2	11	NC1	:20	L	
UG 17	229:12:57	2B-135-3	310	01B-2	11	NC1	2:40	S	
UG 17	229:13:04	2B-135-4	311	01B-3	11	NC1	: 2.5	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
AUG 17	229:13:04	2B-135-5	311	01B-3	11	NC1	:	0.3L
AUG 17	229:13:04	2B-135-6	311	01B-3	11	NC1	:10	S
AUG 17	229:13:04	2B-135-7	311	01B-3	11	NC1	:	1.3L
AUG 17	229:13:04	2B-135-8	311	01B-3	11	NC1	:40	S
AUG 17	229:13:05	2B-136-1	311	01B-3	11	NC1	: 5	L
AUG 17	229:13:05	2B-136-2	311	01B-3	11	NC1	2:40	S
AUG 17	229:13:08	2B-136-3	311	01B-3	11	NC1	:20	L
AUG 17	229:13:21	2B-136-4	311	01B	11	NC1	:	0.3L
AUG 17	229:13:21	2B-136-5	311	01B	11	NC1	:	2.5S
AUG 17	229:13:21	2B-136-6	311	01B	11	NC1	:	1.3L
AUG 17	229:13:21	2B-136-7	311	01B	11	NC1	:10	S
AUG 17	229:13:22	2B-136-8	311	01B	11	NC1	: 5	L
AUG 17	229:13:22	2B-137-1	311	01B	11	NC1	:40	S
AUG 17	229:13:23	2B-137-2	311	01B	11	NC1	:20	L
AUG 17	229:13:23	2B-137-3	311	01B	11	NC1	2:40	S
AUG 17	229:13:29	2B-137-4	311	01B	11	NC1	:	2.5S
AUG 17	229:13:29	2B-137-5	311	01B	11	NC1	:	0.3L
AUG 17	229:13:29	2B-137-6	311	01B	11	NC1	:10	S
AUG 17	229:13:30	2B-137-7	311	01B	11	NC1	:	1.3L
AUG 17	229:13:30	2B-137-8	311	01B	11	NC1	:40	S
AUG 17	229:13:30	2B-138-1	311	01B	11	NC1	: 5	L
AUG 17	229:13:31	2B-138-2	311	01B	11	NC1	2:40	S
AUG 17	229:13:33	2B-138-3	311	01B	11	NC1	:20	L
AUG 17	229:14:19	2B-138-4	311	01B-5	11	NC1	:	0.3L
AUG 17	229:14:19	2B-138-5	312	01B-5	11	NC1	:	2.5S
AUG 17	229:14:19	2B-138-6	312	01B-5	11	NC1	:	1.3L
AUG 17	229:14:19	2B-138-7	312	01B-5	11	NC1	:10	S
AUG 17	229:14:19	2B-138-8	312	01B-5	11	NC1	: 5	L
AUG 17	229:14:19	2B-139-1	312	01B-5	11	NC1	:40	S
AUG 17	229:14:20	2B-139-2	312	01B-5	11	NC1	:20	L
AUG 17	229:14:20	2B-139-3	312	01B-5	11	NC1	2:40	S
AUG 17	229:14:39	2B-139-4	312	01B-5	11	NC1	:	2.5S
AUG 17	229:14:39	2B-139-5	312	01B-5	11	NC1	:	0.3L
AUG 17	229:14:39	2B-139-6	312	01B-5	11	NC1	:10	S
AUG 17	229:14:39	2B-139-7	312	01B-5	11	NC1	:	1.3L
AUG 17	229:14:39	2B-139-8	312	01B-5	11	NC1	:40	S
AUG 17	229:14:40	2B-140-1	312	01B-5	11	NC1	: 5	L
AUG 17	229:14:40	2B-140-2	312	01B-5	11	NC1	2:40	S
AUG 17	229:14:43	2B-140-3	312	01B-5	11	NC1	:20	L
AUG 17	229:14:47	2B-140-4	312	S		NC1	:20	S
AUG 17	229:14:58	2B-140-5	312	12D	11	QR1	:11	S
AUG 17	229:14:59	2B-140-6	312	12D	11	QR1	:40	S
AUG 17	229:15:01	2B-140-7	312	12D	11	QR1	2:39	S
AUG 17	229:15:05	2B-140-8	312	12D	11	QR1	2:40	S
AUG 17	229:15:53	2B-141-1	312	01B-7	11	NC1	:	2.5S
AUG 17	229:15:53	2B-141-2	312	01B-7	11	NC1	:	0.3L
AUG 17	229:15:53	2B-141-3	312	01B-7	11	NC1	:10	S
AUG 17	229:15:53	2B-141-4	312	01B-7	11	NC1	:	1.3L
AUG 17	229:15:53	2B-141-5	312	01B-7	11	NC1	:40	S
AUG 17	229:15:54	2B-141-6	312	01B-7	11	NC1	: 5	L
AUG 17	229:15:54	2B-141-7	312	01B-7	11	NC1	2:40	S
AUG 17	229:15:57	2B-141-8	312	01B-7	11	NC1	:20	L
AUG 17	229:16:02	2B-142-1	313	01B-0	11	NC1	:	0.3L
AUG 17	229:16:02	2B-142-2	313	01B-0	11	NC1	:	2.5S

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 17	229:16:02	2B-142-3	313	01B-0	11	NC1	: 1.3	L	
AUG 17	229:16:02	2B-142-4	313	01B-0	11	NC1	:10	S	
AUG 17	229:16:03	2B-142-5	313	01B-0	11	NC1	: 5	L	
AUG 17	229:16:03	2B-142-6	313	01B-0	11	NC1	:40	S	
AUG 17	229:16:03	2B-142-7	313	01B-0	11	NC1	:20	L	
AUG 17	229:16:04	2B-142-8	313	01B-0	11	NC1	2:40	S	
AUG 17	229:16:14	2A-106	313	01B-1	33	NC1	:09	S	
AUG 17	229:16:16	2A-107	313	01B-1	33	NC1	2:40	L	
AUG 17	229:16:33	2B-143-1	313	02A-7	10	92	: 2.5	S	
AUG 17	229:16:33	2B-143-2	313	02A-7	10	92	: 0.3	L	
AUG 17	229:16:33	2B-143-3	313	02A-7	10	92	:10	S	
AUG 17	229:16:33	2B-143-4	313	02A-7	10	92	: 1.3	L	
AUG 17	229:16:33	2B-143-5	313	02A-7	10	92	:40	S	
AUG 17	229:16:34	2B-143-6	313	02A-7	10	92	: 5	L	
AUG 17	229:16:34	2B-143-7	313	02A-7	10	92	2:40	S	
AUG 17	229:16:36	2B-143-8	313	02A-7	10	92	:20	L	
AUG 17	229:17:26	2A-108	314	06 -2	02	SC	:40	S	
AUG 17	229:17:47	2B-144-1	314	05A-3	06	LS2	: 0.3	L	
AUG 17	229:17:47	2B-144-2	314	05A-3	06	LS2	: 2.5	S	
AUG 17	229:17:47	2B-144-3	314	05A-3	06	LS2	: 1.3	L	
AUG 17	229:17:47	2B-144-4	314	05A-3	06	LS2	:10	S	
AUG 17	229:17:47	2B-144-5	314	05A-3	06	LS2	: 5	L	
AUG 17	229:17:47	2B-144-6	314	05A-3	06	LS2	:40	S	
AUG 17	229:17:48	2B-144-7	314	05A-3	06	LS2	:20	L	
AUG 17	229:17:48	2B-144-8	314	05A-3	06	LS2	2:40	S	
AUG 17	229:17:52	2B-145-1	314	05A-3	06	LS2	3:19	S	
AUG 17	229:18:02	2B-145-2	314	05A-3	06	LS3	: 2.5	S	
AUG 17	229:18:02	2B-145-3	314	05A-3	06	LS3	: 0.3	L	
AUG 17	229:18:02	2B-145-4	314	05A-3	06	LS3	:10	S	
AUG 17	229:18:02	2B-145-5	314	05A-3	06	LS3	: 1.3	L	
AUG 17	229:18:02	2B-145-6	314	05A-3	06	LS3	:40	S	
AUG 17	229:18:03	2B-145-7	314	05A-3	06	LS3	: 5	L	
AUG 17	229:18:03	2B-145-8	314	05A-3	06	LS3	2:09	S	
AUG 17	229:18:06	2B-146-1	314	05A-3	06	LS3	3:19	S	
AUG 17	229:18:59	2B-146-2	315	05A-4	13	LS5	: 2.5	S	
AUG 17	229:18:59	2B-146-3	315	05A-4	13	LS5	: 0.3	L	
AUG 17	229:18:59	2B-146-4	315	05A-4	13	LS5	:10	S	
AUG 17	229:18:59	2B-146-5	315	05A-4	13	LS5	: 1.3	L	
AUG 17	229:18:59	2B-146-6	315	05A-4	13	LS5	:40	S	-12 sec
AUG 17	229:19:00	2B-146-7	315	05A-4	13	LS5	: 5	L	
AUG 17	229:19:00	2B-146-8	315	05A-4	13	LS5	2:40	S	
AUG 17	229:19:01	2A-109	315	05A-4	13	LS5	:39	S	
AUG 17	229:19:03	2B-147-1	315	05A-4	13	LS5	:20	L	
AUG 17	229:19:03	2B-147-2	315	05A-4	13	LS5	: 2.5	S	
AUG 17	229:19:03	2B-147-3	315	05A-4	13	LS5	: 0.3	L	
AUG 17	229:19:03	2B-147-4	315	05A-4	13	LS5	:10	S	
AUG 17	229:19:04	2B-147-5	315	05A-4	13	LS5	: 1.3	L	
AUG 17	229:19:04	2B-147-6	315	05A-4	13	LS5	:40	S	-4 sec
AUG 17	229:19:04	2B-147-7	315	05A-4	13	LS5	: 5	L	
AUG 17	229:19:05	2B-147-8	315	05A-4	13	LS5	2:40	S	
AUG 17	229:19:07	2B-148-1	315	05A-4	13	LS5	:20	L	
AUG 17	229:19:08	2B-148-2	315	05A-4	13	LS5	: 2.5	S	
AUG 17	229:19:08	2B-148-3	315	05A-4	13	LS5	: 0.3	L	
AUG 17	229:19:08	2B-148-4	315	05A-4	13	LS5	:10	S	

Begin Limb Scan
(Roll -7719; R/L -914; U/D +058)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
AUG 17	229:19:08	2B-148-5	315	05A-4	13	LS5	: 1.3	L	-2 sec
AUG 17	229:19:08	2B-148-6	315	05A-4	13	LS5	:40	S	
AUG 17	229:19:09	2B-148-7	315	05A-4	13	LS5	: 5	L	
AUG 17	229:19:09	2B-148-8	315	05A-4	13	LS5	2:40	S	
AUG 17	229:19:11	2B-149-1	315	05A-4	13	LS5	:20	L	
AUG 17	229:19:12	2B-149-2	315	05A-4	13	LS5	: 2.5	S	0 sec
AUG 17	229:19:12	2B-149-3	315	05A-4	13	LS5	: 0.3	L	
AUG 17	229:19:12	2B-149-4	315	05A-4	13	LS5	:10	S	
AUG 17	229:19:12	2B-149-5	315	05A-4	13	LS5	: 1.3	L	
AUG 17	229:19:12	2B-149-6	315	05A-4	13	LS5	:40	S	
AUG 17	229:19:13	2B-149-7	315	05A-4	13	LS5	: 5	L	
AUG 17	229:19:13	2B-149-8	315	05A-4	13	LS5	2:40	S	
AUG 17	229:19:16	2B-150-1	315	05A-4	13	LS5	:20	L	
AUG 17	229:19:16	2B-150-2	315	05A-4	13	LS5	:10	S	+2 sec
AUG 17	229:19:16	2B-150-3	315	05A-4	13	LS5	: 2.5	L	
AUG 17	229:19:16	2B-150-4	315	05A-4	13	LS5	:40	S	
AUG 17	229:19:17	2B-150-5	315	05A-4	13	LS5	:10	L	
AUG 17	229:19:17	2B-150-6	315	05A-4	13	LS5	2:40	S	
AUG 17	229:19:19	2A-110	315	05A-4	13	LS5	2:40	L	
AUG 17	229:19:20	2B-150-7	315	05A-4	13	LS5	:40	L	
AUG 17	229:19:21	2B-150-8	315	05A-4	13	LS5	10:40	S	
AUG 17	229:19:31	2B-151-1	315	05A-4	13	LS5	2:40	L	
AUG 17	229:19:34	2B-151-2	315	05A-4	13	LS5	:10	S	+4 sec
AUG 17	229:19:34	2B-151-3	315	05A-4	13	LS5	: 2.5	L	
AUG 17	229:19:34	2B-151-4	315	05A-4	13	LS5	:40	S	
AUG 17	229:19:35	2B-151-5	315	05A-4	13	LS5	:10	L	End Limb Scan
AUG 17	229:19:35	2B-151-6	315	05A-4	13	LS5	2:40	S	
AUG 17	229:19:38	2B-151-7	315	05A-4	13	LS5	:40	L	
AUG 17	229:19:39	2B-151-8	315	05A-4	13	LS5	10:40	S	
AUG 17	229:19:49	2B-152-1	315	05A-4	13	LS5	1:28	L	
AUG 17	229:19:52	2B-152-2	315	05A-4	13	LS5	: 0.9	S	
AUG 17	229:20:34	2A-111	316	09 -1	02	SC	:09	S	
AUG 17	229:20:51	2A-112	316	09 -2	28	86	3:00	S	
AUG 17	229:20:52	2B-152-3	316	09 -2	28	86	15:01	S	
AUG 17	229:23:36	2A-113	318	09 -1	02	SC	:39	S	
AUG 18	230:00:08	2B-152-4	318	15C-1	28	CH1	15:04	S	
AUG 18	230:00:27	2B-152-5	318	S05		93	:10	S	
AUG 18	230:00:28	2B-152-6	318	S05		93	:40	S	
AUG 18	230:00:28	2B-152-7	318	S05		93	2:39	S	
AUG 18	230:01:09	2A-114	319	06 -1	01A	SC	:39	L	
AUG 18	230:01:19	2A-115	319	06 -1	01B	SC	:09	S	
AUG 18	230:01:21	2A-116	319	06 -1	01B	SC	2:39	L	
AUG 18	230:01:21	2B-152-8	319	06 -1	01	SC	5:01	S	
AUG 18	230:01:26	2B-153-1	319	06 -1	01	SC	10:00	S	
AUG 18	230:01:46	2B-153-2	319	05 -3	06	LS4	: 2.5	S	
AUG 18	230:01:46	2B-153-3	319	05 -3	06	LS4	: 0.3	L	
AUG 18	230:01:46	2B-153-4	319	05 -3	06	LS4	:10	S	
AUG 18	230:01:46	2B-153-5	319	05 -3	06	LS4	: 1.3	L	
AUG 18	230:01:46	2B-153-6	319	05 -3	06	LS4	:40	S	
AUG 18	230:01:47	2B-153-7	319	05 -3	06	LS4	: 5	L	
AUG 18	230:01:47	2B-153-8	319	05 -3	06	LS4	2:40	S	
AUG 18	230:01:49	2B-154-1	319	05 -3	06	LS4	:20	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 18	230:01:50	2B-154-2	319	05 -3	06	LS4	3:20	S	
AUG 18	230:12:02	2A-117	326	09 -1	02	SC	:40	S	
AUG 18	230:12:25	2B-154-3	326	S16		CH3	5:57	S	+8 sec — Limb Study: Roll -2400; R/L -926; U/D +056
AUG 18	230:12:33	2B-154-4	326	S16		CH3	14:59	S	+8 sec — Limb Study: Roll -3120; R/L -926; U/D +056
AUG 18	230:13:37	2A-118	327	06 -1	01A	SC	:10	S	
AUG 18	230:13:39	2A-119	327	06 -1	01A	SC	2:40	L	
AUG 18	230:13:50	2B-154-5	327	06 -1	01	SC	4:59	S	
AUG 18	230:13:55	2B-154-6	327	06 -1	01	SC	9:59	S	
AUG 18	230:14:19	2B-154-7	327	S03	10	EFR	: 2.5	S	
AUG 18	230:14:19	2B-154-8	327	S03	10	EFR	: 0.3	L	
AUG 18	230:14:19	2B-155-1	327	S03	10	EFR	:10	S	
AUG 18	230:14:19	2B-155-2	327	S03	10	EFR	: 1.3	L	
AUG 18	230:14:19	2B-155-3	327	S03	10	EFR	:40	S	
AUG 18	230:14:20	2B-155-4	327	S03	10	EFR	: 5	L	
AUG 18	230:14:20	2B-155-5	327	S03	10	EFR	2:40	S	
AUG 18	230:14:23	2B-155-6	327	S03	10	EFR	:20	L	
AUG 18	230:14:31	2B-155-7	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:31	2B-155-8	327	07 -2	15	SC	: 2	L	
AUG 18	230:14:31	2B-156-1	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:31	2B-156-2	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:31	2B-156-3	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:31	2B-156-4	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:32	2B-156-5	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:32	2B-156-6	327	07 -2	15	SC	: 2	L	
AUG 18	230:14:32	2B-156-7	327	07 -2	15	SC	: 2.5	L	
AUG 18	230:14:32	2B-156-8	327	07 -2	15	SC	: 2	L	
AUG 18	230:14:32	2B-157-1	327	07 -2	15	SC	: 2.2	L	Atmospheric Extinction: Roll should have been +9860, crew changed to +9852. (R/L +878; U/D +168)
AUG 18	230:14:32	2B-157-2	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:32	2B-157-3	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:32	2B-157-4	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:33	2B-157-5	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:33	2B-157-6	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:33	2B-157-7	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:33	2B-157-8	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:33	2B-158-1	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:33	2B-158-2	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:14:33	2B-158-3	327	07 -2	15	SC	: 2.2	L	
AUG 18	230:15:12	2A-120	328	09 -1	02	SC	:39	L	
AUG 18	230:15:24	2B-158-4	328	15A-1	28	CH1	14:59	S	
AUG 18	230:15:50	2B-158-5	328	S05		93	2:39	S	
AUG 18	230:15:53	2B-158-6	328	S05		93	:40	S	
AUG 18	230:15:54	2B-158-7	328	S05		93	: 9.3	S	
AUG 18	230:15:54	2B-158-8	328	S05		93	: 3	S	
AUG 18	230:15:54	2B-159-1	328	S05		93	: 1	S	
AUG 18	230:16:42	2A-121	329	09 -1	02	SC	:39	S	
AUG 18	230:16:54	2B-159-2	329	15A-2	33	CH1	: 2.5	S	
AUG 18	230:16:54	2B-159-3	329	15A-2	33	CH1	: 0.3	L	
AUG 18	230:16:54	2B-159-4	329	15A-2	33	CH1	:10	S	
AUG 18	230:16:54	2B-159-5	329	15A-2	33	CH1	: 1.3	L	
AUG 18	230:16:54	2B-159-6	329	15A-2	33	CH1	:40	S	
AUG 18	230:16:55	2B-159-7	329	15A-2	33	CH1	: 5	L	
AUG 18	230:16:55	2B-159-8	329	15A-2	33	CH1	2:40	S	
AUG 18	230:16:58	2B-160-1	329	15A-2	33	CH1	:20	L	
AUG 18	230:17:00	2B-160-2	329	15A-2	33	CH1	3:19	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL
AUG 18	230:17:26	2B-160-3	329	15A-3	36	CH1	7:27	S
AUG 18	230:18:15	2A-122	330	09 -1	02	SC	:39	L
AUG 18	230:18:37	2B-160-4	330	17A-1	11	BS1	: 2.5	S
AUG 18	230:18:37	2B-160-5	330	17A-1	11	BS1	: 0.3	L
AUG 18	230:18:37	2B-160-6	330	17A-1	11	BS1	:10	S
AUG 18	230:18:37	2B-160-7	330	17A-1	11	BS1	: 1.3	L
AUG 18	230:18:37	2B-160-8	330	17A-1	11	BS1	:40	S
AUG 18	230:18:38	2B-161-1	330	17A-1	11	BS1	: 5	L
AUG 18	230:18:38	2B-161-2	330	17A-1	11	BS1	2:40	S
AUG 18	230:18:41	2B-161-3	330	17A-1	11	BS1	:20	L
AUG 18	230:18:47	2B-161-4	330	17A-6	36	BS1	: 0.3	L
AUG 18	230:18:47	2B-161-5	330	17A-6	36	BS1	: 2.5	S
AUG 18	230:18:47	2B-161-6	330	17A-6	36	BS1	: 1.3	L
AUG 18	230:18:47	2B-161-7	330	17A-6	36	BS1	:10	S
AUG 18	230:18:48	2B-161-8	330	17A-6	36	BS1	: 5	L
AUG 18	230:18:48	2B-162-1	330	17A-6	36	BS1	:40	S
AUG 18	230:18:49	2B-162-2	330	17A-6	36	BS1	:20	L
AUG 18	230:18:49	2B-162-3	330	17A-6	36	BS1	2:40	S
AUG 18	230:18:55	2B-162-4	330	17A-6	36	BS1	3:19	S
AUG 18	230:19:48	2A-123	331	09 -1	02	SC	:40	S
AUG 18	230:20:06	2B-162-5	331	S		UNK	5:05	S
AUG 18	230:20:12	2B-162-6	331	17A-1	11	BS1	: 2.5	S
AUG 18	230:20:12	2B-162-7	331	17A-1	11	BS1	: 0.3	L
AUG 18	230:20:12	2B-162-8	331	17A-1	11	BS1	:10	S
AUG 18	230:20:12	2B-163-1	331	17A-1	11	BS1	: 1.3	L
AUG 18	230:20:12	2B-163-2	331	17A-1	11	BS1	:40	S
AUG 18	230:20:13	2B-163-3	331	17A-1	11	BS1	: 5	L
AUG 18	230:20:13	2B-163-4	331	17A-1	11	BS1	2:40	S
AUG 18	230:20:16	2B-163-5	331	17A-1	11	BS1	:20	L
AUG 18	230:20:17	2B-163-6	331	17A-5	10	BS2	: 0.3	L
AUG 18	230:20:17	2B-163-7	331	17A-5	10	BS2	: 2.5	S
AUG 18	230:20:17	2B-163-8	331	17A-5	10	BS2	: 1.3	L
AUG 18	230:20:17	2B-164-1	331	17A-5	10	BS2	:10	S
AUG 18	230:20:18	2B-164-2	331	17A-5	10	BS2	: 5	L
AUG 18	230:20:18	2B-164-3	331	17A-5	10	BS2	:40	S
AUG 18	230:20:18	2B-164-4	331	17A-5	10	BS2	:20	L
AUG 18	230:20:19	2B-164-5	331	17A-5	10	BS2	2:40	S
AUG 18	230:20:30	2B-164-6	331	17A-5	11	BS2	: 2.5	S
AUG 18	230:20:30	2B-164-7	331	17A-5	11	BS2	: 0.3	L
AUG 18	230:20:30	2B-164-8	331	17A-5	11	BS2	:10	S
AUG 18	230:20:31	2B-165-1	331	17A-5	11	BS2	: 1.3	L
AUG 18	230:20:31	2B-165-2	331	17A-5	11	BS2	:40	S
AUG 18	230:20:31	2B-165-3	331	17A-5	11	BS2	: 5	L
AUG 18	230:20:32	2B-165-4	331	17A-5	11	BS2	2:40	S
AUG 18	230:20:34	2B-165-5	331	17A-5	11	BS2	:20	L
AUG 18	230:20:44	2B-165-6	331	07 -2	15	95	: 2	L
AUG 18	230:20:44	2B-165-7	331	07 -2	15	95	: 2.2	L
AUG 18	230:20:45	2B-165-8	331	07 -2	15	95	: 2	L
AUG 18	230:20:45	2B-166-1	331	07 -2	15	95	: 2	L
AUG 18	230:20:45	2B-166-2	331	07 -2	15	95	: 2	L
AUG 18	230:20:45	2B-166-3	331	07 -2	15	95	: 2	L
AUG 18	230:20:45	2B-166-4	331	07 -2	15	95	: 2	L
AUG 18	230:20:45	2B-166-5	331	07 -2	15	95	: 2	L
AUG 18	230:20:45	2B-166-6	331	07 -2	15	95	: 2	L

Atmospheric Extinction: Roll -9707; R/L +856; U/D +190

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL
AUG 18	230:20:45	2B-166-7	331	07 -2	15	95	: 2	L
AUG 18	230:20:46	2B-166-8	331	07 -2	15	95	: 2.2	L
AUG 18	230:20:46	2B-167-1	331	07 -2	15	95	: 2	L
AUG 18	230:20:46	2B-167-2	331	07 -2	15	95	: 2	L
AUG 18	230:20:46	2B-167-3	331	07 -2	15	95	: 2	L
AUG 18	230:20:46	2B-167-4	331	07 -2	15	95	: 2.2	L
AUG 18	230:20:46	2B-167-5	331	07 -2	15	95	: 2.3	L
AUG 18	230:20:46	2B-167-6	331	07 -2	15	95	: 2.3	L
AUG 18	230:20:47	2B-167-7	331	07 -2	15	95	: 2	L
AUG 18	230:20:47	2B-167-8	331	07 -2	15	95	: 2.2	L
AUG 18	230:20:47	2B-168-1	331	07 -2	15	95	: 2	L
AUG 18	230:20:47	2B-168-2	331	07 -2	15	95	: 2	L
AUG 18	230:21:21	2A-124	332	09 -1	02	SC	2:39	L
AUG 18	230:21:39	2B-168-3	332	15A-3	36	CH2	: 0.3	L
AUG 18	230:21:39	2B-168-4	332	15A-3	36	CH2	: 2.5	S
AUG 18	230:21:39	2B-168-5	332	15A-3	36	CH2	: 1.3	L
AUG 18	230:21:39	2B-168-6	332	15A-3	36	CH2	:10	S
AUG 18	230:21:39	2B-168-7	332	15A-3	36	CH2	: 5	L
AUG 18	230:21:39	2B-168-8	332	15A-3	36	CH2	:40	S
AUG 18	230:21:40	2B-169-1	332	15A-3	36	CH2	:20	L
AUG 18	230:21:40	2B-169-2	332	15A-3	36	CH2	2:40	S
AUG 18	230:21:44	2B-169-3	332	15A-3	36	CH2	5:19	S
AUG 18	230:22:54	2A-125	333	09 -1	02	SC	:39	L
AUG 19	231:00:28	2A-126	334	06 -1	01A	SC	:40	L
AUG 19	231:00:29	2A-127	334	06 -1	01A	SC	:39	S
AUG 19	231:00:37	2B-169-4	334	06 -1	01	SC	4:59	S
AUG 19	231:00:43	2B-169-5	334	06 -1	01	SC	10:00	S
AUG 19	231:01:05	2B-169-6	334	02A-6	07	93	: 2.5	S
AUG 19	231:01:05	2B-169-7	334	02A-6	07	93	: 0.3	L
AUG 19	231:01:05	2B-169-8	334	02A-6	07	93	: 2.5	S
AUG 19	231:01:05	2B-170-1	334	02A-6	07	93	: 2.5	S
AUG 19	231:01:05	2B-170-2	334	02A-6	07	93	: 0.3	L
AUG 19	231:01:05	2B-170-3	334	02A-6	07	93	:10	S
AUG 19	231:01:05	2B-170-4	334	02A-6	07	93	: 1.3	L
AUG 19	231:01:05	2B-170-5	334	02A-6	07	93	:40	S
AUG 19	231:01:06	2B-170-6	334	02A-6	07	93	: 5	L
AUG 19	231:01:06	2B-170-7	334	02A-6	07	93	2:40	S
AUG 19	231:01:09	2B-170-8	334	02A-6	07	93	:20	L
AUG 19	231:01:12	2B-171-1	334	12D		SC	: 9	S
AUG 19	231:01:12	2B-171-2	334	12D		SC	:39	S
AUG 19	231:01:13	2B-171-3	334	12D		SC	2:39	S
AUG 19	231:01:19	2B-171-4	334	07 -2	15	93	:10	S
AUG 19	231:01:20	2B-171-5	334	07 -2	15	93	:10	S
AUG 19	231:01:20	2B-171-6	334	07 -2	15	93	:10	S
AUG 19	231:01:20	2B-171-7	334	07 -2	15	93	:10	S
AUG 19	231:01:20	2B-171-8	334	07 -2	15	93	:10	S
AUG 19	231:01:21	2B-172-1	334	07 -2	15	93	:10	S
AUG 19	231:01:21	2B-172-2	334	07 -2	15	93	:10	S
AUG 19	231:01:21	2B-172-3	334	07 -2	15	93	:10	S
AUG 19	231:01:21	2B-172-4	334	07 -2	15	93	:10	S
AUG 19	231:01:22	2B-172-5	334	07 -2	15	93	:10	S
AUG 19	231:01:22	2B-172-6	334	07 -2	15	93	:10	S

Atmospheric Extinction: Roll -9601; R/L +834; U/D +187

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 19	231:01:22	2B-172-7	334	07 -2	15	93	:10	S	
AUG 19	231:01:22	2B-172-8	334	07 -2	15	93	:10	S	
AUG 19	231:01:23	2B-173-1	334	07 -2	15	93	:10	S	
AUG 19	231:01:23	2B-173-2	334	07 -2	15	93	:10	S	
AUG 19	231:01:23	2B-173-3	334	07 -2	15	93	:10	S	
AUG 19	231:01:23	2B-173-4	334	07 -2	15	93	:10	S	
AUG 19	231:01:24	2B-173-5	334	07 -2	15	93	:10	S	
AUG 19	231:01:24	2B-173-6	334	07 -2	15	93	:10	S	
AUG 19	231:01:24	2B-173-7	334	07 -2	15	93	:10	S	
AUG 19	231:01:24	2B-173-8	334	07 -2	15	93	:10	S	
AUG 19	231:01:25	2B-174-1	334	07 -2	15	93	:10	S	
AUG 19	231:01:25	2B-174-2	334	07 -2	15	93	:10	S	
AUG 19	231:01:25	2B-174-3	334	07 -2	15	93	:10	S	
AUG 19	231:01:25	2B-174-4	334	07 -2	15	93	: 9	S	
AUG 19	231:01:26	2B-174-5	334	07 -2	15	93	:10	S	
AUG 19	231:01:26	2B-174-6	334	07 -2	15	93	:10	S	
AUG 19	231:01:26	2B-174-7	334	07 -2	15	93	:10	S	
AUG 19	231:01:26	2B-174-8	334	07 -2	15	93	:10	S	
AUG 19	231:01:27	2B-175-1	334	07 -2	15	93	:10	S	
AUG 19	231:01:27	2B-175-2	334	07 -2	15	93	:10	S	
AUG 19	231:11:36	2B-175-3	341	15C-1	2A	CH1	15:59	S	
AUG 19	231:11:57	2B-175-4	341	12D		QR	:10.5	S	
AUG 19	231:11:58	2B-175-5	341	12D		QR	:39	S	
AUG 19	231:11:59	2B-175-6	341	12D		QR	2:39	S	
AUG 19	231:13:17	2A-128	342	06 -1	01B	SC	:39	S	
AUG 19	231:13:38	2A-129	342	06 -1	02	SC	1:19	L	
AUG 19	231:14:47	2B-175-7	343	S16		P42	11:59	S	— +30 $\widehat{\text{sec}}$ above prominence 46 on southeast limb
AUG 19	231:14:59	2B-175-8	343	S16		P42	9:01	S	— +30 $\widehat{\text{sec}}$ above prominence 47 on southeast limb
AUG 19	231:15:57	2A-130	344	09 -1	02	SC	:39	S	
AUG 19	231:16:17	2A-131	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:17	2A-132	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:18	2A-133	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:19	2A-134	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:20	2A-135	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:20	2A-136	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:21	2A-137	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:22	2A-138	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:23	2A-139	344	11 -3	1B	SC	:40	S	— Chromospheric oscillations and heating
AUG 19	231:16:24	2A-140	344	11 -3	1B	SC	:40	S	Roll +10798; R/L +029; U/D +138
AUG 19	231:16:25	2A-141	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:26	2A-142	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:27	2A-143	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:27	2A-144	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:28	2A-145	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:29	2A-146	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:30	2A-147	344	11 -3	1B	SC	:40	S	
AUG 19	231:16:39	2A-148	344	09 -1	02	SC	1:19	L	
AUG 19	231:17:47	2B-176-1	345	02B-3	07	93	: 2.5	S	
AUG 19	231:17:47	2B-176-2	345	02B-3	07	93	: 0.3	L	
AUG 19	231:17:47	2B-176-3	345	02B-3	07	93	:10	S	
AUG 19	231:17:47	2B-176-4	345	02B-3	07	93	: 1.3	L	
AUG 19	231:17:47	2B-176-5	345	02B-3	07	93	:40	S	
AUG 19	231:17:48	2B-176-6	345	02B-3	07	93	: 5	L	
AUG 19	231:17:48	2B-176-7	345	02B-3	07	93	2:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	RR	TGT	EXP	WVL	
AUG 19	231:17:51	2B-176-8	345	02B-3	07	93	:20	L	
AUG 19	231:19:10	2A-149	345	09 -1	02	SC	:40	S	
AUG 19	231:19:20	2B-177-1	346	S05		EFR	2:39	S	
AUG 19	231:19:23	2B-177-2	346	S05		EFR	:40	S	
AUG 19	231:19:26	2B-177-3	346	S05		EFR	2:40	S	Emerging flux region on west limb
AUG 19	231:19:29	2B-177-4	346	S05		EFR	:39	S	
AUG 19	231:19:38	2B-177-5	346	15A-1	28	CH2	6:59	S	
AUG 19	231:19:55	2A-150	345	09 -1	02	SC	1:20	L	
AUG 19	231:20:59	2B-177-6	347	15A-4	11	CH2	: 2.5	S	
AUG 19	231:20:59	2B-177-7	347	15A-4	11	CH2	: 0.3	L	
AUG 19	231:20:59	2B-177-8	347	15A-4	11	CH2	:10	S	
AUG 19	231:20:59	2B-178-1	347	15A-4	11	CH2	: 1.3	L	
AUG 19	231:20:59	2B-178-2	347	15A-4	11	CH2	:40	S	
AUG 19	231:21:00	2B-178-3	347	15A-4	11	CH2	: 5	L	
AUG 19	231:21:00	2B-178-4	347	15A-4	11	CH2	2:40	S	
AUG 19	231:21:03	2B-178-5	347	15A-4	11	CH2	:20	L	
AUG 19	231:21:09	2B-178-6	347	15A-5	36	CH2	: 0.3	L	
AUG 19	231:21:09	2B-178-7	347	15A-5	36	CH2	: 2.5	S	
AUG 19	231:21:09	2B-178-8	347	15A-5	36	CH2	: 1.3	L	
AUG 19	231:21:09	2B-179-1	347	15A-5	36	CH2	:10	S	
AUG 19	231:21:09	2B-179-2	347	15A-5	36	CH2	: 5	L	
AUG 19	231:21:10	2B-179-3	347	15A-5	36	CH2	:40	S	
AUG 19	231:21:10	2B-179-4	347	15A-5	36	CH2	:20	L	
AUG 19	231:21:11	2B-179-5	347	15A-5	36	CH2	2:40	S	
AUG 19	231:21:16	2B-179-6	347	15A-5	36	CH2	5:15	S	
AUG 19	231:22:15	2A-151	348	09 -1	02	SC	:39	S	
AUG 19	231:22:31	2B-179-7	348	15A-4	11	CH2	: 2.5	S	
AUG 19	231:22:31	2B-179-8	348	15A-4	11	CH2	: 0.3	L	
AUG 19	231:22:31	2B-180-1	348	15A-4	11	CH2	:10	S	
AUG 19	231:22:31	2B-180-2	348	15A-4	11	CH2	: 1.3	L	
AUG 19	231:22:31	2B-180-3	348	15A-4	11	CH2	:40	S	
AUG 19	231:22:32	2B-180-4	348	15A-4	11	CH2	: 5	L	
AUG 19	231:22:32	2B-180-5	348	15A-4	11	CH2	2:40	S	
AUG 19	231:22:35	2B-180-6	348	15A-4	11	CH2	:20	L	
AUG 19	231:22:40	2B-180-7	348	15A-6	11	CH2	: 0.3	L	
AUG 19	231:22:40	2B-180-8	348	15A-6	11	CH2	: 2.5	S	
AUG 19	231:22:40	2B-181-1	348	15A-6	11	CH2	: 1.3	L	
AUG 19	231:22:40	2B-181-2	348	15A-6	11	CH2	:10	S	
AUG 19	231:22:41	2B-181-3	348	15A-6	11	CH2	: 5	L	
AUG 19	231:22:41	2B-181-4	348	15A-6	11	CH2	:40	S	
AUG 19	231:22:41	2B-181-5	348	15A-6	11	CH2	:20	L	
AUG 19	231:22:42	2B-181-6	348	15A-6	11	CH2	2:40	S	
AUG 19	231:22:52	2B-181-7	348	15A-6	11	CH2	: 2.5	S	
AUG 19	231:22:52	2B-181-8	348	15A-6	11	CH2	: 0.3	L	
AUG 19	231:22:52	2B-182-1	348	15A-6	11	CH2	:10	S	
AUG 19	231:22:52	2B-182-2	348	15A-6	11	CH2	: 1.3	L	
AUG 19	231:22:52	2B-182-3	348	15A-6	11	CH2	:40	S	
AUG 19	231:22:53	2B-182-4	348	15A-6	11	CH2	: 5	L	
AUG 19	231:22:53	2B-182-5	348	15A-6	11	CH2	2:40	S	
AUG 19	231:22:56	2B-182-6	348	15A-6	11	CH2	:20	L	
AUG 19	231:23:01	2A-152	348	09 -1	02	SC	2:39	L	
AUG 19	231:23:46	2B-182-7	349	S03	10	96	: 0.3	L	
AUG 19	231:23:46	2B-182-8	349	S03	10	96	: 2.5	S	
AUG 19	231:23:46	2B-183-1	349	S03	10	96	: 1.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	RR	TGT	EXP	WVL
AUG 19	231:23:46	2B-183-2	349	S03	10	96	:10	S
AUG 19	231:23:46	2B-183-3	349	S03	10	96	: 5	L
AUG 19	231:23:46	2B-183-4	349	S03	10	96	:40	S
AUG 19	231:23:47	2B-183-5	349	S03	10	96	:20	L
AUG 19	231:23:47	2B-183-6	349	S03	10	96	2:40	S
AUG 20	232:00:15	2B-183-7	349	15C-1	28	CH1	15:00	S
AUG 20	232:01:29	2A-153	350	09 -1	02	SC	:39	S
AUG 20	232:01:51	2B-183-8	350	02B-5	10	CH3	: 2.5	S
AUG 20	232:01:51	2B-184-1	350	02B-5	10	CH3	: 0.3	L
AUG 20	232:01:51	2B-184-2	350	02B-5	10	CH3	:10	S
AUG 20	232:01:51	2B-184-3	350	02B-5	10	CH3	: 1.3	L
AUG 20	232:01:51	2B-184-4	350	02B-5	10	CH3	:40	S
AUG 20	232:01:52	2B-184-5	350	02B-5	10	CH3	: 5	L
AUG 20	232:01:52	2B-184-6	350	02B-5	10	CH3	2:40	S
AUG 20	232:01:55	2B-184-7	350	02B-5	10	CH3	:20	L
AUG 20	232:02:06	2A-154	350	09 -1	02	SC	1:20	L
AUG 20	232:05:08	2A-155	352	UNA		SC	:20	L
AUG 20	232:05:08	2A-156	352	UNA		SC	:10	S
AUG 20	232:05:08	2A-157	352	UNA		SC	1:20	L
AUG 20	232:05:10	2A-158	352	UNA		SC	:40	S
AUG 20	232:05:10	2A-159	352	UNA		SC	5:18	L
AUG 20	232:05:16	2A-160	352	UNA		SC	2:39	S
AUG 20	232:07:34	2A-161	354	UNA		SC	:10	S
AUG 20	232:07:35	2A-162	354	UNA		SC	:20	L
AUG 20	232:07:35	2A-163	354	UNA		SC	:40	S
AUG 20	232:07:36	2A-164	354	UNA		SC	1:20	L
AUG 20	232:07:37	2A-165	354	UNA		SC	2:39	S
AUG 20	232:07:40	2A-166	354	UNA		SC	5:18	L
AUG 20	232:11:26	2A-167	356	09 -1	02	SC	:39	S
AUG 20	232:12:35	2A-168	357	06 -1	01	SC	1:20	L
AUG 20	232:12:37	2B-184-8	357	06 -1	01	SC	5:00	S
AUG 20	232:12:42	2B-185-1	357	06 -1	01	SC	10:00	S
AUG 20	232:13:51	2A-169	358	09 -1	02	SC	:39	S
AUG 20	232:14:03	2B-185-2	358	17A-1	11	BS1	: 2.5	S
AUG 20	232:14:03	2B-185-3	358	17A-1	11	BS1	: 0.3	L
AUG 20	232:14:04	2B-185-4	358	17A-1	11	BS1	:10	S
AUG 20	232:14:04	2B-185-5	358	17A-1	11	BS1	: 1.3	L
AUG 20	232:14:04	2B-185-6	358	17A-1	11	BS1	:40	S
AUG 20	232:14:04	2B-185-7	358	17A-1	11	BS1	: 5	L
AUG 20	232:14:05	2B-185-8	358	17A-1	11	BS1	2:40	S
AUG 20	232:14:07	2B-186-1	358	17A-1	11	BS1	:20	L
AUG 20	232:14:13	2B-186-2	358	17A-3	11	BS1	: 0.3	L
AUG 20	232:14:13	2B-186-3	358	17A-3	11	BS1	: 2.5	S
AUG 20	232:14:13	2B-186-4	358	17A-3	11	BS1	: 1.3	L
AUG 20	232:14:13	2B-186-5	358	17A-3	11	BS1	:10	S
AUG 20	232:14:14	2B-186-6	358	17A-3	11	BS1	: 5	L
AUG 20	232:14:14	2B-186-7	358	17A-3	11	BS1	:40	S
AUG 20	232:14:14	2B-186-8	358	17A-3	11	BS1	:20	L
AUG 20	232:14:15	2B-187-1	358	17A-3	11	BS1	2:40	S
AUG 20	232:14:34	2A-170	358	09 -1	02	SC	1:20	L
AUG 20	232:15:55	2B-187-2	359	02B-5	10	93	: 2.5	S
AUG 20	232:15:55	2B-187-3	359	02B-5	10	93	: 0.3	L

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BP	TGT	EXP	WVL	
AUG 20	232:15:55	2B-187-4	359	02B-5	10	93	:10	S	
AUG 20	232:15:56	2B-187-5	359	02B-5	10	93	: 1.3	L	
AUG 20	232:15:56	2B-187-6	359	02B-5	10	93	:40	S	
AUG 20	232:15:56	2B-187-7	359	02B-5	10	93	: 5	L	
AUG 20	232:15:57	2B-187-8	359	02B-5	10	93	2:40	S	
AUG 20	232:15:59	2B-188-1	359	02B-5	10	93	:20	L	
AUG 20	232:16:58	2A-171	360	09 -1	02	SC	:39	S	
AUG 20	232:17:09	2B-188-2	360	15B-2	36	LB1	: 4	L	
AUG 20	232:17:10	2B-188-3	360	15B-2	36	LB1	:10	S	
AUG 20	232:17:10	2B-188-4	360	15B-2	36	LB1	:16	L	
AUG 20	232:17:10	2B-188-5	360	15B-2	36	LB1	:40	S	+10 sec limb study: Roll -2400; R/L -930; U/D 058
AUG 20	232:17:11	2B-188-6	360	15B-2	36	LB1	:40	L	(TGT LBI near P42 in southeast limb)
AUG 20	232:17:11	2B-188-7	360	15B-2	36	LB1	2:40	S	
AUG 20	232:17:14	2B-188-8	360	15B-2	36	LB1	4:16	L	
AUG 20	232:17:18	2B-189-1	360	15B-2	36	LB1	8:56	S	
AUG 20	232:17:41	2A-172	360	09 -1	02	SC	1:20	L	
AUG 20	232:20:02	2A-173	362	09 -1	02	SC	:39	S	
AUG 20	232:20:19	2B-189-2	362	15B-2	36	LB2	: 2.5	S	
AUG 20	232:20:20	2B-189-3	362	15B-2	36	LB2	: 0.3	L	
AUG 20	232:20:20	2B-189-4	362	15B-2	36	LB2	:10	S	
AUG 20	232:20:20	2B-189-5	362	15B-2	36	LB2	: 1.3	L	
AUG 20	232:20:20	2B-189-6	362	15B-2	36	LB2	:40	S	+10 sec limb study: Roll -3179; R/L -929; U/D 059
AUG 20	232:20:21	2B-189-7	362	15B-2	36	LB2	: 5	L	(near southeast limb)
AUG 20	232:20:21	2B-189-8	362	15B-2	36	LB2	2:40	S	
AUG 20	232:20:23	2B-190-1	362	15B-2	36	LB2	:20	L	
AUG 20	232:20:26	2B-190-2	362	15B-2	36	LB2	5:20	S	
AUG 20	232:20:48	2A-174	362	09 -1	02	SC	1:19	L	
AUG 20	232:21:48	2B-190-3	363	15B-2	36	LB3	: 2.5	S	
AUG 20	232:21:48	2B-190-4	363	15B-2	36	LB3	: 0.3	L	
AUG 20	232:21:48	2B-190-5	363	15B-2	36	LB3	:10	S	
AUG 20	232:21:48	2B-190-6	363	15B-2	36	LB3	: 1.3	L	
AUG 20	232:21:48	2B-190-7	363	15B-2	36	LB3	:40	S	
AUG 20	232:21:49	2B-190-8	363	15B-2	36	LB3	: 5	L	
AUG 20	232:21:49	2B-191-1	363	15B-2	36	LB3	2:40	S	+10 sec limb study: Roll -3903; R/L -929; U/D 056
AUG 20	232:21:52	2B-191-2	363	15B-2	36	LB3	:20	L	(TGT LB3 near south pole)
AUG 20	232:21:53	2B-191-3	363	15B-2	36	LB3	5:20	S	
AUG 20	232:23:12	2A-175	364	09 -1	02	SC	:39	S	
AUG 20	232:23:20	2B-191-4	364	15B-2	36	LB4	: 2.5	S	
AUG 20	232:23:20	2B-191-5	364	15B-2	36	LB4	: 0.3	L	
AUG 20	232:23:20	2B-191-6	364	15B-2	36	LB4	:10	S	
AUG 20	232:23:20	2B-191-7	364	15B-2	36	LB4	: 1.3	L	
AUG 20	232:23:20	2B-191-8	364	15B-2	36	LB4	:40	S	+10 sec limb study: Roll -5400; R/L -926; U/D 056
AUG 20	232:23:21	2B-192-1	364	15B-2	36	LB4	: 5	L	(TGT LB4 near south pole)
AUG 20	232:23:21	2B-192-2	364	15B-2	36	LB4	2:40	S	
AUG 20	232:23:23	2B-192-3	364	15B-2	36	LB4	:20	L	
AUG 20	232:23:28	2B-192-4	364	15B-2	36	LB4	5:22	S	
AUG 20	232:23:55	2A-176	364	09 -1	02	SC	1:19	L	
AUG 21	233:00:52	2B-192-5	365	06 -1	01	SC	4:59	S	
AUG 21	233:00:57	2B-192-6	365	06 -1	01	SC	10:00	S	
AUG 21	233:01:13	2B-192-7	365	S16		LB5	6:00	S	
AUG 21	233:01:26	2B-192-8	365	S16		LB5	6:00	S	
AUG 21	233:02:14	2A-177	366	09 -1	02	SC	:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 21	233:02:26	2B-193-1	366	15C-1	28	CH1	16:00	S	
AUG 21	233:02:45	2B-193-2	366	02B-5	10	93	: 2.5	S	
AUG 21	233:02:46	2B-193-3	366	02B-5	10	93	: 0.3	L	
AUG 21	233:02:46	2B-193-4	366	02B-5	10	93	:10	S	
AUG 21	233:02:46	2B-193-5	366	02B-5	10	93	: 1.3	L	
AUG 21	233:02:46	2B-193-6	366	02B-5	10	93	:40	S	
AUG 21	233:02:46	2B-193-7	366	02B-5	10	93	: 5	L	
AUG 21	233:02:47	2B-193-8	366	02B-5	10	93	2:40	S	
AUG 21	233:02:49	2B-194-1	366	02B-5	10	93	:20	L	
AUG 21	233:11:51	2A-178	372	02B-2	05	93	:10	S	
AUG 21	233:11:51	2A-179	372	02B-2	05	93	:40	S	
AUG 21	233:11:51	2A-180	372	02B-2	05	93	2:40	S	
AUG 21	233:13:09	2A-181	373	06 -1	01A	SC	2:40	L	
AUG 21	233:13:13	2A-182	373	06 -1	01A	SC	:09	S	
AUG 21	233:13:18	2B-194-2	373	06 -1	01	SC	2:39	S	
AUG 21	233:13:21	2B-194-3	373	06 -1	01	SC	5:20	S	
AUG 21	233:14:42	2A-183	374	09 -1	02	SC	:40	S	
AUG 21	233:14:56	2B-194-4	374	S03		P47	5:00	S	— Eruptive prominence P47 over east limb: lifted off at 13:52 and continued past 16:00. Roll -9000; R/L 024; U/D 024. 1+ to 2 type 4 radio burst (20-50 MHz) at 13:35 and continued to 17:35.
AUG 21	233:15:16	2A-184	374	01D-2	11	NC1	:40	S	
AUG 21	233:15:23	2A-185	374	01D-2	11	NC1	:40	S	
AUG 21	233:15:29	2A-186	374	01D-2	11	NC1	:39	S	
AUG 21	233:15:33	2A-187	374	01D-2	11	NC1	:39	S	
AUG 21	233:16:15	2A-188	375	OBS	02	P47	:39	S	— (Note above)
AUG 21	233:16:51	2B-194-5	375	12D		QR1	: 9.5	S	
AUG 21	233:16:51	2B-194-6	375	12D		QR1	:40	S	
AUG 21	233:16:52	2B-194-7	375	12D		QR1	2:39	S	
AUG 21	233:16:58	2A-189	375	OBS	02	P47	:39	S	— (Note above)
AUG 21	233:18:35	2A-190	376	06 -2	02	SC	2:39	L	
AUG 21	233:19:23	2B-194-8	377	01E-3	27	LB1	5:59	S	
AUG 21	233:19:32	2B-195-1	377	01E-4		LB2	5:59	S	
AUG 21	233:19:39	2B-195-2	377	01E-4		LB3	5:59	S	
AUG 21	233:19:45	2B-195-3	377	01E-4		LB4	6:00	S	
AUG 21	233:19:53	2B-195-4	377	01E-4		LB5	6:00	S	
AUG 21	233:20:01	2B-195-5	377	01E-4		LB6	5:59	S	
AUG 21	233:20:08	2B-195-6	377	01E-4		LB6	6:00	S	
AUG 21	233:20:57	2B-195-7	378	01E-5	27	LB7	6:00	S	
AUG 21	233:21:08	2A-191	378	06 -2	02	SC	2:40	S	
AUG 21	233:21:24	2B-195-8	378	01E-5	27	LB8	5:59	S	
AUG 21	233:21:31	2B-196-1	378	01E-5	27	LB8	5:59	S	
AUG 21	233:21:37	2B-196-2	378	01E-5	27	LB8	6:04	S	
AUG 21	233:21:43	2B-196-3	378	01E-5	27	LB8	: 0.2	S	
AUG 21	233:21:43	2B-196-4	378	01E-5	27	LB8	4:51	S	
AUG 21	233:22:29	2B-196-5	379	15C-1	28	CH1	15:59	S	
AUG 21	233:22:48	2B-196-6	379	15C-1	28	CH1	8:00	S	
AUG 21	233:23:19	2A-192	379	06 -2	02	LB	1:19	S	— +50 $\widehat{\text{sec}}$ Limb Study; pointing above the northwest limb where the S SPT reported a loop about 0.75 sun radii, at 20:00 with the XUV monitor.
AUG 22	234:00:01	2B-196-7	380	15C-1	28	CH1	4:00	S	
AUG 22	234:01:36	2A-193	381	06 -1	01A	SC	:39	S	
AUG 22	234:01:37	2A-194	381	06 -1	01B	SC	:39	L	
AUG 22	234:01:46	2B-196-8	381	06 -1	01	SC	2:39	S	
AUG 22	234:01:53	2B-197-1	381	06 -1	01	SC	5:19	S	
AUG 22	234:02:08	2B-197-2	381	02B-5	10	93	: 2.5	S	
AUG 22	234:02:08	2B-197-3	381	02B-5	10	93	: 0.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 22	234:02:08	2B-197-4	381	02B-5	10	93	:10	S	
AUG 22	234:02:08	2B-197-5	381	02B-5	10	93	: 1.3	L	
AUG 22	234:02:08	2B-197-6	381	02B-5	10	93	:40	S	
AUG 22	234:02:09	2B-197-7	381	02B-5	10	93	: 5	L	
AUG 22	234:02:09	2B-197-8	381	02B-5	10	93	2:40	S	
AUG 22	234:02:12	2B-198-1	381	02B-5	10	93	:20	L	
AUG 22	234:12:52	2A-195	388	06 -1	01A	SC	2:39	L	
AUG 22	234:12:55	2A-196	388	06 -1	01A	SC	:09	S	
AUG 22	234:13:19	2B-198-2	388	12D		QR1	: 9	S	
AUG 22	234:13:20	2B-198-3	388	12D		QR1	:39	S	
AUG 22	234:19:05	2B-198-4	392	04A-4	11	P47	: 2.5	S	
AUG 22	234:19:05	2B-198-5	392	04A-4	11	P47	: 0.3	L	
AUG 22	234:19:05	2B-198-6	392	04A-4	11	P47	:10	S	
AUG 22	234:19:05	2B-198-7	392	04A-4	11	P47	: 1.3	L	
AUG 22	234:19:05	2B-198-8	392	04A-4	11	P47	:40	S	
AUG 22	234:19:06	2B-199-1	392	04A-4	11	P47	: 5	L	
AUG 22	234:19:06	2B-199-2	392	04A-4	11	P47	2:40	S	
AUG 22	234:19:09	2B-199-3	392	04A-4	11	P47	:20	L	
AUG 22	234:19:12	2B-199-4	392	04A-5	28	P47	15:59	S	
AUG 22	234:23:22	2B-199-5	395	15A-1	28	CH1	9:59	S	
AUG 23	235:00:04	2A-197	395	S16		LB	:04	S	
AUG 23	235:00:04	2B-199-6	395	S16		ELB	9:59	S	
AUG 23	235:00:55	2A-198	396	06 -1	01A	SC	:39	S	
AUG 23	235:00:57	2A-199	396	06 -1	01A	SC	:39	L	
AUG 23	235:12:28	2B-199-7	403	15C-1	28	CH1	10:00	S	
AUG 23	235:13:29	2A-200	404	S06	01A	SC	2:40	L	
AUG 23	235:13:32	2A-201	404	S06	01A	SC	:09	S	
AUG 23	235:14:14	2B-199-8	404	12D		QR1	: 9	S	Erratic pointing
AUG 23	235:14:14	2B-200-1	404	12D		QR1	:39	S	
AUG 23	235:16:28	2B-200-2	406	12D		QR1	2:40	S	
AUG 23	235:16:31	2B-200-3	406	12D		QR1	:40	S	
AUG 23	235:16:32	2B-200-4	406	12D		QR1	: 9	S	
AUG 23	235:18:20	2B-200-5	407	17A-1	11	BS1	: 2.5	S	
AUG 23	235:18:20	2B-200-6	407	17A-1	11	BS1	: 0.3	L	
AUG 23	235:18:20	2B-200-7	407	17A-1	11	BS1	:10	S	
AUG 23	235:18:20	2B-200-8	407	17A-1	11	BS1	: 1.3	L	
AUG 23	235:18:20	2B-201-1	407	17A-1	11	BS1	:40	S	
AUG 23	235:18:21	2B-201-2	407	17A-1	11	BS1	: 5	L	
AUG 23	235:18:21	2B-201-3	407	17A-1	11	BS1	2:40	S	
AUG 23	235:18:24	2B-201-4	407	17A-1	11	BS1	:20	L	
AUG 24	236:19:23	2A-301	423	EVA		UNK	:12	S	Camera checkout exposures
AUG 24	236:19:29	2B-301-1	423	EVA		UNK	: 2	L	
AUG 24	236:23:44	2A-302	426	04B-1	33	F42	:43	S	
AUG 24	236:23:45	2A-303	426	04B-1	33	F42	:39	L	
AUG 25	237:00:02	2B-301-2	426	02B-3	07	03	: 0.3	L	
AUG 25	237:00:02	2B-301-3	426	02B-3	07	03	: 2.5	S	
AUG 25	237:00:02	2B-301-4	426	02B-3	07	03	: 1.3	L	
AUG 25	237:00:02	2B-301-5	426	02B-3	07	03	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BB	TGT	EXP	WVL
AUG 25	237:00:03	2B-301-6	426	02B-3	07	03	: 5	L
AUG 25	237:00:03	2B-301-7	426	02B-3	07	03	:40	S
AUG 25	237:00:03	2B-301-8	426	02B-3	07	03	:20	L
AUG 25	237:00:04	2B-302-1	426	02B-3	07	03	2:40	S
AUG 25	237:00:16	2B-302-2	426	02B-5	10	04	: 2.5	S
AUG 25	237:00:16	2B-302-3	426	02B-5	10	04	: 0.3	L
AUG 25	237:00:16	2B-302-4	426	02B-5	10	04	:10	S
AUG 25	237:00:16	2B-302-5	426	02B-5	10	04	: 1.3	L
AUG 25	237:00:16	2B-302-6	426	02B-5	10	04	:40	S
AUG 25	237:00:17	2B-302-7	426	02B-5	10	04	: 5	L
AUG 25	237:00:17	2B-302-8	426	02B-5	10	04	2:40	S
AUG 25	237:00:20	2B-303-1	426	02B-5	10	04	:18	L
AUG 25	237:00:23	2B-303-2	426	12D		QR	:39	S
AUG 25	237:00:25	2B-303-3	426	12D		QR	2:40	S
AUG 25	237:00:27	2B-303-4	426	12D		QR	: 0.3	S
AUG 25	237:00:28	2B-303-5	426	12D		QR	:10	S
AUG 25	237:01:28	2A-304	427	06 -1	01A	SC	2:40	L
AUG 25	237:01:31	2A-305	427	06 -1	01A	SC	:10	S
AUG 25	237:01:39	2B-303-6	427	06 -1	01	SC	5:00	S
AUG 25	237:01:40	2A-306	427	06 -1	01B	SC	:10	S
AUG 25	237:01:42	2A-307	427	06 -1	01B	SC	2:40	L
AUG 25	237:01:45	2B-303-7	427	06 -1	01	SC	:59	S
AUG 25	237:12:25	2A-308	434	06 -1	01A	SC	:10	S
AUG 25	237:12:26	2A-309	434	06 -1	01A	SC	2:40	L
AUG 25	237:12:33	2B-303-8	434	06 -1	01B	SC	1:00	S
AUG 25	237:12:35	2B-304-1	434	06 -1	01B	SC	5:00	S
AUG 25	237:14:09	2B-304-2	435	12D		QR1	2:40	S
AUG 25	237:14:12	2B-304-3	435	12D		QR1	:40	S
AUG 25	237:14:13	2B-304-4	435	12D		QR1	: 9	S
AUG 25	237:14:16	2B-304-5	435	OBS		UNK	:10	S
AUG 25	237:14:16	2B-304-6	435	OBS		UNK	:40	S
AUG 25	237:14:25	2B-304-7	435	OBS		UNK	:40	S
AUG 25	237:15:37	2B-304-8	436	04B-2	36A	F42	:02.5	S
AUG 25	237:15:37	2B-305-1	436	04B-2	36A	F42	: 0.3	L
AUG 25	237:15:37	2B-305-2	436	04B-2	36A	F42	:10	S
AUG 25	237:15:37	2B-305-3	436	04B-2	36A	F42	: 1.3	L
AUG 25	237:15:38	2B-305-4	436	04B-2	36A	F42	:40	S
AUG 25	237:15:38	2B-305-5	436	04B-2	36A	F42	: 5	L
AUG 25	237:15:38	2B-305-6	436	04B-2	36A	F42	2:40	S
AUG 25	237:15:41	2B-305-7	436	04B-2	36A	F42	:20	L
AUG 25	237:15:43	2B-305-8	436	04B-2	36A	F42	5:20	S
AUG 25	237:15:51	2B-306-1	436	04B-3	36B	F42	: 2.5	S
AUG 25	237:15:51	2B-306-2	436	04B-3	36B	F42	: 0.3	L
AUG 25	237:15:51	2B-306-3	436	04B-3	36B	F42	:10	S
AUG 25	237:15:52	2B-306-4	436	04B-3	36B	F42	: 1.3	L
AUG 25	237:15:52	2B-306-5	436	04B-3	36B	F42	:40	S
AUG 25	237:15:52	2B-306-6	436	04B-3	36B	F42	: 5	L
AUG 25	237:15:52	2B-306-7	436	04B-3	36B	F42	2:40	S
AUG 25	237:15:55	2B-306-8	436	04B-3	36B	F42	:20	L
AUG 25	237:15:57	2B-307-1	436	04B-3	11	F42	: 0.3	L
AUG 25	237:15:57	2B-307-2	436	04B-3	11	F42	: 2.5	S
AUG 25	237:15:57	2B-307-3	436	04B-3	11	F42	: 1.3	L
AUG 25	237:15:57	2B-307-4	436	04B-3	11	F42	:10	S
AUG 25	237:15:57	2B-307-5	436	04B-3	11	F42	: 5	L

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 25	237:15:57	2B-307-6	436	04B-3	11	F42	:40	S	
AUG 25	237:15:58	2B-307-7	436	04B-3	11	F42	:20	L	
AUG 25	237:15:58	2B-307-8	436	04B-3	11	F42	2:40	S	— Part of this exposure below 400 km
AUG 25	237:16:55	2B-308-1	437	02B-1	04B	93	: 2.5	S	
AUG 25	237:16:55	2B-308-2	437	02B-1	04B	93	: 0.3	L	
AUG 25	237:16:55	2B-308-3	437	02B-1	04B	93	:10	S	
AUG 25	237:16:55	2B-308-4	437	02B-1	04B	93	: 1.3	L	
AUG 25	237:16:55	2B-308-5	437	02B-1	04B	93	:40	S	
AUG 25	237:16:56	2B-308-6	437	02B-1	04B	93	: 5	L	
AUG 25	237:16:56	2B-308-7	437	02B-1	04B	93	2:40	S	
AUG 25	237:16:59	2B-308-8	437	02B-1	04B	93	:20	L	
AUG 25	237:17:05	2B-309-1	437	02B-1	04C	93	: 0.3	L	
AUG 25	237:17:05	2B-309-2	437	02B-1	04C	93	: 2.5	S	
AUG 25	237:17:05	2B-309-3	437	02B-1	04C	93	: 1.3	L	
AUG 25	237:17:06	2B-309-4	437	02B-1	04C	93	:10	S	
AUG 25	237:17:06	2B-309-5	437	02B-1	04C	93	: 5	L	
AUG 25	237:17:06	2B-309-6	437	02B-1	04C	93	:40	S	
AUG 25	237:17:07	2B-309-7	437	02B-1	04C	93	:20	L	
AUG 25	237:17:07	2B-309-8	437	02B-1	04C	93	2:40	S	
AUG 25	237:17:16	2B-310-1	437	02B-1	04D	93	: 2.5	S	
AUG 25	237:17:16	2B-310-2	437	02B-1	04D	93	: 0.3	L	
AUG 25	237:17:16	2B-310-3	437	02B-1	04D	93	:10	S	
AUG 25	237:17:16	2B-310-4	437	02B-1	04D	93	: 1.3	L	
AUG 25	237:17:16	2B-310-5	437	02B-1	04D	93	:40	S	
AUG 25	237:17:17	2B-310-6	437	02B-1	04D	93	: 5	L	
AUG 25	237:17:17	2B-310-7	437	02B-1	04D	93	2:40	S	
AUG 25	237:17:20	2B-310-8	437	02B-1	04D	93	:20	L	
AUG 25	237:18:23	2B-311-1	438	OBS		UNK	2:40	S	
AUG 25	237:18:26	2B-311-2	438	OBS		UNK	:40	S	
AUG 25	237:18:29	2A-310	438	06 -2	02	SC	2:39	L	├ Coronal observations: Roll -5400
AUG 25	237:18:38	2A-311	438	06 -2	02	SC	2:39	L	
AUG 25	237:19:00	2B-311-3	438	15A-3	36A	CH1	: 2.5	S	
AUG 25	237:19:00	2B-311-4	438	15A-3	36A	CH1	: 0.3	L	
AUG 25	237:19:00	2B-311-5	438	15A-3	36A	CH1	:10	S	
AUG 25	237:19:00	2B-311-6	438	15A-3	36A	CH1	: 1.3	L	
AUG 25	237:19:00	2B-311-7	438	15A-3	36A	CH1	:40	S	
AUG 25	237:19:01	2B-311-8	438	15A-3	36A	CH1	: 5	L	
AUG 25	237:19:01	2B-312-1	438	15A-3	36A	CH1	2:40	S	
AUG 25	237:19:03	2B-312-2	438	15A-3	36A	CH1	:20	L	
AUG 25	237:19:55	2B-312-3	439	15A-3	36A	CH1	: 0.3	L	
AUG 25	237:19:55	2B-312-4	439	15A-3	36A	CH1	: 2.5	S	
AUG 25	237:19:55	2B-312-5	439	15A-3	36A	CH1	: 1.3	L	
AUG 25	237:19:55	2B-312-6	439	15A-3	36A	CH1	:10	S	
AUG 25	237:19:55	2B-312-7	439	15A-3	36A	CH1	: 5	L	
AUG 25	237:19:55	2B-312-8	439	15A-3	36A	CH1	:40	S	
AUG 25	237:19:56	2B-313-1	439	15A-3	36A	CH1	:20	L	
AUG 25	237:19:56	2B-313-2	439	15A-3	36A	CH1	2:40	S	
AUG 25	237:20:00	2B-313-3	439	15A-3	36A	CH1	5:20	S	
AUG 25	237:20:08	2B-313-4	439	15A-4	11	CH1	: 2.5	S	
AUG 25	237:20:09	2B-313-5	439	15A-4	11	CH1	: 0.3	L	
AUG 25	237:20:09	2B-313-6	439	15A-4	11	CH1	:10	S	
AUG 25	237:20:09	2B-313-7	439	15A-4	11	CH1	: 1.3	L	
AUG 25	237:20:09	2B-313-8	439	15A-4	11	CH1	:40	S	
AUG 25	237:20:10	2B-314-1	439	15A-4	11	CH1	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 25	237:20:10	2B-314-2	439	15A-4	11	CH1	2:40	S	
AUG 25	237:20:12	2B-314-3	439	15A-4	11	CH1	:20	L	
AUG 25	237:20:19	2B-314-4	439	15A-5	36A	CH1	: 0.3	L	
AUG 25	237:20:19	2B-314-5	439	15A-5	36A	CH1	: 2.5	S	
AUG 25	237:20:19	2B-314-6	439	15A-5	36A	CH1	: 1.3	L	
AUG 25	237:20:19	2B-314-7	439	15A-5	36A	CH1	:10	S	
AUG 25	237:20:20	2B-314-8	439	15A-5	36A	CH1	: 5	L	
AUG 25	237:20:20	2B-315-1	439	15A-5	36A	CH1	:40	S	
AUG 25	237:20:20	2B-315-2	439	15A-5	36A	CH1	:20	L	
AUG 25	237:20:21	2B-315-3	439	15A-5	36A	CH1	2:40	S	
AUG 25	237:20:24	2B-315-4	439	15A-5	36A	CH1	5:20	S	
AUG 25	237:20:35	2B-315-5	439	15A-6	11	CH1	: 2.5	S	
AUG 25	237:20:35	2B-315-6	439	15A-6	11	CH1	: 0.3	L	
AUG 25	237:20:35	2B-315-7	439	15A-6	11	CH1	:10	S	
AUG 25	237:20:35	2B-315-8	439	15A-6	11	CH1	: 1.3	L	
AUG 25	237:20:35	2B-316-1	439	15A-6	11	CH1	:40	S	
AUG 25	237:20:36	2B-316-2	439	15A-6	11	CH1	: 5	L	
AUG 25	237:20:36	2B-316-3	439	15A-6	11	CH1	2:40	S	
AUG 25	237:20:39	2B-316-4	439	15A-6	11	CH1	:20	L	
AUG 25	237:21:46	2B-316-5	440	02B-1	04B	06	:00.3	L	
AUG 25	237:21:46	2B-316-6	440	02B-1	04B	06	:02.5	S	
AUG 25	237:21:46	2B-316-7	440	02B-1	04B	06	:01.3	L	
AUG 25	237:21:46	2B-316-8	440	02B-1	04B	06	:10	S	
AUG 25	237:21:46	2B-317-1	440	02B-1	04B	06	:05	L	
AUG 25	237:21:46	2B-317-2	440	02B-1	04B	06	:40	S	
AUG 25	237:21:47	2B-317-3	440	02B-1	04B	06	:20	L	
AUG 25	237:21:47	2B-317-4	440	02B-1	04B	06	2:40	S	
AUG 25	237:21:51	2B-317-5	440	02B-1	04C	06	:02.5	S	
AUG 25	237:21:51	2B-317-6	440	02B-1	04C	06	:00.3	L	
AUG 25	237:21:51	2B-317-7	440	02B-1	04C	06	:10	S	
AUG 25	237:21:51	2B-317-8	440	02B-1	04C	06	:01.3	L	
AUG 25	237:21:51	2B-318-1	440	02B-1	04C	06	:40	L	
AUG 25	237:21:52	2B-318-2	440	02B-1	04C	06	:05	U	— Predisperser between positions
AUG 25	237:21:52	2B-318-3	440	02B-1	04C	06	2:40	S	
AUG 25	237:21:55	2B-318-4	440	02B-1	04C	06	:20	L	
AUG 25	237:22:55	2B-318-5	441	02B-6	10	06	: 0.3	L	
AUG 25	237:22:56	2B-318-6	441	02B-6	10	06	: 2.5	S	
AUG 25	237:22:56	2B-318-7	441	02B-6	10	06	: 1.3	L	
AUG 25	237:22:56	2B-318-8	441	02B-6	10	06	:10	S	— Exposures taken prior to 400 km sunrise (23:00)
AUG 25	237:22:56	2B-319-1	441	02B-6	10	06	: 5	L	
AUG 25	237:22:56	2B-319-2	441	02B-6	10	06	:40	S	
AUG 25	237:22:57	2B-319-3	441	02B-6	10	06	:20	L	
AUG 25	237:22:57	2B-319-4	441	02B-6	10	06	2:40	S	
AUG 26	238:00:39	2A-312	442	06 -1	01A	SC	:38	L	
AUG 26	238:01:04	2B-319-5	442	06 -1	01	SC	: 0.5	S	
AUG 26	238:01:06	2A-313	442	06 -1	01A	SC	:39	S	
AUG 26	238:01:14	2B-319-6	442	02D-6	10	04	: 2.5	S	
AUG 26	238:01:14	2B-319-7	442	02D-6	10	04	: 0.3	L	
AUG 26	238:01:14	2B-319-8	442	02D-6	10	04	:10	S	
AUG 26	238:01:15	2B-320-1	442	02D-6	10	04	: 1.3	L	
AUG 26	238:01:15	2B-320-2	442	02D-6	10	04	:40	S	
AUG 26	238:01:15	2B-320-3	442	02D-6	10	04	: 5	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
AUG 26	238:01:16	2B-320-4	442	02D-6	10	04	2:40	S
AUG 26	238:01:18	2B-320-5	442	02D-6	10	04	:20	L
AUG 26	238:13:13	2A-314	450	06 -1	01A	SC	2:39	L
AUG 26	238:13:16	2A-315	450	06 -1	01A	SC	:10	S
AUG 26	238:13:23	2B-320-6	450	06 -1	01B	SC	1:00	S
AUG 26	238:13:37	2B-320-7	450	06 -1	01B	SC	5:00	S
AUG 26	238:14:37	2B-320-8	451	02A-1	04B	93	: 2.5	S
AUG 26	238:14:37	2B-321-1	451	02A-1	04B	93	: 0.3	L
AUG 26	238:14:37	2B-321-2	451	02A-1	04B	93	:10	S
AUG 26	238:14:38	2B-321-3	451	02A-1	04B	93	: 1.3	L
AUG 26	238:14:38	2B-321-4	451	02A-1	04B	93	:40	S
AUG 26	238:14:38	2B-321-5	451	02A-1	04B	93	: 5	L
AUG 26	238:14:38	2B-321-6	451	02A-1	04B	93	2:40	S
AUG 26	238:14:41	2B-321-7	451	02A-1	04B	93	:20	L
AUG 26	238:14:45	2B-321-8	451	02A-1	04C	93	: 0.3	L
AUG 26	238:14:45	2B-322-1	451	02A-1	04C	93	: 2.5	S
AUG 26	238:14:45	2B-322-2	451	02A-1	04C	93	: 1.3	L
AUG 26	238:14:45	2B-322-3	451	02A-1	04C	93	:10	S
AUG 26	238:14:46	2B-322-4	451	02A-1	04C	93	: 5	L
AUG 26	238:14:46	2B-322-5	451	02A-1	04C	93	:40	S
AUG 26	238:14:46	2B-322-6	451	02A-1	04C	93	:20	L
AUG 26	238:14:47	2B-322-7	451	02A-1	04C	93	2:40	S
AUG 26	238:14:54	2B-322-8	451	02A-1	04D	93	: 2.5	S
AUG 26	238:14:54	2B-323-1	451	02A-1	04D	93	: 0.3	L
AUG 26	238:14:54	2B-323-2	451	02A-1	04D	93	:10	S
AUG 26	238:14:54	2B-323-3	451	02A-1	04D	93	: 1.3	L
AUG 26	238:14:54	2B-323-4	451	02A-1	04D	93	:40	S
AUG 26	238:14:55	2B-323-5	451	02A-1	04D	93	: 5	L
AUG 26	238:14:55	2B-323-6	451	02A-1	04D	93	2:40	S
AUG 26	238:14:57	2B-323-7	451	02A-1	04D	93	:20	L
AUG 26	238:15:11	2B-323-8	451	S05		UNK	2:40	S
AUG 26	238:16:22	2B-324-1	452	02E-1	36B	03	: 2.5	S
AUG 26	238:16:22	2B-324-2	452	02E-1	36B	03	: 0.3	L
AUG 26	238:16:22	2B-324-3	452	02E-1	36B	03	:10	S
AUG 26	238:16:22	2B-324-4	452	02E-1	36B	03	: 1.3	L
AUG 26	238:16:22	2B-324-5	452	02E-1	36B	03	:40	S
AUG 26	238:16:23	2B-324-6	452	02E-1	36B	03	: 5	L
AUG 26	238:16:23	2B-324-7	452	02E-1	36B	03	2:40	S
AUG 26	238:16:26	2B-324-8	452	02E-1	36B	03	:20	L
AUG 26	238:16:48	2B-325-1	452	02E-2	36B	03	: 0.3	L
AUG 26	238:16:48	2B-325-2	452	02E-2	36B	03	: 2.5	S
AUG 26	238:16:48	2B-325-3	452	02E-2	36B	03	: 1.3	L
AUG 26	238:16:48	2B-325-4	452	02E-2	36B	03	:10	S
AUG 26	238:16:48	2B-325-5	452	02E-2	36B	03	: 5	L
AUG 26	238:16:48	2B-325-6	452	02E-2	36B	03	:40	S
AUG 26	238:16:49	2B-325-7	452	02E-2	36B	03	:20	L
AUG 26	238:16:49	2B-325-8	452	02E-2	36B	03	2:40	S
AUG 26	238:17:49	2B-326-1	453	04B-2	36B	F42	: 2.5	S
AUG 26	238:17:49	2B-326-2	453	04B-2	36B	F42	: 0.3	L
AUG 26	238:17:49	2B-326-3	453	04B-2	36B	F42	:10	S
AUG 26	238:17:50	2B-326-4	453	04B-2	36B	F42	: 1.3	L
AUG 26	238:17:50	2B-326-5	453	04B-2	36B	F42	:40	S
AUG 26	238:17:50	2B-326-6	453	04B-2	36B	F42	: 5	L
AUG 26	238:17:50	2B-326-7	453	04B-2	36B	F42	2:40	S

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	RB	TGT	EXP	WVL	
AUG 26	238:17:53	2B-326-8	453	04B-2	36B	F42	:20	L	
AUG 26	238:17:57	2B-327-1	453	04B-3	11	F42	: 0.3	L	
AUG 26	238:17:57	2B-327-2	453	04B-3	11	F42	: 2.5	S	
AUG 26	238:17:57	2B-327-3	453	04B-3	11	F42	: 1.3	L	
AUG 26	238:17:57	2B-327-4	453	04B-3	11	F42	:10	S	
AUG 26	238:17:57	2B-327-5	453	04B-3	11	F42	: 5	L	
AUG 26	238:17:58	2B-327-6	453	04B-3	11	F42	:40	S	
AUG 26	238:17:58	2B-327-7	453	04B-3	11	F42	:20	L	
AUG 26	238:17:59	2B-327-8	453	04B-3	11	F42	2:40	S	
AUG 26	238:18:08	2B-328-1	453	S02	10	08	:02.5	S	
AUG 26	238:18:08	2B-328-2	453	S02	10	08	:00.3	L	
AUG 26	238:18:08	2B-328-3	453	S02	10	08	:10	S	
AUG 26	238:18:08	2B-328-4	453	S02	10	08	:01.3	L	
AUG 26	238:18:09	2B-328-5	453	S02	10	08	:40	S	
AUG 26	238:18:09	2B-328-6	453	S02	10	08	:05	L	
AUG 26	238:18:09	2B-328-7	453	S02	10	08	2:40	S	
AUG 26	238:18:12	2B-328-8	453	S02	10	08	:20	L	
AUG 26	238:18:21	2B-329-1	453	S02	10	08	:00.3	L	
AUG 26	238:18:21	2B-329-2	453	S02	10	08	:02.5	S	
AUG 26	238:18:21	2B-329-3	453	S02	10	08	:01.3	L	
AUG 26	238:18:21	2B-329-4	453	S02	10	08	:10	S	
AUG 26	238:18:21	2B-329-5	453	S02	10	08	:05	L	
AUG 26	238:18:21	2B-329-6	453	S02	10	08	:40	S	
AUG 26	238:18:22	2B-329-7	453	S02	10	08	:20	L	
AUG 26	238:18:22	2B-329-8	453	S02	10	08	2:40	S	
AUG 26	238:19:11	2B-330-1	454	02A-7	10	08	: 2.5	S	— Star Tracker update at 18:47 caused a readout change of +340 min
AUG 26	238:19:11	2B-330-2	454	02A-7	10	08	: 0.3	L	
AUG 26	238:19:11	2B-330-3	454	02A-7	10	08	:10	S	
AUG 26	238:19:12	2B-330-4	454	02A-7	10	08	: 1.3	L	
AUG 26	238:19:12	2B-330-5	454	02A-7	10	08	:40	S	
AUG 26	238:19:12	2B-330-6	454	02A-7	10	08	: 5	L	
AUG 26	238:19:13	2B-330-7	454	02A-7	10	08	2:40	S	
AUG 26	238:19:14	2A-316	454	02A-7	10	08	:39	S	
AUG 26	238:19:15	2B-330-8	454	02A-7	10	08	:20	L	
AUG 26	238:19:16	2B-331-1	454	02A-7	10	08	: 0.3	L	
AUG 26	238:19:16	2B-331-2	454	02A-7	10	08	: 2.5	S	
AUG 26	238:19:16	2B-331-3	454	02A-7	10	08	: 1.3	L	
AUG 26	238:19:16	2B-331-4	454	02A-7	10	08	:10	S	
AUG 26	238:19:17	2B-331-5	454	02A-7	10	08	: 5	L	
AUG 26	238:19:17	2B-331-6	454	02A-7	10	08	:40	S	
AUG 26	238:19:17	2B-331-7	454	02A-7	10	08	:20	L	
AUG 26	238:19:18	2B-331-8	454	02A-7	10	08	1:07	S	
AUG 26	238:19:21	2B-332-1	454	02A-7	10	08	: 2.5	S	
AUG 26	238:19:21	2B-332-2	454	02A-7	10	08	: 0.3	L	
AUG 26	238:19:21	2B-332-3	454	02A-7	10	08	:10	S	
AUG 26	238:19:21	2B-332-4	454	02A-7	10	08	: 1.3	L	
AUG 26	238:19:21	2B-332-5	454	02A-7	10	08	:18	S	
AUG 26	238:19:22	2A-317	454	02A-7	10	08	:10	S	
AUG 26	238:19:35	2B-332-6	454	12D		QR1	: 2.5	S	
AUG 26	238:19:35	2B-332-7	454	12D		QR1	: 0.3	L	
AUG 26	238:19:35	2B-332-8	454	12D		QR1	: 3	S	
AUG 26	238:19:36	2B-333-1	454	12D		QR1	: 2.5	S	
AUG 26	238:19:36	2B-333-2	454	12D		QR1	: 0.3	L	
AUG 26	238:19:36	2B-333-3	454	12D		QR1	: 4	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
AUG 26	238:19:36	2B-333-4	454	12D		QR1	:10	S
AUG 26	238:19:37	2B-333-5	454	12D		QR1	:40	S
AUG 26	238:19:38	2B-333-6	454	12D		QR1	2:40	S
AUG 26	238:19:45	2A-318	454	06 -2	02	SC	2:39	L
AUG 26	238:19:53	2A-319	454	06 -2	02	SC	2:39	L
AUG 26	238:23:49	2A-320	457	06 -1	01A	SC	:39	L
AUG 26	238:23:50	2A-321	457	06 -1	01A	SC	:39	S
AUG 27	239:00:33	2B-333-7	457	02B-2	05B	93	: 2.5	S
AUG 27	239:00:33	2B-333-8	457	02B-2	05B	93	: 2.5	S
AUG 27	239:00:34	2B-334-1	457	02B-2	05B	93	: 0.3	L
AUG 27	239:00:34	2B-334-2	457	02B-2	05B	93	:10	S
AUG 27	239:00:34	2B-334-3	457	02B-2	05B	93	: 1.3	L
AUG 27	239:00:34	2B-334-4	457	02B-2	05B	93	:40	S
AUG 27	239:00:35	2B-334-5	457	02B-2	05B	93	: 5	L
AUG 27	239:00:35	2B-334-6	457	02B-2	05B	93	2:40	S
AUG 27	239:00:37	2B-334-7	457	02B-2	05B	93	:20	L
AUG 27	239:12:29	2A-322	465	06 -1	01A	SC	2:39	L
AUG 27	239:12:32	2A-323	465	06 -1	01A	SC	:10	S
AUG 27	239:12:36	2B-334-8	465	06 -1	01B	SC	5:00	S
AUG 27	239:12:41	2B-335-1	465	06 -1	01B	SC	1:00	S
AUG 27	239:14:15	2B-335-2	466	02D-3	36B	93	: 2.5	S
AUG 27	239:14:15	2B-335-3	466	02D-3	36B	93	: 0.3	L
AUG 27	239:14:15	2B-335-4	466	02D-3	36B	93	:10	S
AUG 27	239:14:15	2B-335-5	466	02D-3	36B	93	: 1.3	L
AUG 27	239:14:15	2B-335-6	466	02D-3	36B	93	:40	S
AUG 27	239:14:16	2B-335-7	466	02D-3	36B	93	: 5	L
AUG 27	239:14:16	2B-335-8	466	02D-3	36B	93	2:40	S
AUG 27	239:14:19	2B-336-1	466	02D-3	36B	93	:20	L
AUG 27	239:18:59	2B-336-2	469	05A-3	10	LS2	: 0.3	L
AUG 27	239:18:59	2B-336-3	469	05A-3	10	LS2	: 2.5	S
AUG 27	239:19:00	2B-336-4	469	05A-3	10	LS2	: 1.3	L
AUG 27	239:19:00	2B-336-5	469	05A-3	10	LS2	:10	S
AUG 27	239:19:00	2B-336-6	469	05A-3	10	LS2	: 5	L
AUG 27	239:19:00	2B-336-7	469	05A-3	10	LS2	:40	S
AUG 27	239:19:01	2B-336-8	469	05A-3	10	LS2	:20	L
AUG 27	239:19:01	2B-337-1	469	05A-3	10	LS2	2:40	S
AUG 27	239:19:08	2B-337-2	469	05A-3	10	LS3	:02.5	S
AUG 27	239:19:08	2B-337-3	469	05A-3	10	LS3	:00.3	L
AUG 27	239:19:08	2B-337-4	469	05A-3	10	LS3	:10	S
AUG 27	239:19:08	2B-337-5	469	05A-3	10	LS3	:01.3	L
AUG 27	239:19:08	2B-337-6	469	05A-3	10	LS3	:40	S
AUG 27	239:19:09	2B-337-7	469	05A-3	10	LS3	:05	L
AUG 27	239:19:09	2B-337-8	469	05A-3	10	LS3	2:40	S
AUG 27	239:19:11	2B-338-1	469	05A-3	10	LS3	:20	L
AUG 27	239:19:15	2B-338-2	469	05A-3	10	LS4	:00.3	L
AUG 27	239:19:15	2B-338-3	469	05A-3	10	LS4	:02.5	S
AUG 27	239:19:15	2B-338-4	469	05A-3	10	LS4	:01.3	L
AUG 27	239:19:15	2B-338-5	469	05A-3	10	LS4	:10	S
AUG 27	239:19:15	2B-338-6	469	05A-3	10	LS4	:05	L
AUG 27	239:19:16	2A-324	469	05A-3	10	LS4	:40	S
AUG 27	239:19:16	2B-338-7	469	05A-3	10	LS4	:40	S
AUG 27	239:19:16	2B-338-8	469	05A-3	10	LS4	:20	L

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	RR	TGT	EXP	WVL		
AUG 27	239:19:16	2B-339-1	470	05A-3	13	LS4	2:40	S		
AUG 27	239:20:04	2B-339-2	470	05A-4	13	LS5	:02.5	S		
AUG 27	239:20:04	2B-339-3	470	05A-4	13	LS5	:00.3	L		
AUG 27	239:20:04	2B-339-4	470	05A-4	13	LS5	:10	S		
AUG 27	239:20:04	2B-339-5	470	05A-4	13	LS5	:01.3	L		
AUG 27	239:20:05	2A-325	470	05A-4	13	LS5	9:59	L	-12 sec	Begin Limb Scan (Roll -2900; R/L +970; U/D +063)
AUG 27	239:20:05	2B-339-6	470	05A-4	13	LS5	:40	S		
AUG 27	239:20:05	2B-339-7	470	05A-4	13	LS5	:05	L		
AUG 27	239:20:05	2B-339-8	470	05A-4	13	LS5	2:40	S		
AUG 27	239:20:07	2B-340-1	470	05A-4	13	LS5	:20	L		
AUG 27	239:20:08	2B-340-2	470	05A-4	13	LS5	:02.5	S		
AUG 27	239:20:08	2B-340-3	470	05A-4	13	LS5	:00.3	L		
AUG 27	239:20:08	2B-340-4	470	05A-4	13	LS5	:10	S		
AUG 27	239:20:08	2B-340-5	470	05A-4	13	LS5	:01.3	L	-4 sec	
AUG 27	239:20:08	2B-340-6	470	05A-4	13	LS5	:40	S		
AUG 27	239:20:09	2B-340-7	470	05A-4	13	LS5	:05	L		
AUG 27	239:20:09	2B-340-8	470	05A-4	13	LS5	2:40	S		
AUG 27	239:20:12	2B-341-1	470	05A-4	13	LS5	:20	L		
AUG 27	239:20:12	2B-341-2	470	05A-4	13	LS5	:02.5	S		
AUG 27	239:20:12	2B-341-3	470	05A-4	13	LS5	:00.3	L		
AUG 27	239:20:12	2B-341-4	470	05A-4	13	LS5	:10	S		
AUG 27	239:20:12	2B-341-5	470	05A-4	13	LS5	:01.3	L		
AUG 27	239:20:12	2B-341-6	470	05A-4	13	LS5	:40	S	-2 sec	
AUG 27	239:20:13	2B-341-7	470	05A-4	13	LS5	:05	L		
AUG 27	239:20:13	2B-341-8	470	05A-4	13	LS5	2:40	S		
AUG 27	239:20:15	2A-326	470	05A-4	13	LS5	9:59	S		
AUG 27	239:20:16	2B-342-1	470	05A-4	13	LS5	:20	L		
AUG 27	239:20:16	2B-342-2	470	05A-4	13	LS5	:02.5	S		
AUG 27	239:20:16	2B-342-3	470	05A-4	13	LS5	:00.3	L		
AUG 27	239:20:16	2B-342-4	470	05A-4	13	LS5	:10	S		
AUG 27	239:20:17	2B-342-5	470	05A-4	13	LS5	:01.3	L		
AUG 27	239:20:17	2B-342-6	470	05A-4	13	LS5	:40	S	0 sec	
AUG 27	239:20:17	2B-342-7	470	05A-4	13	LS5	:05	L		
AUG 27	239:20:17	2B-342-8	470	05A-4	13	LS5	2:40	S		
AUG 27	239:20:20	2B-343-1	470	05A-4	13	LS5	:20	L		
AUG 27	239:20:21	2B-343-2	470	05A-4	13	LS5	:10	S		
AUG 27	239:20:21	2B-343-3	470	05A-4	13	LS5	:02.5	L		
AUG 27	239:20:21	2B-343-4	470	05A-4	13	LS5	:40	S		
AUG 27	239:20:22	2B-343-5	470	05A-4	13	LS5	:10	L		
AUG 27	239:20:22	2B-343-6	470	05A-4	13	LS5	2:40	S		
AUG 27	239:20:24	2B-343-7	470	05A-4	13	LS5	:40	L	+2 sec	
AUG 27	239:20:25	2B-343-8	470	05A-4	13	LS5	10:40	S		
AUG 27	239:20:36	2A-327	470	05A-4	13	LS5	2:30	S		
AUG 27	239:20:36	2B-344-1	470	05A-4	13	LS5	2:40	L		
AUG 27	239:20:39	2B-344-2	470	05A-4	13	LS5	:10	S		
AUG 27	239:20:39	2B-344-3	470	05A-4	13	LS5	:02.5	L		
AUG 27	239:20:39	2B-344-4	470	05A-4	13	LS5	:40	S		
AUG 27	239:20:40	2B-344-5	470	05A-4	13	LS5	:10	L		
AUG 27	239:20:40	2B-344-6	470	05A-4	13	LS5	2:40	S	+4 sec	
AUG 27	239:20:42	2B-344-7	470	05A-4	13	LS5	:40	L		
AUG 27	239:20:43	2B-344-8	470	05A-4	13	LS5	7:44	S		
AUG 27	239:21:33	2B-345-1	471	05A-4	13	LS5	2:40	L		
AUG 27	239:21:34	2A-328	471	05A-4	13	LS5	2:29	L		
AUG 27	239:21:36	2B-345-2	471	05A-4	13	LS5	:10	S		

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 27	239:21:36	2B-345-3	471	05A-4	13	LS5	:02.5	L	
AUG 27	239:21:36	2B-345-4	471	05A-4	13	LS5	:40	S	
AUG 27	239:21:37	2B-345-5	471	05A-4	13	LS5	:10	L	
AUG 27	239:21:37	2B-345-6	471	05A-4	13	LS5	2:40	S	
AUG 27	239:21:40	2B-345-7	471	05A-4	13	LS5	:40	L	+6 sec
AUG 27	239:21:40	2B-345-8	471	05A-4	13	LS5	10:40	S	
AUG 27	239:21:51	2B-346-1	471	05A-4	13	LS5	2:40	L	
AUG 27	239:21:54	2B-346-2	471	05A-4	13	LS5	:10	S	
AUG 27	239:21:54	2B-346-3	471	05A-4	13	LS5	:02.5	L	
AUG 27	239:21:54	2B-346-4	471	05A-4	13	LS5	:40	S	
AUG 27	239:21:55	2B-346-5	471	05A-4	13	LS5	:10	L	
AUG 27	239:21:55	2B-346-6	471	05A-4	13	LS5	2:40	S	+8 sec
AUG 27	239:21:58	2B-346-7	471	05A-4	13	LS5	:40	L	
AUG 27	239:21:58	2B-346-8	471	05A-4	13	LS5	10:40	S	
AUG 27	239:22:09	2B-347-1	471	05A-4	13	LS5	2:40	L	
AUG 27	239:22:12	2B-347-2	471	05A-4	13	LS5	:16	S	
AUG 27	239:22:12	2B-347-3	471	05A-4	13	LS5	:04	L	
AUG 27	239:22:12	2B-347-4	471	05A-4	13	LS5	1:04	S	
AUG 27	239:22:13	2B-347-5	471	05A-4	13	LS5	:16	L	
AUG 27	239:22:14	2B-347-6	471	05A-4	13	LS5	4:16	S	+12 sec
AUG 27	239:22:18	2B-347-7	471	05A-4	13	LS5	1:04	L	
AUG 27	239:22:19	2B-347-8	471	05A-4	13	LS5	6:33	S	
AUG 27	239:23:08	2B-348-1	472	05A-4	13	LS5	4:16	L	
AUG 27	239:23:13	2B-348-2	472	05A-4	13	LS5	:16	S	
AUG 27	239:23:13	2B-348-3	472	05A-4	13	LS5	:04	L	
AUG 27	239:23:13	2B-348-4	472	05A-4	13	LS5	1:04	S	
AUG 27	239:23:14	2B-348-5	472	05A-4	13	LS5	:16	L	+20 sec End Limb Scan
AUG 27	239:23:15	2B-348-6	472	05A-4	13	LS5	4:16	S	
AUG 27	239:23:19	2B-348-7	472	05A-4	13	LS5	1:04	L	
AUG 27	239:23:20	2B-348-8	472	05A-4	13	LS5	17:04	S	
AUG 27	239:23:37	2B-349-1	472	05A-4	13	LS5	4:16	L	
AUG 27	239:23:46	2B-349-2	472	S05		93	:38.8	S	
AUG 27	239:23:49	2B-349-3	472	S05		93	2:40	S	
AUG 27	239:23:54	2B-349-4	472	S05		08	:40	S	
AUG 27	239:23:55	2B-349-5	472	S05		08	2:40	S	
AUG 28	240:00:44	2A-329	473	06 -1	01A	SC	:39	L	
AUG 28	240:00:45	2A-330	473	06 -1	01A	SC	:39	S	
AUG 28	240:12:20	2B-349-6	480	S08		BSP	2:40	L	
AUG 28	240:13:08	2B-349-7	481	S08		03	5:19	S	— Sun Spot: Roll -3959; R/L +024; U/D +381
AUG 28	240:13:19	2A-331	481	06 -1	01A	SC	2:39	L	
AUG 28	240:13:23	2A-332	481	06 -1	01A	SC	:10	S	
AUG 28	240:13:27	2B-349-8	481	06 -1	01B	SC	1:00	S	
AUG 28	240:13:29	2B-350-1	481	06 -1	01B	SC	5:00	S	
AUG 28	240:15:26	2B-350-2	482	02E-2	36B	03	:02.5	S	
AUG 28	240:15:26	2B-350-3	482	02E-2	36B	03	:00.3	L	
AUG 28	240:15:26	2B-350-4	482	02E-2	36B	03	:10	S	
AUG 28	240:15:26	2B-350-5	482	02E-2	36B	03	:01.3	L	
AUG 28	240:15:26	2B-350-6	482	02E-2	36B	03	:40	S	
AUG 28	240:15:27	2B-350-7	482	02E-2	36B	03	:05	L	
AUG 28	240:15:27	2B-350-8	482	02E-2	36B	03	2:40	S	
AUG 28	240:15:30	2B-351-1	482	02E-2	36B	03	:20	L	
AUG 28	240:16:18	2B-351-2	483	02B-1	04B	93	:00.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOB-ST	PB	TGT	EXP	WVL	
AUG 28	240:16:18	2B-351-3	483	02B-1	04B	93	:02.5	S	
AUG 28	240:16:18	2B-351-4	483	02B-1	04B	93	:01.3	L	
AUG 28	240:16:18	2B-351-5	483	02B-1	04B	93	:10	S	
AUG 28	240:16:19	2B-351-6	483	02B-1	04B	93	:05	L	
AUG 28	240:16:19	2B-351-7	483	02B-1	04B	93	:40	S	
AUG 28	240:16:19	2B-351-8	483	02B-1	04B	93	:20	L	
AUG 28	240:16:20	2B-352-1	483	02B-1	04B	93	2:40	S	
AUG 28	240:16:50	2B-352-2	483	S08		06	5:20	S	Filament: Roll -407; R/L -601; U/D +074
AUG 28	240:17:01	2B-352-3	483	S08		06	2:40	S	R/L -616; U/D +084
AUG 28	240:17:47	2B-352-4	484	12F-1	26	93	:02.5	S	
AUG 28	240:17:47	2B-352-5	484	12F-1	26	93	:00.3	L	
AUG 28	240:17:47	2B-352-6	484	12F-1	26	93	:10	S	
AUG 28	240:17:47	2B-352-7	484	12F-1	26	93	:01.3	L	
AUG 28	240:17:47	2B-352-8	484	12F-1	26	93	:40	S	
AUG 28	240:17:48	2B-353-1	484	12F-1	26	93	:05	L	
AUG 28	240:17:48	2B-353-2	484	12F-1	26	93	:10.8	S	
AUG 28	240:17:55	2B-353-3	484	12F-1	26	93	:02.5	S	
AUG 28	240:17:55	2B-353-4	484	12F-1	26	93	:00.3	L	
AUG 28	240:17:55	2B-353-5	484	12F-1	26	93	:10	S	
AUG 28	240:17:55	2B-353-6	484	12F-1	26	93	:01.3	L	
AUG 28	240:17:55	2B-353-7	484	12F-1	26	93	:40	S	
AUG 28	240:17:56	2B-353-8	484	12F-1	26	93	:05	L	
AUG 28	240:17:56	2B-354-1	484	12F-1	26	93	2:40	S	
AUG 28	240:17:59	2B-354-2	484	12F-1	26	93	:20	L	
AUG 28	240:18:25	2B-354-3	484	S08		07	2:39	S	
AUG 28	240:19:37	2B-354-4	485	S08		BSP	2:39	S	
AUG 28	240:20:00	2B-354-5	485	S08		BSP	2:39	S	
AUG 29	241:00:36	2B-354-6	488	S02	10	08	:02.5	S	
AUG 29	241:00:36	2B-354-7	488	S02	10	08	:00.3	L	
AUG 29	241:00:36	2B-354-8	488	S02	10	08	:10	S	
AUG 29	241:00:36	2B-355-1	488	S02	10	08	:01.3	L	
AUG 29	241:00:36	2B-355-2	488	S02	10	08	:40	S	
AUG 29	241:00:37	2A-333	488	S02	10	SC	:10	S	
AUG 29	241:00:37	2B-355-3	488	S02	10	08	:05	L	
AUG 29	241:00:37	2B-355-4	488	S02	10	08	2:40	S	
AUG 29	241:00:40	2B-355-5	488	S02	10	08	:20	L	
AUG 29	241:01:33	2A-334	489	06 -1	01A	SC	:39	L	
AUG 29	241:01:34	2A-335	489	06 -1	01A	SC	:40	S	
AUG 29	241:02:02	2B-355-6	489	12D		QR	:02.5	S	
AUG 29	241:02:02	2B-355-7	489	12D		QR	:00.3	L	
AUG 29	241:02:02	2B-355-8	489	12D		QR	:10	S	
AUG 29	241:02:02	2B-356-1	489	12D		QR	:01.3	L	
AUG 29	241:02:02	2B-356-2	489	12D		QR	:40	S	
AUG 29	241:02:03	2B-356-3	489	12D		QR	:05	L	
AUG 29	241:02:03	2B-356-4	489	12D		QR	1:27	S	
AUG 29	241:02:05	2B-356-5	489	12D		QR	:02.5	S	
AUG 29	241:02:05	2B-356-6	489	12D		QR	:00.3	L	
AUG 29	241:02:05	2B-356-7	489	12D		QR	:10	S	
AUG 29	241:02:05	2B-356-8	489	12D		QR	:01.3	L	
AUG 29	241:02:05	2B-357-1	489	12D		QR	:16.3	S	
AUG 29	241:02:06	2B-357-2	489	12D		QR	:02.5	S	
AUG 29	241:02:06	2B-357-3	489	12D		QR	:00.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	RR	TGT	EXP	WVL	
AUG 29	241:02:06	2B-357-4	489	12D		QR	:03	S	
AUG 29	241:12:24	2A-336	496	06 -1	01A	SC	2:39	L	
AUG 29	241:12:27	2A-337	496	06 -1	01A	SC	:09	S	
AUG 29	241:12:34	2B-357-5	496	06 -1	01B	SC	1:00	S	
AUG 29	241:12:35	2B-357-6	496	06 -1	01B	SC	5:00	S	
AUG 29	241:13:06	2B-357-7	496	S		UNK	2:40	S	
AUG 29	241:13:09	2B-357-8	496	S		UNK	:40	S	
AUG 29	241:13:10	2B-358-1	496	S		UNK	:01.3	S	
AUG 29	241:14:11	2B-358-2	497	S		69	:16	S	
AUG 29	241:14:11	2B-358-3	497	S		69	:04	L	
AUG 29	241:14:11	2B-358-4	497	S		69	1:04	S	
AUG 29	241:14:12	2B-358-5	497	S		69	:16	L	
AUG 29	241:14:13	2B-358-6	497	S		69	4:16	S	+18 sec Limb Study: Roll -895; R/L -940; U/D +056
AUG 29	241:14:17	2B-358-7	497	S		69	1:04	L	
AUG 29	241:14:18	2B-358-8	497	S		69	17:04	S	
AUG 29	241:14:35	2B-359-1	497	S		69	3:53	L	
AUG 29	241:15:55	2B-359-2	498	02E-1	36A	03	:00.3	L	
AUG 29	241:15:55	2B-359-3	498	02E-1	36A	03	:02.5	S	
AUG 29	241:15:55	2B-359-4	498	02E-1	36A	03	:01.3	L	
AUG 29	241:15:55	2B-359-5	498	02E-1	36A	03	:10	S	
AUG 29	241:15:55	2B-359-6	498	02E-1	36A	03	:05	L	
AUG 29	241:15:55	2B-359-7	498	02E-1	36A	03	:40	S	
AUG 29	241:15:56	2B-359-8	498	02E-1	36A	03	:20	L	
AUG 29	241:15:56	2B-360-1	498	02E-1	36A	03	2:40	S	
AUG 29	241:16:03	2B-360-2	498	02E-1	36A	03	5:20	S	
AUG 29	241:16:11	2B-360-3	498	02E-2	36B	03	:02.5	S	
AUG 29	241:16:11	2B-360-4	498	02E-2	36B	03	:00.3	L	
AUG 29	241:16:11	2B-360-5	498	02E-2	36B	03	:10	S	
AUG 29	241:16:11	2B-360-6	498	02E-2	36B	03	:01.3	L	
AUG 29	241:16:11	2B-360-7	498	02E-2	36B	03	:40	S	
AUG 29	241:16:12	2B-360-8	498	02E-2	36B	03	:05	L	
AUG 29	241:16:12	2B-361-1	498	02E-2	36B	03	2:40	S	
AUG 29	241:16:15	2B-361-2	498	02E-2	36B	03	:20	L	
AUG 29	241:17:29	2B-361-3	499	02D-1	04B	08	:00.3	L	
AUG 29	241:17:29	2B-361-4	499	02D-1	04B	08	:02.5	S	
AUG 29	241:17:30	2B-361-5	499	02D-1	04B	08	:01.3	L	
AUG 29	241:17:30	2B-361-6	499	02D-1	04B	08	:10	S	
AUG 29	241:17:30	2B-361-7	499	02D-1	04B	08	:05	L	
AUG 29	241:17:30	2B-361-8	499	02D-1	04B	08	:40	S	
AUG 29	241:17:31	2B-362-1	499	02D-1	04B	08	:20	L	
AUG 29	241:17:31	2B-362-2	499	02D-1	04B	08	2:40	S	
AUG 29	241:17:40	2B-362-3	499	02D-1	04C	08	:02.5	S	
AUG 29	241:17:40	2B-362-4	499	02D-1	04C	08	:00.3	L	
AUG 29	241:17:40	2B-362-5	499	02D-1	04C	08	:10	S	
AUG 29	241:17:40	2B-362-6	499	02D-1	04C	08	:01.3	L	
AUG 29	241:17:40	2B-362-7	499	02D-1	04C	08	:40	S	
AUG 29	241:17:41	2B-362-8	499	02D-1	04C	08	:05	L	
AUG 29	241:17:41	2B-363-1	499	02D-1	04C	08	2:40	S	
AUG 29	241:17:43	2B-363-2	499	02D-1	04C	08	:20	L	
AUG 29	241:19:02	2B-363-3	500	02D-1	04C	08	:00.3	L	
AUG 29	241:19:02	2B-363-4	500	02D-1	04C	08	:02.5		
AUG 29	241:19:02	2B-363-5	500	02D-1	04C	08	:01.3	L	
AUG 29	241:19:02	2B-363-6	500	02D-1	04C	08	:10	S	
AUG 29	241:19:02	2B-363-7	500	02D-1	04C	08	:05	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BR	TGT	EXP	WVL	
AUG 29	241:19:02	2B-363-8	500	02D-1	04C	08	:40	S	
AUG 29	241:19:03	2B-364-1	500	02D-1	04C	08	:20	L	
AUG 29	241:19:03	2B-364-2	500	02D-1	04C	08	2:40	S	
AUG 29	241:20:18	2B-364-3	501	02C-5	13	93	:02.5	S	
AUG 29	241:20:19	2B-364-4	501	02C-5	13	93	:00.3	L	
AUG 29	241:20:19	2B-364-5	501	02C-5	13	93	:10	S	-12 sec
AUG 29	241:20:19	2B-364-6	501	02C-5	13	93	:01.3	L	
AUG 29	241:20:19	2B-364-7	501	02C-5	13	93	:40	S	
AUG 29	241:20:20	2B-364-8	501	02C-5	13	93	:05	L	
AUG 29	241:20:20	2B-365-1	501	02C-5	13	93	2:40	S	
AUG 29	241:20:22	2B-365-2	501	02C-5	13	93	:20	L	
AUG 29	241:20:23	2B-365-3	501	02C-5	13	93	:02.5	S	
AUG 29	241:20:23	2B-365-4	501	02C-5	13	93	:00.3	L	
AUG 29	241:20:23	2B-365-5	501	02C-5	13	93	:10	S	
AUG 29	241:20:23	2B-365-6	501	02C-5	13	93	:01.3	L	
AUG 29	241:20:23	2B-365-7	501	02C-5	13	93	:40	S	-4 sec
AUG 29	241:20:24	2A-338	501	02C-5	13	93	:39	S	
AUG 29	241:20:24	2B-365-8	501	02C-5	13	93	:05	L	
AUG 29	241:20:24	2B-366-1	501	02C-5	13	93	2:40	S	
AUG 29	241:20:27	2A-339	501	02C-5	13	93	9:59	S	
AUG 29	241:20:27	2B-366-2	501	02C-5	13	93	:20	L	
AUG 29	241:20:27	2B-366-3	501	02C-5	13	93	:02.5	S	
AUG 29	241:20:27	2B-366-4	501	02C-5	13	93	:00.3	L	
AUG 29	241:20:27	2B-366-5	501	02C-5	13	93	:10	S	
AUG 29	241:20:27	2B-366-6	501	02C-5	13	93	:01.3	L	-2 sec
AUG 29	241:20:27	2B-366-7	501	02C-5	13	93	:40	S	
AUG 29	241:20:28	2B-366-8	501	02C-5	13	93	:05	L	
AUG 29	241:20:28	2B-367-1	501	02C-5	13	93	2:40	S	
AUG 29	241:20:31	2B-367-2	501	02C-5	13	93	:20	L	
AUG 29	241:20:31	2B-367-3	501	02C-5	13	93	:02.5	S	
AUG 29	241:20:31	2B-367-4	501	02C-5	13	93	:00.3	L	
AUG 29	241:20:31	2B-367-5	501	02C-5	13	93	:10	S	
AUG 29	241:20:32	2B-367-6	501	02C-5	13	93	:01.3	L	0 sec
AUG 29	241:20:32	2B-367-7	501	02C-5	13	93	:40	S	
AUG 29	241:20:32	2B-367-8	501	02C-5	13	93	:05	L	
AUG 29	241:20:32	2B-368-1	501	02C-5	13	93	2:40	S	
AUG 29	241:20:35	2B-368-2	501	02C-5	13	93	:20	L	
AUG 29	241:20:35	2B-368-3	501	02C-5	13	93	:10	S	
AUG 29	241:20:36	2B-368-4	501	02C-5	13	93	:02.5	L	
AUG 29	241:20:36	2B-368-5	501	02C-5	13	93	:40	S	
AUG 29	241:20:36	2B-368-6	501	02C-5	13	93	:10	L	+2 sec
AUG 29	241:20:37	2B-368-7	501	02C-5	13	93	2:40	S	
AUG 29	241:20:39	2B-368-8	501	02C-5	13	93	:40	L	
AUG 29	241:20:40	2B-369-1	501	02C-5	13	93	10:40	S	
AUG 29	241:20:51	2B-369-2	501	02C-5	13	93	2:40	L	
AUG 29	241:20:53	2B-369-3	501	02C-5	13	93	:10	S	
AUG 29	241:20:54	2B-369-4	501	02C-5	13	93	:02.5	L	
AUG 29	241:20:54	2B-369-5	501	02C-5	13	93	:40	S	
AUG 29	241:20:54	2B-369-6	501	02C-5	13	93	:10	L	+4 sec
AUG 29	241:20:55	2B-369-7	501	02C-5	13	93	2:40	S	
AUG 29	241:20:57	2B-369-8	501	02C-5	13	93	:40	L	
AUG 29	241:20:58	2B-370-1	501	02C-5	13	93	3:05	S	
AUG 29	241:21:52	2B-370-2	502	02C-5	13	93	2:40	L	
AUG 29	241:21:55	2B-370-3	502	02C-5	13	93	:10	S	

Begin Limb Scan: NRL Bias Remained Unchanged at R/L +26 and U/D +55 (Roll -937; R/L +975; U/D +051)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 29	241:21:55	2B-370-4	502	02C-5	13	93	:02.5	L	
AUG 29	241:21:55	2B-370-5	502	02C-5	13	93	:40	S	+6 sec
AUG 29	241:21:56	2B-370-6	502	02C-5	13	93	:10	L	
AUG 29	241:21:56	2B-370-7	502	02C-5	13	93	2:40	S	
AUG 29	241:21:59	2B-370-8	502	02C-5	13	93	:40	L	
AUG 29	241:22:00	2B-371-1	502	02C-5	13	93	10:40	S	
AUG 29	241:22:10	2B-371-2	502	02C-5	13	93	2:40	L	
AUG 29	241:22:13	2B-371-3	502	02C-5	13	93	:10	S	
AUG 29	241:22:13	2B-371-4	502	02C-5	13	93	:02.5	L	
AUG 29	241:22:13	2B-371-5	502	02C-5	13	93	:40	S	
AUG 29	241:22:14	2B-371-6	502	02C-5	13	93	:10	L	
AUG 29	241:22:14	2B-371-7	502	02C-5	13	93	2:40	S	+8 sec
AUG 29	241:22:17	2B-371-8	502	02C-5	13	93	:40	L	
AUG 29	241:22:18	2B-372-1	502	02C-5	13	93	5:23	S	
AUG 29	241:23:24	2B-372-2	503	02C-5	13	93	2:40	L	
AUG 29	241:23:26	2B-372-3	503	02C-5	13	93	:16	S	
AUG 29	241:23:27	2B-372-4	503	02C-5	13	93	:04	L	
AUG 29	241:23:27	2B-372-5	503	02C-5	13	93	1:04	S	
AUG 29	241:23:28	2B-372-6	503	02C-5	13	93	:16	L	+12 sec
AUG 29	241:23:28	2B-372-7	503	02C-5	13	93	4:16	S	
AUG 29	241:23:32	2B-372-8	503	02C-5	13	93	1:04	L	
AUG 29	241:23:34	2B-373-1	503	02C-5	13	93	17:04	S	
AUG 29	241:23:51	2B-373-2	503	02C-5	13	93	4:16	L	
AUG 29	241:23:55	2B-373-3	503	02C-5	13	93	:16	S	
AUG 29	241:23:55	2B-373-4	503	02C-5	13	93	:04	L	
AUG 29	241:23:55	2B-373-5	503	02C-5	13	93	1:04	S	
AUG 29	241:23:56	2B-373-6	503	02C-5	13	93	:16	L	+20 sec
AUG 29	241:23:57	2B-373-7	503	02C-5	13	93	4:16	S	
AUG 30	242:00:01	2B-373-8	503	02C-5	13	93	1:04	L	
AUG 30	242:00:02	2B-374-1	503	02C-5	13	93	5:06	S	
AUG 30	242:00:55	2B-374-2	504	02C-5	13	93	4:16	L	
AUG 30	242:02:26	2A-340	505	06 -1	01A	SC	:39	L	
AUG 30	242:02:27	2A-341	505	06 -1	01A	SC	:39	S	
AUG 30	242:02:58	2B-374-3	505	OBS		UNK	:40	S	
AUG 30	242:03:02	2B-374-4	505	OBS		UNK	2:40	S	
AUG 30	242:03:08	2B-374-5	505	OBS		UNK	:40	S	
AUG 30	242:03:09	2B-374-6	505	OBS		UNK	2:40	S	
AUG 30	242:11:46	2B-374-7	511	S		09	2:40	S	
AUG 30	242:12:03	2B-374-8	511	01E-1	27	LB1	6:00	S	
AUG 30	242:12:10	2B-375-1	511	01E-3	27	LB1	6:00	S	
AUG 30	242:12:17	2B-375-2	511	01E-4	27	LB1	6:00	S	
AUG 30	242:12:24	2B-375-3	511	01E-4	27	LB1	: 0.3	S	
AUG 30	242:12:24	2B-375-4	511	01E-4	27	LB1	6:00	S	
AUG 30	242:12:31	2B-375-5	511	01E-4	27	LB1	4:56	S	
AUG 30	242:13:25	2A-342	512	06	01A	SC	2:40	L	
AUG 30	242:13:30	2A-343	512	06	01A	SC	:09	S	
AUG 30	242:14:52	2B-375-6	513	04A-5	28	P42	2:00	S	
AUG 30	242:15:10	2B-375-7	513	04A-5	28	P42	10:00	S	
AUG 30	242:15:28	2B-375-8	513	04A-4	28	P42	:02.5	S	
AUG 30	242:15:28	2B-376-1	513	04A-4	28	P42	:00.3	L	
AUG 30	242:15:28	2B-376-2	513	04A-4	28	P42	:10	S	
AUG 30	242:15:28	2B-376-3	513	04A-4	28	P42	:01.3	L	

Approximately 22:01 SPT observed a surge in AR93 that carried to about +20 sec and was seen to move past the S082B slit position.

End Limb Scan

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
AUG 30	242:15:28	2B-376-4	513	04A-4	28	P42	:40	S	
AUG 30	242:15:29	2B-376-5	513	04A-4	28	P42	:05	L	
AUG 30	242:15:29	2B-376-6	513	04A-4	28	P42	2:40	S	
AUG 30	242:15:32	2B-376-7	513	04A-4	28	P42	:20	L	
AUG 30	242:16:55	2B-376-8	514	S08		BSP	2:40	S	
AUG 30	242:17:03	2A-344	514	02A-7	10	BSP	:39	S	
AUG 30	242:17:07	2B-377-1	514	02A-7	10	BSP	:02.5	S	
AUG 30	242:17:07	2B-377-2	514	02A-7	10	BSP	:00.3	L	
AUG 30	242:17:07	2B-377-3	514	02A-7	10	BSP	:10	S	
AUG 30	242:17:08	2B-377-4	514	02A-7	10	BSP	:01.3	L	
AUG 30	242:17:08	2B-377-5	514	02A-7	10	BSP	:40	S	
AUG 30	242:17:08	2B-377-6	514	02A-7	10	BSP	:05	L	
AUG 30	242:17:08	2B-377-7	514	02A-7	10	BSP	2:40	S	
AUG 30	242:17:11	2B-377-8	514	02A-7	10	BSP	:20	L	
AUG 30	242:19:31	2A-345	516	06 -2	02	SC	:40	S	
AUG 30	242:19:39	2B-378-1	516	S		09	:20	S	— Subflare reported at 19:40: Roll -0001; R/L -705; U/D -224
AUG 30	242:20:17	2B-378-2	516	02A-4	36	P42	:02.5	S	
AUG 30	242:20:17	2B-378-3	516	02A-4	36	P42	:00.3	L	
AUG 30	242:20:17	2B-378-4	516	02A-4	36	P42	:10	S	
AUG 30	242:20:17	2B-378-5	516	02A-4	36	P42	:01.3	L	
AUG 30	242:20:17	2B-378-6	516	02A-4	36	P42	:40	S	
AUG 30	242:20:18	2B-378-7	516	02A-4	36	P42	:05	L	
AUG 30	242:20:18	2B-378-8	516	02A-4	36	P42	2:40	S	
AUG 30	242:20:21	2B-379-1	516	02A-4	36	P42	:20	L	
AUG 30	242:21:06	2A-346	517	02D-6	10	BSP	:39	S	
AUG 30	242:21:06	2B-379-2	517	02D-6	10	BSP	:00.3	L	
AUG 30	242:21:06	2B-379-3	517	02D-6	10	BSP	:02.5	S	
AUG 30	242:21:06	2B-379-4	517	02D-6	10	BSP	:01.3	L	
AUG 30	242:21:06	2B-379-5	517	02D-6	10	BSP	:10	S	
AUG 30	242:21:06	2B-379-6	517	02D-6	10	BSP	:05	L	
AUG 30	242:21:06	2B-379-7	517	02D-6	10	BSP	:40	S	
AUG 30	242:21:07	2B-379-8	517	02D-6	10	BSP	:20	L	
AUG 30	242:21:07	2B-380-1	517	02D-6	10	BSP	2:40	S	
AUG 30	242:21:46	2B-380-2	517	04A-1	10	QR1	:02.5	S	
AUG 30	242:21:46	2B-380-3	517	04A-1	10	QR1	:00.3	L	
AUG 30	242:21:46	2B-380-4	517	04A-1	10	QR1	:10	S	
AUG 30	242:21:46	2B-380-5	517	04A-1	10	QR1	:01.3	L	
AUG 30	242:21:46	2B-380-6	517	04A-1	10	QR1	:40	S	
AUG 30	242:21:47	2A-347	517	02D-6	10	BSP	:39	S	
AUG 30	242:21:47	2B-380-7	517	04A-1	10	QR1	:05	L	
AUG 30	242:21:47	2B-380-8	517	04A-1	10	QR1	2:40	S	
AUG 30	242:21:50	2B-381-1	517	04A-1	10	QR1	:20	L	
AUG 30	242:22:38	2A-348	518	02D-6	10	BSP	:40	S	
AUG 30	242:22:48	2B-381-2	518	04A-6	14	P42	:04	L	
AUG 30	242:22:48	2B-381-3	518	04A-6	14	P42	:16	S	
AUG 30	242:22:48	2B-381-4	518	04A-6	14	P42	:16	L	
AUG 30	242:22:48	2B-381-5	518	04A-6	14	P42	1:04	S	
AUG 30	242:22:49	2B-381-6	518	04A-6	14	P42	1:04	L	
AUG 30	242:22:51	2B-381-7	518	04A-6	14	P42	4:16	S	
AUG 30	242:22:55	2B-381-8	518	04A-6	14	P42	4:16	L	
AUG 30	242:22:59	2B-382-1	518	04A-6	14	P42	17:04	S	
AUG 30	242:23:22	2A-349	518	02D-6	10	BSP	:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/M	JOP-ST	BB	TGT	EXP	WVL	
AUG 31	243:00:11	2A-350	519	06 -1	01A	SC	:39	L	
AUG 31	243:00:14	2A-351	519	06 -1	01A	SC	:39	S	
AUG 31	243:00:22	2B-382-2	519	06 -1	01	SC	1:00	S	
AUG 31	243:00:24	2B-382-3	519	06 -1	01	SC	5:00	S	
AUG 31	243:01:44	2B-382-4	520	S08		09	:12.8	S	
AUG 31	243:01:45	2B-382-5	520	S08		09	:10	S	
AUG 31	243:01:45	2B-382-6	520	S08		09	:40	S	
AUG 31	243:01:46	2B-382-7	520	S08		09	2:40	S	
AUG 31	243:01:58	2B-382-8	520	S08		09	:40	S	
AUG 31	243:02:13	2B-383-1	520	S08		09	:19	S	
AUG 31	243:02:17	2B-383-2	520	S08		09	:40	S	
AUG 31	243:12:40	2B-383-3	527	S03		12	:40	S	
AUG 31	243:12:42	2B-383-4	527	S03		12	:10	S	
AUG 31	243:12:58	2A-352	527	06 -1	01A	SC	2:39	L	
AUG 31	243:13:01	2A-353	527	06 -1	01A	SC	:09	S	
AUG 31	243:13:06	2B-383-5	527	06 -1	01	SC	1:00	S	
AUG 31	243:13:08	2B-383-6	527	06 -1	01	SC	5:00	S	
AUG 31	243:14:17	2B-383-7	528	OBS		09	:40	S	
AUG 31	243:14:46	2B-383-8	528	04A-2	33B	P42	:02.5	S	
AUG 31	243:14:46	2B-384-1	528	04A-2	33B	P42	:00.3	L	
AUG 31	243:14:46	2B-384-2	528	04A-2	33B	P42	:10	S	
AUG 31	243:14:47	2B-384-3	528	04A-2	33B	P42	:01.3	L	
AUG 31	243:14:47	2B-384-4	528	04A-2	33B	P42	:40	S	
AUG 31	243:14:47	2B-384-5	528	04A-2	33B	P42	:05	L	
AUG 31	243:14:47	2B-384-6	528	04A-2	33B	P42	2:40	S	
AUG 31	243:14:50	2B-384-7	528	04A-2	33B	P42	:20	L	
AUG 31	243:14:51	2B-384-8	528	OBS		UNK	:00.3	L	
AUG 31	243:14:51	2B-385-1	528	04A-5	28	P42	:02.5	S	
AUG 31	243:14:52	2B-385-2	528	04A-5	28	P42	:00.3	L	
AUG 31	243:14:52	2B-385-3	528	04A-5	28	P42	7:52	S	
AUG 31	243:16:03	2B-385-4	529	04A-5	28	P42	5:00	L	— Exposure may be fogged
AUG 31	243:16:31	2B-385-5	529	04A-5	28	P42	:20	S	
AUG 31	243:17:17	2B-385-6	530	04A-7	28	P42	9:59	S	
AUG 31	243:17:47	2B-385-7	530	04A-7	28	93	9:59	S	
AUG 31	243:18:48	2A-354	531	06 -2	02	SC	:39	S	
AUG 31	243:19:15	2B-385-8	531	02C-6	14	12	:16	S	
AUG 31	243:19:16	2B-386-1	531	02C-6	14	12	:04	L	
AUG 31	243:19:16	2B-386-2	531	02C-6	14	12	1:04	S	
AUG 31	243:19:17	2B-386-3	531	02C-6	14	12	:16	L	
AUG 31	243:19:17	2B-386-4	531	02C-6	14	12	4:16	S	
AUG 31	243:19:22	2B-386-5	531	02C-6	14	12	1:04	L	
AUG 31	243:19:23	2B-386-6	531	02C-6	14	12	15:10	S	
AUG 31	243:19:38	2B-386-7	531	02C-6	14	12	:10	L	
AUG 31	243:21:00	2A-355	532	06 -2	02	SC	:39	S	
AUG 31	243:21:57	2A-356	533	03		UNK	:01.5	S	
AUG 31	243:21:59	2A-357	533	03		UNK	:40	S	
AUG 31	243:21:59	2B-386-8	533	OBS		UNK	:10	S	
AUG 31	243:22:10	2A-358	533	03		UNK	:39	S	— Flare decline; observed by crew in real time (Roll -1420; R/L +306; U/D -089)
AUG 31	243:22:10	2B-387-1	533	OBS		UNK	:10	S	
AUG 31	243:22:25	2A-359	533	03		UNK	:40	S	
AUG 31	243:22:25	2B-387-2	533	OBS		UNK	:10	S	
AUG 31	243:23:32	2A-360	534	02F-1	10	03	:39	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
SEP 1	244:00:01	2A-361	534	OBS		UNK	:22	S
SEP 1	244:00:01	2B-387-3	534	12D		UNK	:10	S
SEP 1	244:00:02	2B-387-4	534	12D		UNK	:40	S
SEP 1	244:00:03	2B-387-5	534	12D		UNK	2:40	S
SEP 1	244:01:01	2A-362	535	06 -1	01A	SC	:39	L
SEP 1	244:01:02	2A-363	535	06 -1	01A	SC	:39	S
SEP 1	244:01:09	2B-387-6	535	06 -1	01	SC	5:00	S
SEP 1	244:01:15	2B-387-7	535	06 -1	01	SC	10:00	S
SEP 1	244:12:05	2A-364	542	06 -1	01A	SC	2:39	L
SEP 1	244:12:09	2A-365	542	06 -1	01A	SC	:12	S
SEP 1	244:12:13	2B-387-8	542	06 -1	01	SC	1:00	S
SEP 1	244:12:14	2B-388-1	542	06 -1	01	SC	5:00	S
SEP 1	244:12:35	2B-388-2	542	02B-5	10	12	:02.5	S
SEP 1	244:12:35	2B-388-3	542	02B-5	10	12	:00.3	L
SEP 1	244:12:35	2B-388-4	542	02B-5	10	12	:10	S
SEP 1	244:12:35	2B-388-5	542	02B-5	10	12	:01.3	L
SEP 1	244:12:36	2B-388-6	542	02B-5	10	12	:40	S
SEP 1	244:12:36	2B-388-7	542	02B-5	10	12	:05	L
SEP 1	244:12:36	2B-388-8	542	02B-5	10	12	2:40	S
SEP 1	244:13:39	2B-389-1	542	02B-5	10	12	:20	L
SEP 1	244:13:46	2B-389-2	543	04A-2	33	P42	:00.3	L
SEP 1	244:13:46	2B-389-3	543	04A-2	33	P42	:02.5	S
SEP 1	244:13:46	2B-389-4	543	04A-2	33	P42	:01.3	L
SEP 1	244:13:46	2B-389-5	543	04A-2	33	P42	:10	S
SEP 1	244:13:47	2B-389-6	543	04A-2	33	P42	:05	L
SEP 1	244:13:47	2B-389-7	543	04A-2	33	P42	:40	S
SEP 1	244:13:47	2B-389-8	543	04A-2	33	P42	:20	L
SEP 1	244:13:48	2B-390-1	543	04A-2	33	P42	2:40	S
SEP 1	244:13:54	2B-390-2	543	OBS		09	:02.5	S
SEP 1	244:13:54	2B-390-3	543	OBS		09	:00.3	L
SEP 1	244:13:55	2B-390-4	543	OBS		09	:10	S
SEP 1	244:13:55	2B-390-5	543	OBS		09	:01.3	L
SEP 1	244:13:55	2B-390-6	543	OBS		09	:40	S
SEP 1	244:13:55	2B-390-7	543	OBS		09	:05	L
SEP 1	244:13:56	2B-390-8	543	OBS		09	2:40	S
SEP 1	244:13:58	2B-391-1	543	OBS		09	:20	L
SEP 1	244:14:02	2B-391-2	543	OBS		15	:20	S
SEP 1	244:14:04	2B-391-3	543	OBS		15	:20	S
SEP 1	244:16:39	2A-366	545	06 -2	02	SC	1:19	L
SEP 1	244:16:52	2B-391-4	545	04A-5	28	P42	16:00	S
SEP 1	244:17:09	2B-391-5	545	04A-5	28	P42	13:00	S
SEP 1	244:18:09	2A-367	546	06 -2	02	SC	1:20	L
SEP 1	244:18:33	2B-391-6	546	04A-7	28	P42	16:00	S
SEP 1	244:18:52	2B-391-7	546	12D		QR1	:10	S
SEP 1	244:18:52	2B-391-8	546	12D		QR1	:40	S
SEP 1	244:18:53	2B-392-1	546	12D		QR1	2:40	S
SEP 1	244:19:40	2A-368	547	06 -2	02	SC	1:22	L
SEP 1	244:19:50	2A-369	547	02F-1	10	P47	:39	S
SEP 1	244:20:24	2B-392-2	547	16 -4	10	P47	:02.5	S
SEP 1	244:20:24	2B-392-3	547	16 -4	10	P47	:00.3	L
SEP 1	244:20:24	2B-392-4	547	16 -4	10	P47	:10	S
SEP 1	244:20:24	2B-392-5	547	16 -4	10	P47	:01.3	L
SEP 1	244:20:24	2B-392-6	547	16 -4	10	P47	:43	S
SEP 1	244:20:25	2B-392-7	547	16 -4	10	P47	:05	L

NOAA observed prominence P47 lifting off
(Roll -1731; R/L +789; U/D -130)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
SEP 1	244:20:25	2B-392-8	547	16 -4	10	P47	2:40	S
SEP 1	244:20:28	2B-393-1	547	16 -4	10	P47	:20	L
SEP 1	244:21:13	2A-370	548	06 -2	02	SC	1:19	L
SEP 1	244:21:25	2B-393-2	548	02A	10	09	:00.3	L
SEP 1	244:21:25	2B-393-3	548	02A	10	09	:02.5	S
SEP 1	244:21:26	2A-371	548	S03	10	09	:45	L
SEP 1	244:21:26	2B-393-4	548	02A	10	09	:01.3	L
SEP 1	244:21:26	2B-393-5	548	02A	10	09	:10	S
SEP 1	244:21:26	2B-393-6	548	02A	10	09	:05	L
SEP 1	244:21:26	2B-393-7	548	02A	10	09	:40	S
SEP 1	244:21:27	2A-372	548	S03	10	09	4:40	S
SEP 1	244:21:27	2B-393-8	548	02A	10	09	:20	L
SEP 1	244:21:27	2B-394-1	548	02A	10	09	2:40	S
SEP 1	244:21:32	2A-373	548	S03	10	09	:39	S
SEP 1	244:21:32	2B-394-2	548	OBS		09	:09.3	S
SEP 1	244:21:39	2B-394-3	548	02A	10	09	:02.5	S
SEP 1	244:21:39	2B-394-4	548	02A	10	09	:00.3	L
SEP 1	244:21:40	2B-394-5	548	02A	10	09	:10	S
SEP 1	244:21:40	2B-394-6	548	02A	10	09	:01.3	L
SEP 1	244:21:40	2B-394-7	548	02A	10	09	:40	S
SEP 1	244:21:40	2B-394-8	548	02A	10	09	:05	L
SEP 1	244:21:41	2B-395-1	548	02A	10	09	2:40	S
SEP 1	244:21:43	2B-395-2	548	02A	10	09	:20	L
SEP 1	244:21:49	2B-395-3	548	02A	10	09	:00.3	L
SEP 1	244:21:49	2B-395-4	548	02A	10	09	:02.5	S
SEP 1	244:21:49	2B-395-5	548	02A	10	09	:01.3	L
SEP 1	244:21:49	2B-395-6	548	02A	10	09	:10	S
SEP 1	244:21:49	2B-395-7	548	02A	10	09	:05	L
SEP 1	244:21:49	2B-395-8	548	02A	10	09	:40	S
SEP 1	244:21:50	2B-396-1	548	02A	10	09	:20	L
SEP 1	244:21:50	2B-396-2	548	02A	10	09	2:40	S
SEP 1	244:21:55	2B-396-3	548	02A	10	09	:02.5	S
SEP 1	244:21:55	2B-396-4	548	02A	10	09	:00.3	L
SEP 1	244:21:55	2B-396-5	548	02A	10	09	:10	S
SEP 1	244:21:55	2B-396-6	548	02A	10	09	:01.3	L
SEP 1	244:21:55	2B-396-7	548	02A	10	09	:40	S
SEP 1	244:21:56	2B-396-8	548	02A	10	09	:05	L
SEP 1	244:21:56	2B-397-1	548	02A	10	09	2:40	S
SEP 1	244:21:59	2B-397-2	548	02A	10	09	:20	L
SEP 1	244:23:15	2B-397-3	549	02A-1	10	09	:00.3	L
SEP 1	244:23:15	2B-397-4	549	02A-1	10	09	:02.5	S
SEP 1	244:23:15	2B-397-5	549	02A-1	10	09	:01.3	L
SEP 1	244:23:15	2B-397-6	549	02A-1	10	09	:10	S
SEP 1	244:23:15	2B-397-7	549	02A-1	10	09	:05	L
SEP 1	244:23:15	2B-397-8	549	02A-1	10	09	:40	S
SEP 1	244:23:16	2B-398-1	549	02A-1	10	09	:20	L
SEP 1	244:23:17	2B-398-2	549	02A-1	10	09	2:40	S
SEP 2	245:00:21	2A-374	550	06 -1	01A	SC	:39	L
SEP 2	245:00:22	2A-375	550	06 -1	01A	SC	:39	S
SEP 2	245:00:34	2B-398-3	550	06 -1	01	SC	5:00	S
SEP 2	245:00:45	2B-398-4	550	OBS		UNK	:02.5	S
SEP 2	245:00:45	2B-398-5	550	OBS		UNK	:00.3	L

Subflare (Roll -2685; R/L -765; U/D +350)
NOTE: Roll did not match coordinates.

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
SEP 2	245:00:45	2B-398-6	550	OBS		UNK	:10	S	Subflare (Roll -4040; R/L -584; U/D +620)
SEP 2	245:00:45	2B-398-7	550	OBS		UNK	:01.3	L	
SEP 2	245:00:45	2B-398-8	550	OBS		UNK	:40	S	
SEP 2	245:00:46	2A-376	550	OBS		UNK	:09	S	
SEP 2	245:00:46	2B-399-1	550	OBS		UNK	:05	L	
SEP 2	245:00:46	2B-399-2	550	OBS		UNK	2:40	S	
SEP 2	245:00:49	2B-399-3	550	OBS		UNK	:20	L	
SEP 2	245:00:51	2B-399-4	550	OBS		UNK	:02.5	S	
SEP 2	245:00:51	2B-399-5	550	OBS		UNK	:00.3	L	
SEP 2	245:00:51	2B-399-6	550	OBS		UNK	:10	S	
SEP 2	245:00:51	2B-399-7	550	OBS		UNK	:01	L	
SEP 2	245:01:00	2B-399-8	550	06 -1	01	SC	10:00	L	
SEP 2	245:02:19	2B-400-1	551	S06		09	2:39	S	
SEP 2	245:02:24	2B-400-2	551	S06		09	2:39	S	
SEP 2	245:02:27	2B-400-3	551	S06		09	2:40	S	
SEP 2	245:02:36	2B-400-4	551	S05		15	2:40	S	
SEP 2	245:02:41	2B-400-5	551	S05		15	:40	S	
SEP 2	245:04:04	2B-400-6	552	S		15	:19	S	
SEP 2	245:12:47	2B-400-7	558	S03		15	:02.5	S	
SEP 2	245:12:47	2B-400-8	558	S03		15	:00.3	L	
SEP 2	245:12:47	2B-401-1	558	S03		15	:10	S	
SEP 2	245:12:47	2B-401-2	558	S03		15	:01.3	L	
SEP 2	245:12:47	2B-401-3	558	S03		15	:40	S	
SEP 2	245:12:48	2B-401-4	558	S03		15	:05	L	
SEP 2	245:12:48	2B-401-5	558	S03		15	2:40	S	
SEP 2	245:12:51	2B-401-6	558	S03		15	:20	L	
SEP 2	245:13:03	2B-401-7	558	S03		15	:20	S	
SEP 2	245:13:14	2B-401-8	558	06 -1	01	SC	1:00	S	
SEP 2	245:13:15	2B-402-1	558	06 -1	01	SC	5:00	S	
SEP 2	245:13:32	2A-377	558	06 -1	01A	SC	:09	S	
SEP 2	245:13:33	2A-378	558	06 -1	01A	SC	2:40	L	
SEP 2	245:15:54	2A-379	560	06 -2	02	SC	:39	S	
SEP 2	245:16:22	2B-402-2	560	02F-1	10	09	:02.5	S	
SEP 2	245:16:22	2B-402-3	560	02F-1	10	09	:00.3	L	
SEP 2	245:16:22	2B-402-4	560	02F-1	10	09	:10	S	
SEP 2	245:16:22	2B-402-5	560	02F-1	10	09	:01.3	L	
SEP 2	245:16:22	2B-402-6	560	02F-1	10	09	:40	S	
SEP 2	245:16:23	2B-402-7	560	02F-1	10	09	:05	L	
SEP 2	245:16:23	2B-402-8	560	02F-1	10	09	2:40	S	
SEP 2	245:16:26	2B-403-1	560	02F-1	10	09	:20	L	
SEP 2	245:16:34	2B-403-2	560	02F-1	10	09	:00.3	L	
SEP 2	245:16:34	2B-403-3	560	02F-1	10	09	:02.5	S	
SEP 2	245:16:34	2B-403-4	560	02F-1	10	09	:01.3	L	
SEP 2	245:16:34	2B-403-5	560	02F-1	10	09	:10	S	
SEP 2	245:16:34	2B-403-6	560	02F-1	10	09	:05	L	
SEP 2	245:16:34	2B-403-7	560	02F-1	10	09	:40	S	
SEP 2	245:16:35	2B-403-8	560	02F-1	10	09	:20	L	
SEP 2	245:16:35	2B-404-1	560	02F-1	10	09	2:40	S	
SEP 2	245:19:04	2B-404-2	562	OBS		UNK	:02.5	S	
SEP 2	245:19:04	2B-404-3	562	OBS		UNK	:00.3	L	
SEP 2	245:19:04	2B-404-4	562	OBS		UNK	:10	S	
SEP 2	245:19:04	2B-404-5	562	OBS		UNK	:01.3	L	
SEP 2	245:19:05	2B-404-6	562	OBS		UNK	:40	S	
SEP 2	245:19:05	2B-404-7	562	OBS		UNK	:05	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
SEP 2	245:19:05	2B-404-8	562	OBS		UNK	2:40	S
SEP 2	245:19:07	2A-380	562	OBS		UNK	:03	S
SEP 2	245:19:08	2B-405-1	562	OBS		UNK	:20	L
SEP 2	245:19:10	2B-405-2	562	OBS		UNK	:20	S
SEP 2	245:19:19	2B-405-3	562	OBS		UNK	:09	S
SEP 2	245:19:23	2B-405-4	562	OBS		UNK	:20	S
SEP 2	245:19:43	2B-405-5	562	OBS		UNK	:09	S
SEP 2	245:20:38	2B-405-6	563	OBS		UNK	2:00	S
SEP 2	245:20:43	2B-405-7	563	OBS		UNK	2:00	S
SEP 2	245:20:53	2B-405-8	563	OBS		UNK	2:00	S
SEP 2	245:21:06	2B-406-1	563	OBS		UNK	:20	S
SEP 2	245:22:05	2A-381	564	06 -2	02	SC	:40	S
SEP 2	245:22:20	2A-382	564	02F-1	10	02	:40	S
SEP 2	245:22:27	2A-383	564	02F-1	10	02	1:19	L
SEP 3	246:01:12	2A-384	566	06 -1	01A	SC	:40	L
SEP 3	246:01:13	2A-385	566	06 -1	01A	SC	:40	S
SEP 3	246:01:21	2B-406-2	566	06 -1	01	SC	5:00	S
SEP 3	246:01:27	2B-406-3	566	06 -1	01	SC	9:55	S
SEP 3	246:12:09	2A-386	573	06 -1	01A	SC	2:40	L
SEP 3	246:12:13	2A-387	573	06 -1	01A	SC	:10	S
SEP 3	246:13:48	2B-406-4	574	02A-2	05	12	:02.5	S
SEP 3	246:13:48	2B-406-5	574	02A-2	05	12	:00.3	L
SEP 3	246:13:48	2B-406-6	574	02A-2	05	12	:10	S
SEP 3	246:13:48	2B-406-7	574	02A-2	05	12	:01.3	L
SEP 3	246:13:49	2B-406-8	574	02A-2	05	12	:40	S
SEP 3	246:13:49	2B-407-1	574	02A-2	05	12	:05	L
SEP 3	246:13:49	2B-407-2	574	02A-2	05	12	2:40	S
SEP 3	246:13:52	2B-407-3	574	02A-2	05	12	:20	L
SEP 3	246:13:55	2B-407-4	574	02A-2	05	12	:00.3	L
SEP 3	246:13:55	2B-407-5	574	02A-2	05	12	:02.5	S
SEP 3	246:13:55	2B-407-6	574	02A-2	05	12	:01.3	L
SEP 3	246:13:55	2B-407-7	574	02A-2	05	12	:10	S
SEP 3	246:13:55	2B-407-8	574	02A-2	05	12	:05	L
SEP 3	246:13:55	2B-408-1	574	02A-2	05	12	:40	S
SEP 3	246:13:56	2B-408-2	574	02A-2	05	12	:20	L
SEP 3	246:13:56	2B-408-3	574	02A-2	05	12	2:40	S
SEP 3	246:14:13	2B-408-4	574	02A-2	05	12	:02.5	S
SEP 3	246:14:13	2B-408-5	574	02A-2	05	12	:00.3	L
SEP 3	246:14:13	2B-408-6	574	02A-2	05	12	:10	S
SEP 3	246:14:14	2B-408-7	574	02A-2	05	12	:01.3	L
SEP 3	246:14:14	2B-408-8	574	02A-2	05	12	:32	S
SEP 3	246:14:21	2B-409-1	574	OBS		UNK	:37	S
SEP 3	246:14:23	2B-409-2	574	OBS		UNK	:02	S
SEP 3	246:16:45	2A-388	576	02A-1	04A	15	:02.5	S
SEP 3	246:16:45	2A-389	576	02A-1	04A	15	:10	S
SEP 3	246:16:45	2A-390	576	02A-1	04A	15	:40	S
SEP 3	246:16:52	2B-409-3	576	02A-1	04	15	:02.5	S
SEP 3	246:16:52	2B-409-4	576	02A-1	04	15	:00.3	L
SEP 3	246:16:52	2B-409-5	576	02A-1	04	15	:10	S
SEP 3	246:16:52	2B-409-6	576	02A-1	04	15	:01.3	L
SEP 3	246:16:52	2B-409-7	576	02A-1	04	15	:33.8	S
SEP 3	246:17:00	2B-409-8	576	02A-1	04	15	:02.5	S

CHRONOLOGICAL LISTING

DATE		TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL
SEP	3	246:17:00	2B-410-1	576	02A-1	04	15	:00.3	L
SEP	3	246:17:00	2B-410-2	576	02A-1	04	15	:10	S
SEP	3	246:17:00	2B-410-3	576	02A-1	04	15	:01.3	L
SEP	3	246:17:01	2B-410-4	576	02A-1	04	15	:30.3	S
SEP	3	246:17:09	2B-410-5	576	02A-1	04	15	:02.5	S
SEP	3	246:17:09	2B-410-6	576	02A-1	04	15	:00.3	L
SEP	3	246:17:09	2B-410-7	576	02A-1	04	15	:10	S
SEP	3	246:17:09	2B-410-8	576	02A-1	04	15	:01.3	L
SEP	3	246:17:09	2B-411-1	576	02A-1	04	15	:31.8	S
SEP	3	246:18:27	2A-391	577	06 -2	02	SC	:40	S
SEP	3	246:18:56	2B-411-2	577	OBS		UNK	5:19	S
SEP	3	246:20:01	2B-411-3	578	02A-1	04	09	:02.5	S
SEP	3	246:20:01	2B-411-4	578	02A-1	04	09	:00.3	L
SEP	3	246:20:01	2B-411-5	578	02A-1	04	09	:10	S
SEP	3	246:20:01	2B-411-6	578	02A-1	04	09	:01.3	L
SEP	3	246:20:01	2B-411-7	578	02A-1	04	09	:32	S
SEP	3	246:20:10	2B-411-8	578	02A-1	04	09	:02.5	S
SEP	3	246:20:10	2B-412-1	578	02A-1	04	09	:00.3	L
SEP	3	246:20:10	2B-412-2	578	02A-1	04	09	:10	S
SEP	3	246:20:10	2B-412-3	578	02A-1	04	09	:01.3	L
SEP	3	246:20:10	2B-412-4	578	02A-1	04	09	:30	S
SEP	3	246:20:17	2B-412-5	578	02A-1	04	09	:02.5	S
SEP	3	246:20:17	2B-412-6	578	02A-1	04	09	:00.3	L
SEP	3	246:20:17	2B-412-7	578	02A-1	04	09	:10	S
SEP	3	246:20:17	2B-412-8	578	02A-1	04	09	:01.3	L
SEP	3	246:20:17	2B-413-1	578	02A-1	04	09	:30.3	S
SEP	3	246:20:24	2B-413-2	578	OBS		09	:02.5	S
SEP	3	246:20:24	2B-413-3	578	OBS		09	:00.3	L
SEP	3	246:20:24	2B-413-4	578	OBS		09	:10	S
SEP	3	246:20:25	2B-413-5	578	OBS		09	:01.3	L
SEP	3	246:20:25	2B-413-6	578	OBS		09	:32.3	S
SEP	3	246:20:33	2B-413-7	578	OBS		09	:20	S
SEP	3	246:21:35	2A-392	579	02A-7	10	09	:40	L
SEP	3	246:21:42	2A-393	579	02A-7	10	09	:40	S
SEP	3	246:21:49	2B-413-8	579	02D-6	10	09	:02.5	S
SEP	3	246:21:49	2B-414-1	579	02D-6	10	09	:00.3	L
SEP	3	246:21:49	2B-414-2	579	02D-6	10	09	:10	S
SEP	3	246:21:50	2B-414-3	579	02D-6	10	09	:01.3	L
SEP	3	246:21:50	2B-414-4	579	02D-6	10	09	:29.8	S
SEP	3	246:21:56	2B-414-5	579	02D-6	10	09	:02.5	S
SEP	3	246:21:56	2B-414-6	579	02D-6	10	09	:00.3	L
SEP	3	246:21:56	2B-414-7	579	02D-6	10	09	:10	S
SEP	3	246:21:56	2B-414-8	579	02D-6	10	09	:01.3	L
SEP	3	246:21:56	2B-415-1	579	02D-6	10	09	:30.3	S
SEP	3	246:22:08	2B-415-2	579	02D-6	10	09	:02.5	S
SEP	3	246:22:08	2B-415-3	579	02D-6	10	09	:00.3	L
SEP	3	246:22:08	2B-415-4	579	02D-6	10	09	:10	S
SEP	3	246:22:08	2B-415-5	579	02D-6	10	09	:01.3	L
SEP	3	246:22:08	2B-415-6	579	02D-6	10	09	:31.8	S
SEP	3	246:22:55	2A-394	580	02D-6	10	BSP	:39	L
SEP	3	246:23:02	2A-395	580	02A-7	10	UNK	:39	S
SEP	3	246:23:19	2B-415-7	580	02D-6	10	09	:02.5	S
SEP	3	246:23:19	2B-415-8	580	02D-6	10	09	:00.3	L
SEP	3	246:23:19	2B-416-1	580	02D-6	10	09	:10	S

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
SEP 3	246:23:19	2B-416-2	580	02D-6	10	09	:01.3	L	
SEP 3	246:23:19	2B-416-3	580	02D-6	10	09	:29.8	S	
SEP 3	246:23:31	2B-416-4	580	02D-6	10	09	:02.5	S	
SEP 3	246:23:31	2B-416-5	580	02D-6	10	09	:00.3	L	
SEP 3	246:23:31	2B-416-6	580	02D-6	10	09	:10	S	
SEP 3	246:23:31	2B-416-7	580	02D-6	10	09	:01.3	L	
SEP 3	246:23:31	2B-416-8	580	02D-6	10	09	:32.3	S	
SEP 3	246:23:38	2B-417-1	580	02D-6	10	09	:02.5	S	
SEP 3	246:23:38	2B-417-2	580	02D-6	10	09	:00.3	L	
SEP 3	246:23:38	2B-417-3	580	02D-6	10	09	:10	S	
SEP 3	246:23:38	2B-417-4	580	02D-6	10	09	:01.3	L	
SEP 3	246:23:38	2B-417-5	580	02D-6	10	09	:31.5	S	
SEP 4	247:00:34	2A-396	581	06 -1	01A	SC	:39	L	
SEP 4	247:00:35	2A-397	581	06 -1	01A	SC	:39	S	
SEP 4	247:00:56	2B-417-6	581	OBS		12	:02.5	S	
SEP 4	247:00:56	2B-417-7	581	OBS		12	:00.3	L	
SEP 4	247:00:56	2B-417-8	581	OBS		12	:10	S	
SEP 4	247:00:56	2B-418-1	581	OBS		12	:01.3	L	
SEP 4	247:00:57	2B-418-2	581	OBS		12	:40	S	Small Flare (Roll +5400; R/L -041; U/D -346)
SEP 4	247:00:57	2B-418-3	581	OBS		12	:05	L	
SEP 4	247:00:57	2B-418-4	581	OBS		12	2:40	S	
SEP 4	247:01:00	2B-418-5	581	OBS		12	:20	L	
SEP 4	247:01:02	2B-418-6	581	OBS		12	:20	S	
SEP 4	247:02:38	2B-418-7	582	12D		QR	2:40	S	
SEP 4	247:02:42	2B-418-8	582	12D		QR	:40	S	
SEP 4	247:02:43	2B-419-1	582	12D		QR	:10	S	
SEP 4	247:04:14	2B-419-2	583	S		19	:19	S	
SEP 4	247:11:29	2A-398	588	02A-4	36A	15	:39	L	
SEP 4	247:11:32	2A-399	588	02A-4	36A	15	:40	S	
SEP 4	247:11:37	2B-419-3	588	S		19	:02.5	S	
SEP 4	247:11:37	2B-419-4	588	S		19	:00.3	L	
SEP 4	247:11:37	2B-419-5	588	S		19	:10	S	
SEP 4	247:11:37	2B-419-6	588	S		19	:01.3	L	
SEP 4	247:11:37	2B-419-7	588	S		19	:32.3	S	
SEP 4	247:11:50	2B-419-8	588	02D-6	10	15	:02.5	S	
SEP 4	247:11:50	2B-420-1	588	02D-6	10	15	:00.3	L	
SEP 4	247:11:50	2B-420-2	588	02D-6	10	15	:10	S	
SEP 4	247:11:51	2B-420-3	588	02D-6	10	15	:01.3	L	
SEP 4	247:11:51	2B-420-4	588	02D-6	10	15	:29.5	S	
SEP 4	247:11:59	2B-420-5	588	02D-6	10	09	:02.5	S	
SEP 4	247:11:59	2B-420-6	588	02D-6	10	09	:00.3	L	
SEP 4	247:11:59	2B-420-7	588	02D-6	10	09	:10	S	
SEP 4	247:11:59	2B-420-8	588	02D-6	10	09	:01.3	L	
SEP 4	247:11:59	2B-421-1	588	02D-6	10	09	:29.8	S	
SEP 4	247:12:07	2B-421-2	588	02D-6	10	09	:02.5	S	
SEP 4	247:12:07	2B-421-3	588	02D-6	10	09	:00.3	L	
SEP 4	247:12:07	2B-421-4	588	02D-6	10	09	:10	S	
SEP 4	247:12:07	2B-421-5	588	02D-6	10	09	:01.3	L	
SEP 4	247:12:07	2B-421-6	588	02D-6	10	09	:32	S	
SEP 4	247:13:06	2A-400	589	06	01A	SC	2:40	L	
SEP 4	247:13:10	2A-401	589	06	01A	SC	:09	S	
SEP 4	247:13:35	2B-421-7	589	OBS		UNK	:20	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
SEP 4	247:16:16	2A-402	591	06	02	SC	:39	S	
SEP 4	247:16:28	2B-421-8	591	OBS		UNK	:02.5	S	
SEP 4	247:16:29	2B-422-1	591	S		12	:00.3	L	
SEP 4	247:16:29	2B-422-2	591	OBS		12	:10	S	
SEP 4	247:16:29	2B-422-3	591	OBS		12	:01.3	L	
SEP 4	247:16:29	2B-422-4	591	OBS		12	:30.3	S	
SEP 4	247:16:36	2A-403	591	08	10	12	:10	S	
SEP 4	247:16:36	2B-422-5	591	08	10	12	:00.3	S	
SEP 4	247:16:36	2B-422-6	591	08	10	12	:00.3	L	
SEP 4	247:16:36	2B-422-7	591	08	10	12	:10	S	1B Flare, C6 (247:16:31): Begin 16:31; Max 16:35; End 16:49
SEP 4	247:16:36	2B-422-8	591	08	10	12	:01.3	L	(Roll -2549; R/L -103; U/D +334)
SEP 4	247:16:36	2B-423-1	591	08	10	12	:40	S	
SEP 4	247:16:37	2B-423-2	591	08	10	12	:05	L	
SEP 4	247:16:37	2B-423-3	591	08	10	12	2:40	S	
SEP 4	247:16:40	2B-423-4	591	08	10	12	:20	L	
SEP 4	247:16:45	2B-423-5	591	02E-2	36B	12	:02.5	S	
SEP 4	247:16:46	2B-423-6	591	02E-2	36B	12	:00.3	L	
SEP 4	247:16:46	2B-423-7	591	02E-2	36B	12	:10	S	
SEP 4	247:16:46	2B-423-8	591	02E-2	36B	12	:01.3	L	
SEP 4	247:16:46	2B-424-1	591	02E-2	36B	12	:29.8	S	
SEP 4	247:19:12	2A-404	593	12B-1	21A	10	:02.5	S	
SEP 4	247:19:12	2A-405	593	12B-1	21A	10	:05	L	
SEP 4	247:19:12	2A-406	593	12B-1	21A	10	:10	S	
SEP 4	247:19:12	2A-407	593	12B-1	21A	10	:20	L	
SEP 4	247:19:13	2A-408	593	12B-1	21A	10	:40	S	
SEP 4	247:19:14	2A-409	593	12B-1	21A	10	1:20	L	Begin Calibration JOP
SEP 4	247:19:42	2B-424-2	593	12B-1	21B	10	:02.5	S	
SEP 4	247:19:42	2B-424-3	593	12B-1	21B	10	:00.3	L	
SEP 4	247:19:42	2B-424-4	593	12B-1	21B	10	:10	S	Cross calibration with S055
SEP 4	247:19:42	2B-424-5	593	12B-1	21B	10	:01.3	L	(Roll +5160: R/L -170; U/D +445)
SEP 4	247:19:42	2B-424-6	593	12B-1	21B	10	:40	S	
SEP 4	247:19:43	2B-424-7	593	12B-1	21B	10	:05	L	
SEP 4	247:19:43	2B-424-8	593	12B-1	21B	10	2:40	S	
SEP 4	247:19:46	2B-425-1	593	12B-1	21B	10	:20	L	
SEP 4	247:20:43	2B-425-2	594	12B-3	06	LB4	:00.3	L	
SEP 4	247:20:43	2B-425-3	594	12B-3	06	LB4	:02.5	S	
SEP 4	247:20:43	2B-425-4	594	12B-3	06	LB4	:01.3	L	
SEP 4	247:20:43	2B-425-5	594	12B-3	06	LB4	:10	S	-300 $\overset{\frown}{\text{sec}}$ (Roll -3098; R/L +678; U/D +056)
SEP 4	247:20:43	2B-425-6	594	12B-3	06	LB4	:05	L	
SEP 4	247:20:43	2B-425-7	594	12B-3	06	LB4	:40	S	
SEP 4	247:20:44	2B-425-8	594	12B-3	06	LB4	:20	L	
SEP 4	247:20:44	2B-426-1	594	12B-3	06	LB4	2:40	S	
SEP 4	247:20:49	2B-426-2	594	12B-3	06	LB4	5:20	S	
SEP 4	247:20:59	2B-426-3	594	12B-4		LB4	:02.5	S	
SEP 4	247:20:59	2B-426-4	594	12B-4		LB4	:00.3	L	
SEP 4	247:20:59	2B-426-5	594	12B-4		LB4	:10	S	
SEP 4	247:20:59	2B-426-6	594	12B-4		LB4	:01.3	L	
SEP 4	247:20:59	2B-426-7	594	12B-4		LB4	:40	S	-300 $\overset{\frown}{\text{sec}}$ slew calibration (Roll -3098; R/L +678; U/D +056)
SEP 4	247:21:00	2B-426-8	594	12B-4		LB4	:05	L	
SEP 4	247:21:00	2B-427-1	594	12B-4		LB4	2:40	S	
SEP 4	247:21:03	2B-427-2	594	12B-4		LB4	:20	L	
SEP 4	247:21:05	2B-427-3	594	12B-3	06A	LB3	:00.3	L	
SEP 4	247:21:05	2B-427-4	594	12B-3	06A	LB3	:02.5	S	
SEP 4	247:21:06	2B-427-5	594	12B-3	06A	LB3	:01.3	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
SEP 4	247:21:06	2B-427-6	594	12B-3	06A	LB3	:10	S	-50 sec (Roll -3098; R/L +928; U/D +056)
SEP 4	247:21:06	2B-427-7	594	12B-3	06A	LB3	:05	L	
SEP 4	247:21:06	2B-427-8	594	12B-3	06A	LB3	:40	S	
SEP 4	247:21:07	2B-428-1	594	12B-3	06A	LB3	:20	L	
SEP 4	247:21:07	2B-428-2	594	12B-3	06A	LB3	2:40	S	
SEP 4	247:21:12	2B-428-3	594	12B-3	06A	LB3	5:20	S	
SEP 4	247:22:17	2B-428-4	595	12B	13	LB	:00.4	S	
SEP 4	247:22:17	2B-428-5	595	12B	13	LB	:00.3	L	Begin Limb Scan
SEP 4	247:22:17	2B-428-6	595	12B	13	LB	:10	S	
SEP 4	247:22:17	2B-428-7	595	12B	13	LB	:01.3	L	(Crew error in initiating limb scan operation)
SEP 4	247:22:18	2B-428-8	595	12B	13	LB	:40	S	
SEP 4	247:22:18	2B-429-1	595	12B	13	LB	:05	L	
SEP 4	247:22:18	2B-429-2	595	12B	13	LB	2:40	S	
SEP 4	247:22:21	2B-429-3	595	12B	13	LB	:20	L	
SEP 4	247:22:24	2B-429-4	595	12B	13	LB	:00.3	L	
SEP 4	247:22:24	2B-429-5	595	12B	13	LB	:02.5	S	
SEP 4	247:22:24	2B-429-6	595	12B	13	LB	:01.3	L	
SEP 4	247:22:24	2B-429-7	595	12B	13	LB	:10	S	-12 sec (Roll -3101; R/L +975; U/D +055)
SEP 4	247:22:25	2B-429-8	595	12B	13	LB	:05	L	
SEP 4	247:22:25	2B-430-1	595	12B	13	LB	:40	S	
SEP 4	247:22:25	2B-430-2	595	12B	13	LB	:20	L	
SEP 4	247:22:26	2B-430-3	595	12B	13	LB	2:40	S	
SEP 4	247:22:29	2B-430-4	595	12B	13	LB	:00.3	L	
SEP 4	247:22:29	2B-430-5	595	12B	13	LB	:02.5	S	
SEP 4	247:22:29	2B-430-6	595	12B	13	LB	:01.3	L	
SEP 4	247:22:29	2B-430-7	595	12B	13	LB	:10	S	-4 sec
SEP 4	247:22:29	2B-430-8	595	12B	13	LB	:05	L	
SEP 4	247:22:29	2B-431-1	595	12B	13	LB	:40	S	
SEP 4	247:22:30	2B-431-2	595	12B	13	LB	:20	L	
SEP 4	247:22:30	2B-431-3	595	12B	13	LB	2:40	S	
SEP 4	247:22:33	2B-431-4	595	12B	13	LB	:00.3	L	
SEP 4	247:22:33	2B-431-5	595	12B	13	LB	:02.5	S	
SEP 4	247:22:33	2B-431-6	595	12B	13	LB	:01.3	L	
SEP 4	247:22:33	2B-431-7	595	12B	13	LB	:10	S	-2 sec
SEP 4	247:22:33	2B-431-8	595	12B	13	LB	:05	L	
SEP 4	247:22:33	2B-432-1	595	12B	13	LB	:40	S	
SEP 4	247:22:34	2B-432-2	595	12B	13	LB	:20	L	
SEP 4	247:22:34	2B-432-3	595	12B	13	LB	2:40	S	
SEP 4	247:22:37	2B-432-4	595	12B	13	LB	: 0.3	L	
SEP 4	247:22:37	2B-432-5	595	12B	13	LB	:02.5	S	
SEP 4	247:22:37	2B-432-6	595	12B	13	LB	:01.3	L	
SEP 4	247:22:37	2B-432-7	595	12B	13	LB	:10	S	0 sec
SEP 4	247:22:37	2B-432-8	595	12B	13	LB	:05	L	
SEP 4	247:22:38	2B-433-1	595	12B	13	LB	:40	S	
SEP 4	247:22:38	2B-433-2	595	12B	13	LB	:20	L	
SEP 4	247:22:39	2B-433-3	595	12B	13	LB	2:40	S	
SEP 4	247:22:41	2B-433-4	595	12B	13	LB	:02.5	L	
SEP 4	247:22:41	2B-433-5	595	12B	13	LB	:10	S	
SEP 4	247:22:42	2B-433-6	595	12B	13	LB	:10	L	
SEP 4	247:22:42	2B-433-7	595	12B	13	LB	:40	S	+2 sec
SEP 4	247:22:42	2B-433-8	595	12B	13	LB	:40	L	
SEP 4	247:22:43	2B-434-1	595	12B	13	LB	2:40	S	
SEP 4	247:22:46	2B-434-2	595	12B	13	LB	2:40	L	
SEP 4	247:22:49	2B-434-3	595	12B	13	LB	10:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
SEP 4	247:22:59	2B-434-4	595	12B	13	LB	:02.5	L	
SEP 4	247:22:59	2B-434-5	595	12B	13	LB	:10	S	
SEP 4	247:23:00	2B-434-6	595	12B	13	LB	:10	L	
SEP 4	247:23:00	2B-434-7	595	12B	13	LB	:40	S	
SEP 4	247:23:00	2B-434-8	595	12B	13	LB	:40	L	
SEP 4	247:23:01	2B-435-1	595	12B	13	LB	1:37	S	+4 sec
SEP 4	247:23:49	2B-435-2	596	12B	13	LB	2:40	L	
SEP 4	247:23:52	2B-435-3	596	12B	13	LB	10:40	S	
SEP 5	248:00:02	2B-435-4	596	12B	13	LB	:02.5	L	
SEP 5	248:00:02	2B-435-5	596	12B	13	LB	:10	S	
SEP 5	248:00:03	2B-435-6	596	12B	13	LB	:10	L	
SEP 5	248:00:03	2B-435-7	596	12B	13	LB	:40	S	+6 sec
SEP 5	248:00:03	2B-435-8	596	12B	13	LB	:40	L	
SEP 5	248:00:04	2B-436-1	596	12B	13	LB	2:40	S	
SEP 5	248:00:07	2B-436-2	596	12B	13	LB	2:40	L	
SEP 5	248:00:10	2B-436-3	596	12B	13	LB	10:40	S	
SEP 5	248:00:20	2B-436-4	596	12B	13	LB	:02.5	L	
SEP 5	248:00:20	2B-436-5	596	12B	13	LB	:10	S	
SEP 5	248:00:21	2B-436-6	596	12B	13	LB	:10	L	
SEP 5	248:00:21	2B-436-7	596	12B	13	LB	:40	S	
SEP 5	248:00:21	2B-436-8	596	12B	13	LB	:40	L	+8 sec
SEP 5	248:00:22	2B-437-1	596	12B	13	LB	2:40	S	
SEP 5	248:00:25	2B-437-2	596	12B	13	LB	2:40	L	End Limb Scan/Calibration JOP
SEP 5	248:00:28	2B-437-3	596	12B	13	LB	9:04	S	
SEP 5	248:01:22	2A-410	597	06 -1	01A	SC	:39	L	
SEP 5	248:01:51	2A-411	597	06 -1	01A	SC	:39	S	
SEP 5	248:01:54	2B-437-4	597	12B	06	LB	:02.5	S	
SEP 5	248:01:55	2B-437-5	597	12B	06	LB	:00.3	L	
SEP 5	248:01:55	2B-437-6	597	12B	06	LB	:10	S	
SEP 5	248:01:55	2B-437-7	597	12B	06	LB	:01.3	L	
SEP 5	248:01:55	2B-437-8	597	12B	06	LB	:40	S	
SEP 5	248:01:56	2B-438-1	597	12B	06	LB	:05	L	
SEP 5	248:01:56	2B-438-2	597	12B	06	LB	2:40	S	
SEP 5	248:01:58	2B-438-3	597	12B	06	LB	:20	L	
SEP 5	248:01:59	2B-438-4	597	12B	06	LB	5:19	S	
SEP 5	248:12:28	2A-412	604	06 -1	01A	SC	2:39	L	
SEP 5	248:12:31	2A-413	604	06 -1	01A	SC	:10	S	
SEP 5	248:14:25	2B-438-5	605	S16		13	8:00	S	— +29 sec limb study: Roll -375; R/L +1003; U/D +055
SEP 5	248:15:17	2A-414	606	11 -2	10	12	:39	S	
SEP 5	248:15:27	2A-415	606	11 -2	10	12	:40	L	
SEP 5	248:15:37	2A-416	606	11 -2	10	12	2:24	S	
SEP 5	248:15:40	2A-417	606	11 -2	10	12	:40	S	
SEP 5	248:15:47	2A-418	606	11 -2	10	12	:40	L	
SEP 5	248:17:25	2B-438-6	607	S03		06	:20	S	— Exposure between AR06 and AR07: Roll -1893; R/L +893; U/D -214
SEP 5	248:18:29	2B-438-7	608	S03		12	:19	L	
SEP 5	248:18:31	2A-419	608	S03		12	:02	S	
SEP 5	248:18:31	2B-438-8	608	S03		12	:02.5	S	
SEP 5	248:18:31	2B-439-1	608	S03		12	:00.3	L	
SEP 5	248:18:31	2B-439-2	608	S03		12	:10	S	
SEP 5	248:18:31	2B-439-3	608	S03		12	:01.3	L	
SEP 5	248:18:31	2B-439-4	608	S03		12	:40	S	
SEP 5	248:18:32	2B-439-5	608	S03		12	:05	L	— M2 or M3 Flare (248:1830): Begin 18:30; Max 18:33; End 18:39

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
SEP 5	248:18:32	2B-439-6	608	S03		12	2:40	S	
SEP 5	248:18:35	2B-439-7	608	S03		12	:20	L	
SEP 5	248:18:36	2B-439-8	608	S03		12	:09.8	S	
SEP 5	248:18:37	2A-420	608	S03		12	:05	S	M2 or M3 Flare (248:1830): Begin 18:30; Max 18:33; End 18:39
SEP 5	248:18:38	2B-440-1	608	S03		12	:00.3	U	Predisperser between positions
SEP 5	248:18:41	2B-440-2	608	S03		12	:02.5	S	
SEP 5	248:18:41	2B-440-3	608	S03		12	:01.3	L	
SEP 5	248:18:41	2B-440-4	608	S03		12	:10	S	
SEP 5	248:18:41	2B-440-5	608	S03		12	:05	L	
SEP 5	248:18:41	2B-440-6	608	S03		12	:40	S	
SEP 5	248:18:42	2B-440-7	608	S03		12	:20	L	
SEP 5	248:18:42	2B-440-8	608	S03		12	2:40	S	
SEP 5	248:18:47	2B-441-1	608	S03		12	:09.8	S	
SEP 5	248:20:04	2B-441-2	609	S03		09	:10	S	Pre-flare rise: Roll +5399; R/L +403; U/D +478
SEP 5	248:20:08	2B-441-3	609	S03		09	:10	S	
SEP 5	248:20:15	2A-421	609	03		09	:03	S	
SEP 5	248:20:15	2B-441-4	609	03	08	09	:00.3	S	
SEP 5	248:20:15	2B-441-5	609	03	08	09	:01.3	S	
SEP 5	248:20:15	2B-441-6	609	03	08	09	:05	S	
SEP 5	248:20:15	2B-441-7	609	03	08	09	:20	S	
SEP 5	248:20:15	2B-441-8	609	03	08	09	:00.3	S	
SEP 5	248:20:15	2B-442-1	609	03	08	09	:01.3	S	
SEP 5	248:20:15	2B-442-2	609	03	08	09	:05	S	
SEP 5	248:20:15	2B-442-3	609	03	08	09	:20	S	
SEP 5	248:20:16	2B-442-4	609	03	08	09	:00.2	L	
SEP 5	248:20:16	2B-442-5	609	03	08	09	:00.6	L	
SEP 5	248:20:16	2B-442-6	609	03	08	09	:02.5	L	
SEP 5	248:20:16	2B-442-7	609	03	08	09	:10	L	Flare (248:20:15): Begin 19:52; Max 20:10; End 20:20
SEP 5	248:20:16	2B-442-8	609	03	08	09	:00.3	S	(Roll +5641; R/L +369; U/D +495)
SEP 5	248:20:16	2B-443-1	609	03	08	09	:01.3	S	
SEP 5	248:20:16	2B-443-2	609	03	08	09	:05	S	
SEP 5	248:20:16	2B-443-3	609	03	08	09	:20	S	
SEP 5	248:20:17	2B-443-4	609	03	08	09	:00.3	S	
SEP 5	248:20:17	2B-443-5	609	03	08	09	:01.3	S	
SEP 5	248:20:17	2B-443-6	609	03	08	09	:05	S	
SEP 5	248:20:17	2B-443-7	609	03	08	09	:20	S	
SEP 5	248:20:17	2B-443-8	609	03	08	09	:00.2	L	
SEP 5	248:20:17	2B-444-1	609	03	08	09	:00.6	L	
SEP 5	248:20:17	2B-444-2	609	03	08	09	:02.5	L	
SEP 5	248:20:17	2B-444-3	609	03	08	09	:10	L	
SEP 5	248:20:17	2B-444-4	609	03	08	09	:01.3	S	
SEP 5	248:20:17	2B-444-5	609	03	08	09	:05	S	
SEP 5	248:20:17	2B-444-6	609	03	08	09	:20	S	
SEP 5	248:20:18	2B-444-7	609	03	08	09	1:01	S	
SEP 5	248:20:20	2A-422	609	03		09	:04	S	
SEP 5	248:20:25	2B-444-8	609	03	08	09	:09	S	Post Flare: Roll +5641; R/L +369; U/D +495
SEP 5	248:20:33	2B-445-1	609	03	08	09	:09	S	Post Flare: Roll +5772; R/L +369; U/D +495
SEP 5	248:20:41	2B-445-2	609	03	08	09	:10	S	
SEP 5	248:21:38	2B-445-3	610	03	08	09	:10	S	
SEP 5	248:21:40	2A-423	610	03		09	:39	S	
SEP 5	248:21:45	2B-445-4	610	03	08	09	:10	S	Post Flare: Roll -1730; R/L +186; U/D -455
SEP 5	248:21:55	2B-445-5	610	03	08	09	:10	S	
SEP 5	248:22:02	2B-445-6	610	03	08	09	:10	S	
SEP 5	248:22:03	2A-424	610	03		09	:39	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
SEP 5	248:23:14	2B-445-7	611	S03		15	:10	S	
SEP 5	248:23:48	2B-445-8	611	S03		15	:40	S	
SEP 5	248:23:50	2B-446-1	611	S03		15	:10	S	
SEP 6	249:00:41	2A-425	612	OBS		UNK	:39	L	
SEP 6	249:00:42	2A-426	612	OBS		UNK	:39	S	
SEP 6	249:02:17	2B-446-2	613	S		19	: 9	S	
SEP 6	249:13:04	2A-427	620	06 -1	01A	SC	2:40	L	
SEP 6	249:13:08	2A-428	620	06 -1	01A	SC	:10	S	
SEP 6	249:13:43	2B-446-3	620	12D		QR	:10	S	
SEP 6	249:13:43	2B-446-4	620	12D		QR	:40	S	
SEP 6	249:13:44	2B-446-5	620	12D		QR	2:40	S	
SEP 6	249:15:23	2B-446-6	621	S		19	:10	S	
SEP 6	249:16:11	2B-446-7	622	02D	10	12	:40	S	
SEP 6	249:16:20	2B-446-8	622	02D	10	12	2:40	S	
SEP 6	249:16:25	2B-447-1	622	02D	10	12	:40	S	
SEP 6	249:16:26	2B-447-2	622	02D	10	12	2:40	S	
SEP 6	249:16:32	2B-447-3	622	02D	10	12	:40	S	
SEP 6	249:16:38	2B-447-4	622	02D	10	12	2:40	S	
SEP 6	249:16:42	2B-447-5	622	02D	10	12	:40	S	
SEP 6	249:16:43	2B-447-6	622	02D	10	12	2:40	S	
SEP 6	249:16:50	2B-447-7	622	02D	10	12	:40	S	
SEP 6	249:16:51	2B-447-8	622	02D	10	12	2:40	S	
SEP 6	249:17:46	2B-448-1	623	02A-7	10	12	:40	S	
SEP 6	249:17:48	2B-448-2	623	02A-7	10	12	2:40	S	
SEP 6	249:17:52	2B-448-3	623	02A-7	10	12	:40	S	
SEP 6	249:17:54	2B-448-4	623	02A-7	10	12	2:40	S	
SEP 6	249:18:01	2B-448-5	623	02A-7	10	12	:40	S	
SEP 6	249:18:03	2B-448-6	623	02A-7	10	12	2:40	S	
SEP 6	249:18:08	2B-448-7	623	02A-7	10	12	:40	S	
SEP 6	249:18:09	2B-448-8	623	02A-7	10	12	2:40	S	
SEP 6	249:18:17	2B-449-1	623	02A-7	10	12	:40	S	
SEP 6	249:18:18	2B-449-2	623	02A-7	10	12	2:40	S	
SEP 6	249:18:22	2B-449-3	623	02A-7	10	12	:40	S	
SEP 6	249:18:23	2B-449-4	623	02A-7	10	12	2:40	S	
SEP 6	249:19:18	2A-429	624	06 -2	02	SC	:39	S	
SEP 6	249:23:08	2B-449-5	626	S05		19	3:59	S	
SEP 7	250:00:31	2B-449-6	627	S16		13	5:00	L	+8 $\widehat{\text{sec}}$ limb study: Roll -724; R/L +980; U/D +055
SEP 7	250:00:37	2B-449-7	627	S16		13	5:00	S	
SEP 7	250:00:42	2B-449-8	627	S16		13	5:00	S	+12 $\widehat{\text{sec}}$ limb study: Roll -717; R/L +985; U/D +055
SEP 7	250:01:34	2A-430	628	06 -1	01A	SC	:39	S	Type 4 burst in process on northeast limb
SEP 7	250:01:35	2A-431	628	06 -1	01A	SC	:40	L	
SEP 7	250:12:21	2A-432	635	03	08	09	:02	S	
SEP 7	250:12:21	2B-450-1	635	03	08	09	:00.3	S	
SEP 7	250:12:21	2B-450-2	635	03	08	09	:01.3	S	
SEP 7	250:12:21	2B-450-3	635	03	08	09	:05	S	
SEP 7	250:12:21	2B-450-4	635	03	08	09	:20	S	
SEP 7	250:12:22	2B-450-5	635	03	08	09	:00.3	S	5 maxima flare (5th max X-ray X1): Ref NOAA Report. PMEC 12:19
SEP 7	250:12:22	2B-450-6	635	03	08	09	:01.3	S	to 13:00. (Recorder full scale equal 1000 units; X-ray graph
SEP 7	250:12:22	2B-450-7	635	03	08	09	:05	S	one-quarter full scale; nearly linear)
SEP 7	250:12:22	2B-450-8	635	03	08	09	:20	S	(Roll -2302; R/L +319; U/D -634)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
SEP 7	250:12:22	2B-451-1	635	03	08	09	:00.2	L
SEP 7	250:12:22	2B-451-2	635	03	08	09	:00.6	L
SEP 7	250:12:22	2B-451-3	635	03	08	09	:02.5	L
SEP 7	250:12:22	2B-451-4	635	03	08	09	:10	L
SEP 7	250:12:22	2B-451-5	635	03	08	09	:00.3	S
SEP 7	250:12:22	2B-451-6	635	03	08	09	:01.3	S
SEP 7	250:12:22	2B-451-7	635	03	08	09	:05	S
SEP 7	250:12:23	2A-433	635	03	08	09	:04	S
SEP 7	250:12:23	2B-451-8	635	03	08	09	:20	S
SEP 7	250:12:23	2B-452-1	635	03	08	09	:00.3	S
SEP 7	250:12:23	2B-452-2	635	03	08	09	:01.3	S
SEP 7	250:12:23	2B-452-3	635	03	08	09	:05	S
SEP 7	250:12:23	2B-452-4	635	03	08	09	:20	S
SEP 7	250:12:23	2B-452-5	635	03	08	09	:00.2	L
SEP 7	250:12:23	2B-452-6	635	03	08	09	:00.6	L
SEP 7	250:12:23	2B-452-7	635	03	08	09	:02.5	L
SEP 7	250:12:23	2B-452-8	635	03	08	09	:10	L
SEP 7	250:12:24	2A-434	635	03	08	09	:40	S
SEP 7	250:12:24	2B-453-1	635	03	08	09	:01.3	S
SEP 7	250:12:24	2B-453-2	635	03	08	09	:05	S
SEP 7	250:12:24	2B-453-3	635	03	08	09	:20	S
SEP 7	250:12:24	2B-453-4	635	03	08	09	1:20	S
SEP 7	250:12:25	2B-453-5	635	03	08	09	:00.2	L
SEP 7	250:12:25	2B-453-6	635	03	08	09	:00.6	L
SEP 7	250:12:25	2B-453-7	635	03	08	09	:02.5	L
SEP 7	250:12:26	2B-453-8	635	03	08	09	:10	L
SEP 7	250:12:28	2B-454-1	635	03	08	09	:01.3	S
SEP 7	250:12:28	2B-454-2	635	03	08	09	:05	S
SEP 7	250:12:28	2B-454-3	635	03	08	09	:20	S
SEP 7	250:12:28	2B-454-4	635	03	08	09	1:20	S
SEP 7	250:12:29	2A-435	635	03	08	09	:40	S
SEP 7	250:12:30	2A-436	635	03	08	09	:19	S
SEP 7	250:12:30	2B-454-5	635	03	08	09	:00.2	L
SEP 7	250:12:30	2B-454-6	635	03	08	09	:00.6	L
SEP 7	250:12:30	2B-454-7	635	03	08	09	:02.5	L
SEP 7	250:12:30	2B-454-8	635	03	08	09	:10	L
SEP 7	250:12:32	2B-455-1	635	03	08	09	:01.3	S
SEP 7	250:12:32	2B-455-2	635	03	08	09	:05	S
SEP 7	250:12:32	2B-455-3	635	03	08	09	:20	S
SEP 7	250:12:32	2B-455-4	635	03	08	09	1:20	S
SEP 7	250:12:34	2B-455-5	635	03	08	09	:00.2	L
SEP 7	250:12:34	2B-455-6	635	03	08	09	:00.6	L
SEP 7	250:12:34	2B-455-7	635	03	08	09	:02.5	L
SEP 7	250:12:34	2B-455-8	635	03	08	09	:10	L
SEP 7	250:12:35	2A-437	635	03	08	09	:39	S
SEP 7	250:12:36	2A-438	635	03	08	09	:19	S
SEP 7	250:12:37	2B-456-1	635	03	08	09	:00.3	S
SEP 7	250:12:37	2B-456-2	635	03	08	09	:01.3	S
SEP 7	250:12:37	2B-456-3	635	03	08	09	:05	S
SEP 7	250:12:37	2B-456-4	635	03	08	09	:20	S
SEP 7	250:12:38	2B-456-5	635	03	08	09	:00.3	S
SEP 7	250:12:38	2B-456-6	635	03	08	09	:01.3	S
SEP 7	250:12:38	2B-456-7	635	03	08	09	:05	S
SEP 7	250:12:38	2B-456-8	635	03	08	09	:20	S

5 maxima flare (5th max X-ray X1): Ref NOAA Report. PMEC 12:19 to 13:00. (Recorder full scale equal 1000 units; X-ray graph one-quarter full scale; nearly linear)
(Roll -2302; R/L +319; U/D -634)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
SEP 7	250:12:38	2B-457-1	635	03	08	09	:00.	2L	5 maxima flare - Continued
SEP 7	250:12:38	2B-457-2	635	03	08	09	:00.	6L	
SEP 7	250:12:38	2B-457-3	635	03	08	09	:02.	5L	
SEP 7	250:12:38	2B-457-4	635	03	08	09	:10	L	
SEP 7	250:12:39	2B-457-5	635	03	08	09	:00.	3S	
SEP 7	250:12:39	2B-457-6	635	03	08	09	:01.	3S	
SEP 7	250:12:39	2B-457-7	635	03	08	09	:05	S	
SEP 7	250:12:39	2B-457-8	635	03	08	09	:20	S	
SEP 7	250:12:39	2B-458-1	635	03	08	09	:00.	3S	
SEP 7	250:12:39	2B-458-2	635	03	08	09	:01.	3S	
SEP 7	250:12:39	2B-458-3	635	03	08	09	:05	S	
SEP 7	250:12:39	2B-458-4	635	03	08	09	:20	S	
SEP 7	250:12:39	2B-458-5	635	03	08	09	:00.	2L	
SEP 7	250:12:39	2B-458-6	635	03	08	09	:00.	6L	
SEP 7	250:12:40	2A-439	635	03	08	09	:39	S	
SEP 7	250:12:40	2A-440	635	03	08	09	:19	S	
SEP 7	250:12:40	2B-458-7	635	03	08	09	:02.	5L	
SEP 7	250:12:40	2B-458-8	635	03	08	09	:10	L	
SEP 7	250:12:40	2B-459-1	635	03	08	09	:01.	3S	
SEP 7	250:12:40	2B-459-2	635	03	08	09	:05	S	
SEP 7	250:12:40	2B-459-3	635	03	08	09	:20	S	
SEP 7	250:12:40	2B-459-4	635	03	08	09	1:20	S	
SEP 7	250:12:42	2B-459-5	635	03	08	09	:00.	2L	
SEP 7	250:12:42	2B-459-6	635	03	08	09	:00.	6L	
SEP 7	250:12:42	2B-459-7	635	03	08	09	:02.	5L	
SEP 7	250:12:42	2B-459-8	635	03	08	09	:10	L	
SEP 7	250:12:44	2A-441	635	03	08	09	:19	S	
SEP 7	250:12:44	2B-460-1	635	03	08	09	:01.	3S	
SEP 7	250:12:44	2B-460-2	635	03	08	09	:05	S	
SEP 7	250:12:44	2B-460-3	635	03	08	09	:20	S	
SEP 7	250:12:44	2B-460-4	635	03	08	09	1:20	S	
SEP 7	250:12:46	2B-460-5	635	03	08	09	:00.	2L	
SEP 7	250:12:46	2B-460-6	635	03	08	09	:00.	6L	
SEP 7	250:12:46	2B-460-7	635	03	08	09	:02.	5L	
SEP 7	250:12:46	2B-460-8	635	03	08	09	:10	L	
SEP 7	250:12:48	2B-461-1	635	03	08	09	:01.	3S	
SEP 7	250:12:48	2B-461-2	635	03	08	09	:05	S	
SEP 7	250:12:48	2B-461-3	635	03	08	09	:20	S	
SEP 7	250:12:48	2B-461-4	635	03	08	09	1:20	S	
SEP 7	250:12:49	2A-442	635	03	08	09	:19	S	
SEP 7	250:12:50	2B-461-5	635	03	08	09	:00.	2L	
SEP 7	250:12:50	2B-461-6	635	03	08	09	:00.	6L	
SEP 7	250:12:50	2B-461-7	635	03	08	09	:02.	5L	
SEP 7	250:12:50	2B-461-8	635	03	08	09	:10	L	
SEP 7	250:12:54	2A-443	635	03	08	09	:19	S	
SEP 7	250:12:59	2A-444	635	03	08	09	:19	S	
SEP 7	250:12:59	2B-462-1	635	03	08	09	:10	S	
SEP 7	250:13:03	2A-445	635	03	08	09	:19	S	
SEP 7	250:13:03	2B-462-2	635	03	08	09	:10	S	
SEP 7	250:13:11	2A-446	635	03	08	09	:19	S	
SEP 7	250:13:59	2B-462-3	636	03	08	09	:10	S	
SEP 7	250:14:02	2A-447	636	03	08	09	:40	S	Post flare: Roll -1090; R/L +524; U/D -458
SEP 7	250:14:10	2B-462-4	636	03	08	09	:10	S	
SEP 7	250:14:21	2B-462-5	636	03	08	09	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
SEP 7	250:14:31	2B-462-6	636	03	08	09	:10	S	↑
SEP 7	250:18:48	2A-448	639	06 -2	02	SC	:40	S	
SEP 7	250:19:13	2B-462-7	639	02A-7	10	12	:40	S	
SEP 7	250:19:14	2B-462-8	639	02A-7	10	12	2:40	S	
SEP 8	251:00:46	2A-449	643	06 -1	01A	SC	:40	S	
SEP 8	251:00:47	2A-450	643	06 -1	01A	SC	:39	S	
SEP 8	251:00:52	2A-451	643	06 -1	01A	SC	:40	L	
SEP 8	251:02:31	2B-463-1	644	S16		13	:40	S	├ -4 sec — Begin Mini Limb Scan
SEP 8	251:02:33	2B-463-2	644	S16		13	:00.1	L	
SEP 8	251:02:37	2B-463-3	644	S16		13	:40	S	├ -1 sec — (Roll -1097; U/D +055; R/L increased from +973 to +996)
SEP 8	251:02:38	2B-463-4	644	S16		13	:00.5	L	
SEP 8	251:02:43	2B-463-5	644	S16		13	2:40	S	├ +3 sec
SEP 8	251:02:46	2B-463-6	644	S16		13	2:40	L	
SEP 8	251:02:49	2B-463-7	644	S16		13	2:40	S	├ +8 sec
SEP 8	251:02:52	2B-463-8	644	S16		13	2:40	L	
SEP 8	251:02:56	2B-464-1	644	S16		13	3:29	S	├ +11 sec
SEP 8	251:02:59	2B-464-2	644	S16		13	3:30	L	
SEP 8	251:03:03	2B-464-3	644	S16		13	5:00	S	├ +20 sec — End Mini Limb Scan
SEP 8	251:03:08	2B-464-4	644	S16		13	2:30	L	
SEP 8	251:13:14	2A-452	651	06 -1	01A	SC	2:39	L	
SEP 8	251:13:17	2A-453	651	06 -1	01A	SC	:09	S	
SEP 8	251:13:55	2B-464-5	651	02A-7	10	09	:10	S	
SEP 8	251:13:56	2B-464-6	651	02A-7	10	09	:40	S	— 2 limb coalignment (251:17:53)
SEP 8	251:18:27	2A-454	654	S03		P60	1:19	S	— Coronal transient at 18:18, 70 degrees northwest, associated with prominence P60 (west limb)
SEP 8	251:21:26	2B-464-7	656	02A-7	10	09	:40	S	
SEP 8	251:21:27	2B-464-8	656	02A-7	10	09	2:40	S	
SEP 8	251:21:32	2B-465-1	656	02A-7	10	19	:40	S	
SEP 8	251:21:33	2B-465-2	656	02A-7	10	19	2:40	S	
SEP 8	251:21:41	2B-465-3	656	12D-1	10	QR1	:10	S	├ Slew Calibration: Roll +0002; R/L +055; U/D +555
SEP 8	251:21:42	2B-465-4	656	12D-1	10	QR1	:40	S	
SEP 8	251:21:43	2B-465-5	656	12D-1	10	QR1	2:40	S	
SEP 8	251:22:46	2B-465-6	657	02A-7	10	09	:10	S	
SEP 8	251:22:47	2B-465-7	657	02A-7	10	09	:40	S	
SEP 8	251:22:53	2B-465-8	657	02A-7	10	12	:10	S	
SEP 8	251:22:54	2B-466-1	657	02A-7	10	12	:40	S	
SEP 9	252:00:14	2B-466-2	658	S16		18	:40	S	— Prominence P62 active on southeast limb
SEP 9	252:00:15	2B-466-3	658	S16		18	:00.5	L	├ -4 sec — Begin Mini Limb Scan
SEP 9	252:00:15	2B-466-4	658	S16		18	:	U	
SEP 9	252:00:16	2B-466-5	658	S16		18	:40	S	├ -1 sec — (Roll +973; U/D +055; R/L increased from +968 to +944)
SEP 9	252:00:17	2B-466-6	658	S16		18	:00.5	L	
SEP 9	252:00:20	2B-466-7	658	S16		18	2:40	L	├ +4 sec
SEP 9	252:00:23	2B-466-8	658	S16		18	2:40	S	
SEP 9	252:00:27	2B-467-1	658	S16		18	2:39	S	├ +8 sec
SEP 9	252:00:30	2B-467-2	658	S16		18	2:40	L	
SEP 9	252:00:35	2B-467-3	658	S16		18	5:00	L	├ +11 sec
SEP 9	252:00:40	2B-467-4	658	S16		18	5:00	S	
SEP 9	252:00:47	2B-467-5	658	S16		18	9:59	S	├ +21 sec — End Mini Limb Scan
SEP 9	252:01:40	2A-455	659	06 -1	01A	SC	:40	L	
SEP 9	252:01:41	2A-456	659	06 -1	01A	SC	:39	S	
SEP 9	252:11:11	2B-467-6	665	02D-6	10	09	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
SEP 9	252:11:13	2B-467-7	665	02D-6	10	09	:40	S	
SEP 9	252:11:16	2B-467-8	665	02D-6	10	09	:10	S	
SEP 9	252:11:18	2B-468-1	665	02D-6	10	09	:40	S	
SEP 9	252:11:26	2B-468-2	665	02A-7	10	19	:10	S	
SEP 9	252:11:26	2B-468-3	665	02A-7	10	19	:40	S	
SEP 9	252:11:37	2B-468-4	665	S		UNK	2:40	S	Limb Study - +10 sec
SEP 9	252:11:41	2B-468-5	665	S		UNK	2:40	S	- +20 sec (Roll +634; R/L +981; U/D +055)
SEP 9	252:11:44	2B-468-6	665	S		UNK	2:40	S	- +30 sec
SEP 9	252:12:34	2A-457	666	OBS		UNK	2:40	L	
SEP 9	252:12:36	2A-458	666	OBS		UNK	:09	S	
SEP 9	252:13:11	2B-468-7	666	02A-7	10	19	:10	S	
SEP 9	252:13:12	2B-468-8	666	02A-7	10	19	:40	S	
SEP 9	252:16:22	2B-469-1	668	S02		10	:49	S	
SEP 9	252:16:24	2B-469-2	668	S02		10	:40	L	
SEP 9	252:16:25	2B-469-3	668	S02		10	:40	S	
SEP 9	252:20:55	2B-469-4	671	S		24	:10	S	
SEP 9	252:20:55	2B-469-5	671	S		24	:40	S	
SEP 9	252:21:49	2B-469-6	672	S		24	:20	S	
SEP 9	252:21:51	2B-469-7	672	S		24	:10	S	
SEP 9	252:22:00	2B-469-8	672	S		24	:10	S	— 4 limb coalignment: bias correction; R/L +021 (was +026); U/D +058 (was +055)
SEP 10	253:00:56	2B-470-1	674	S		09	:20	S	
SEP 10	253:01:00	2B-470-2	674	S		09	:40	S	
SEP 10	253:01:03	2B-470-3	674	S		09	:20	S	Active prominence: Roll +1046; R/L +983; U/D -099
SEP 10	253:01:06	2B-470-4	674	S		09	:40	S	
SEP 10	253:01:07	2B-470-5	674	S		09	:20	S	
SEP 10	253:01:24	2B-470-6	674	S16		09	:40	S	+4 sec — Begin Mini Limb Scan (Active Prominence)
SEP 10	253:01:26	2B-470-7	674	S16		09	:40	L	
SEP 10	253:01:30	2B-470-8	674	S16		09	2:40	L	+8 sec — (Roll +1357; R/L +973; U/D +064)
SEP 10	253:01:33	2B-471-1	674	S16		09	2:40	S	
SEP 10	253:01:36	2B-471-2	674	S16		09	5:00	S	+20 sec
SEP 10	253:01:41	2B-471-3	674	S16		09	2:40	L	
SEP 10	253:01:44	2B-471-4	674	S16		09	:40	S	0 sec — End Mini Limb Scan
SEP 10	253:01:46	2B-471-5	674	S16		09	:00.5	L	
SEP 10	253:01:46	2B-471-6	675	OBS		UNK	:	L	
SEP 10	253:02:32	2A-459	666	06 -1	01A	SC	:40	L	
SEP 10	253:02:33	2A-460	666	06 -1	01A	SC	:40	S	
SEP 10	253:02:37	2B-471-7	675	OBS		24	:10	S	
SEP 10	253:02:43	2B-471-8	675	OBS		24	:10	S	
SEP 10	253:02:48	2B-472-1	675	OBS		24	:10	S	Sub Flare (253:02:25): Roll -0001; R/L +620; U/D -214
SEP 10	253:02:50	2B-472-2	675	OBS		24	:10	S	
SEP 10	253:02:59	2B-472-3	675	OBS		24	:10	S	
SEP 10	253:03:00	2B-472-4	675	OBS		24	:10	S	Sub Flare (253:02:45): Roll +3498; R/L +546; U/D +456
SEP 10	253:03:06	2B-472-5	675	OBS		24	:10	S	(X-ray class is probably M1)
SEP 10	253:03:14	2B-472-6	675	OBS		24	:10	S	
SEP 10	253:04:12	2A-461	675	06 -1	01A	SC	:39	S	
SEP 10	253:04:13	2A-462	675	06 -1	01A	SC	:39	L	
SEP 10	253:10:36	2B-472-7	680	02D-6	10	09	:10	S	
SEP 10	253:10:36	2B-472-8	680	02D-6	10	09	:40	S	
SEP 10	253:10:52	2B-473-1	680	02D-6	10	09	:10	S	
SEP 10	253:10:52	2B-473-2	680	02D-6	10	09	:40	S	
SEP 10	253:10:59	2B-473-3	680	02D-6	10	09	:09	S	
SEP 10	253:11:00	2B-473-4	680	02D-6	10	09	:39	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	OOP-ST	BB	TGT	EXP	WVL	
SEP 10	253:11:51	2A-463	681	06 -1	01A	SC	2:39	L	
SEP 10	253:11:56	2A-464	681	06 -1	01A	SC	:09	S	
SEP 10	253:14:08	2B-473-5	682	S		UNK	2:40	S	
SEP 10	253:15:05	2B-473-6	683	S19		09	:40	S	-4 sec
SEP 10	253:15:07	2B-473-7	683	S19		09	:00.5	L	
SEP 10	253:15:08	2B-473-8	683	S19		09	:40	S	0 sec — Mini Limb Scan
SEP 10	253:15:09	2B-474-1	683	S19		09	:00.5	L	
SEP 10	253:15:11	2B-474-2	683	S19		09	2:40	S	+4 sec — (Roll +910; R/L +966; U/D +100)
SEP 10	253:15:14	2B-474-3	683	S19		09	2:40	L	
SEP 10	253:15:20	2B-474-4	683	S19		09	5:00	S	+8 sec
SEP 10	253:15:25	2B-474-5	683	S19		09	2:40	L	
SEP 10	253:15:30	2B-474-6	683	S19		09	10:00	S	+20 sec
SEP 10	253:15:40	2B-474-7	683	S19		09	5:00	L	
SEP 10	253:16:33	2B-474-8	684	02C-6	14	09	:04	L	
SEP 10	253:16:33	2B-475-1	684	02C-6	14	09	:16	S	
SEP 10	253:16:33	2B-475-2	684	02C-6	14	09	:14	L	
SEP 10	253:16:35	2B-475-3	684	02C-6	14	09	:04	L	
SEP 10	253:16:35	2B-475-4	684	02C-6	14	09	:16	S	+26 sec Limb Study: Roll -158; R/L +999; U/D +098
SEP 10	253:16:35	2B-475-5	684	02C-6	14	09	:16	L	
SEP 10	253:16:35	2B-475-6	684	02C-6	14	09	1:04	S	
SEP 10	253:16:36	2B-475-7	684	02C-6	14	09	1:04	L	
SEP 10	253:16:37	2B-475-8	684	02C-6	14	09	4:16	S	
SEP 10	253:16:42	2B-476-1	684	02C-6	14	09	4:16	L	
SEP 10	253:16:46	2B-476-2	684	02C-6	14	09	17:04	S	
SEP 10	253:21:15	2B-476-3	687	S		UNK	:20	S	
SEP 11	254:01:49	2A-465	690	06 -1	01A	SC	:39	L	
SEP 11	254:01:50	2A-466	690	06 -1	01A	SC	:39	S	
SEP 11	254:01:56	2B-476-4	690	06 -1	01	SC	:10	S	
SEP 11	254:01:56	2B-476-5	690	06 -1	01	SC	:40	S	
SEP 11	254:02:19	2B-476-6	690	02D-6	10	19	:10	S	
SEP 11	254:02:19	2B-476-7	690	02D-6	10	19	:40	S	
SEP 11	254:02:28	2B-476-8	690	02D-6	10	24	:10	S	
SEP 11	254:02:28	2B-477-1	690	02D-6	10	24	:40	S	
SEP 11	254:11:16	2A-467	696	06 -1	01A	SC	2:39	L	
SEP 11	254:11:20	2A-468	696	06 -1	01A	SC	:10	S	
SEP 11	254:11:46	2B-477-2	696	S		19	2:40	S	
SEP 11	254:11:54	2B-477-3	696	S		BSP	2:40	S	— XUV Bright Spot in northeast quadrant
SEP 11	254:14:27	2B-477-4	698	12D		QR	:10	S	(Roll -967; R/L -611; U/D +395)
SEP 11	254:14:28	2B-477-5	698	12D		QR	:40	S	
SEP 11	254:14:29	2B-477-6	698	12D		QR	2:40	S	
SEP 11	254:14:41	2B-477-7	698	S		19	2:40	S	
SEP 11	254:22:15	2B-477-8	703	02D-6	10	24	:10	S	
SEP 11	254:22:15	2B-478-1	703	02D-6	10	24	:40	S	
SEP 11	254:22:21	2B-478-2	703	02D-6	10	24	:10	S	
SEP 11	254:22:21	2B-478-3	703	02D-6	10	24	:40	S	
SEP 11	254:22:30	2B-478-4	703	02D-6	10	09	:10	S	
SEP 11	254:22:31	2B-478-5	703	02D-6	10	09	:40	S	
SEP 11	254:22:37	2B-478-6	703	02D-6	10	19	:10	S	
SEP 11	254:22:37	2B-478-7	703	02D-6	10	19	:40	S	
SEP 11	254:23:45	2B-478-8	704	S19		09	:40	S	-4 sec
SEP 11	254:23:45	2B-479-1	704	S19		09	:00.2	L	
SEP 11	254:23:47	2B-479-2	704	S19		09	:40	S	0 sec

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
SEP 11	254:23:48	2B-479-3	704	S19		09	:00.1	L	
SEP 11	254:23:49	2B-479-4	704	S19		09	2:40	S	+4 sec
SEP 11	254:23:52	2B-479-5	704	S19		09	2:40	L	
SEP 11	254:23:55	2B-479-6	704	S19		09	2:40	S	
SEP 12	255:00:00	2B-479-7	704	S19		09	5:00	S	+8 sec
SEP 12	255:00:05	2B-479-8	704	S19		09	2:40	L	
SEP 12	255:00:08	2B-480-1	704	S19		09	10:00	S	+20 sec
SEP 12	255:00:19	2B-480-2	704	S19		09	5:00	L	
SEP 12	255:01:08	2A-469	705	06 -1	01A	SC	:40	L	
SEP 12	255:01:09	2A-470	705	06 -1	01A	SC	:39	S	
SEP 12	255:13:38	2A-471	713	06 -1	01A	SC	2:40	L	
SEP 12	255:13:41	2A-472	713	06 -1	01A	SC	:10	S	
SEP 12	255:15:11	2B-480-3	714	S		10	10:00	S	+18 sec Limb Study: Roll +680; R/L +989; U/D +064 (coronal cloud over AR10)
SEP 12	255:15:22	2B-480-4	714	S		10	5:00	L	
SEP 12	255:18:48	2B-480-5	716	S05		24	2:40	S	Stepped across AR24 to Limb
SEP 12	255:18:54	2B-480-6	716	S05		24	2:40	S	
SEP 12	255:18:59	2B-480-7	716	S05		24	2:40	S	4 limb coalignment invalid - bias left in
SEP 12	255:22:06	2B-480-8	718	12D		QR	:10	S	Exposures taken with bias out: Roll +008; R/L 000; U/D +498
SEP 12	255:22:06	2B-481-1	718	12D		QR	:40	S	
SEP 12	255:22:07	2B-481-2	718	12D		QR	2:40	S	
SEP 12	255:23:08	2B-481-3	719	02A-7	10	24	:10	S	
SEP 12	255:23:08	2B-481-4	719	02A-7	10	24	:40	S	
SEP 12	255:23:15	2B-481-5	719	02A-7	10	24	:10	S	
SEP 12	255:23:16	2B-481-6	719	02A-7	10	24	:40	S	
SEP 12	255:23:23	2B-481-7	719	02A-7	10	24	:10	S	
SEP 12	255:23:23	2B-481-8	719	02A-7	10	24	:40	S	
SEP 12	255:23:31	2B-482-1	719	02A-7	10	24	:10	S	
SEP 12	255:23:31	2B-482-2	719	02A-7	10	24	:40	S	
SEP 13	256:02:00	2A-473	721	06 -1	01A	SC	:40	L	
SEP 13	256:02:01	2A-474	721	06 -1	01A	SC	:39	S	
SEP 13	256:11:33	2A-475	727	06 -1	01A	SC	2:39	L	
SEP 13	256:11:36	2A-476	727	06 -1	01A	SC	:09	S	
SEP 13	256:21:23	2B-482-3	733	S		26	2:40	S	
SEP 14	257:00:06	2B-482-4	735	S19		24	:40	S	-4 sec
SEP 14	257:00:07	2B-482-5	735	S19		24	:05	L	
SEP 14	257:00:10	2B-482-6	735	S19		24	:05	L	0 sec
SEP 14	257:00:11	2B-482-7	735	S19		24	:39	S	
SEP 14	257:00:13	2B-482-8	735	S19		24	2:39	S	+4 sec
SEP 14	257:00:17	2B-483-1	735	S19		24	2:40	L	
SEP 14	257:00:21	2B-483-2	735	S19		24	2:40	L	+8 sec
SEP 14	257:00:24	2B-483-3	735	S19		24	5:00	S	
SEP 14	257:00:29	2B-483-4	735	S19		24	5:00	S	+20 sec
SEP 14	257:01:16	2A-477	736	06 -1	01A	SC	:40	L	
SEP 14	257:01:17	2A-478	736	06 -1	01A	SC	:40	S	
SEP 14	257:01:46	2B-483-5	736	12D		QR	:09	S	
SEP 14	257:01:47	2B-483-6	736	12D		QR	:39	S	
SEP 14	257:01:47	2B-483-7	736	12D		QR	2:39	S	
SEP 14	257:12:18	2A-479	743	06 -1	01A	SC	2:39	L	

Mini Limb Scan

(Roll +1030; U/D +056; R/L increased from +966 to +971)

Mini Limb Scan

(Roll +930; R/L +966; U/D +039)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
SEP 14	257:12:25	2A-480	743	06 -1	01A	SC	:09	S	
SEP 14	257:12:54	2B-483-8	743	02D-6	10	19	:40	S	
SEP 14	257:12:54	2B-484-1	743	02D-6	10	19	2:40	S	
SEP 14	257:12:59	2B-484-2	743	02D-6	10	19	:42.8	S	
SEP 14	257:13:55	2B-484-3	744	S19		19	:00.5	L	-4 sec
SEP 14	257:13:55	2B-484-4	744	S19		19	:40	S	
SEP 14	257:13:57	2B-484-5	744	S19		19	:00.5	L	0 sec
SEP 14	257:13:58	2B-484-6	744	S19		19	:40	S	
SEP 14	257:13:58	2B-484-7	744	S19		19	2:40	S	+4 sec — Mini Limb Scan
SEP 14	257:14:02	2B-484-8	744	S19		19	2:40	L	
SEP 14	257:14:07	2B-485-1	744	S19		19	2:40	L	+8 sec — (Roll +660; R/L +966; U/D +058)
SEP 14	257:14:10	2B-485-2	744	S19		19	5:00	S	
SEP 14	257:14:18	2B-465-3	744	S19		19	10:00	S	+20 sec
SEP 14	257:14:29	2B-485-4	744	S19		19	2:30	L	
SEP 14	257:15:32	2B-485-5	745	02C-6	14	19	:04	L	
SEP 14	257:15:33	2B-485-6	745	02C-6	14	19	:16	S	
SEP 14	257:15:33	2B-485-7	745	02C-6	14	19	:16	L	
SEP 14	257:15:33	2B-485-8	745	02C-6	14	19	1:04	S	+32 sec Limb Study
SEP 14	257:15:34	2B-486-1	745	02C-6	14	19	1:04	L	
SEP 14	257:15:35	2B-486-2	745	02C-6	14	19	4:16	S	
SEP 14	257:15:40	2B-486-3	745	02C-6	14	19	4:16	L	
SEP 14	257:15:44	2B-486-4	745	02C-6	14	19	17:04	S	
SEP 14	257:18:35	2B-486-5	747	S19		19	:40	S	-4 sec
SEP 14	257:18:36	2B-486-6	747	S19		19	:00.5	L	
SEP 14	257:18:37	2B-486-7	747	S19		19	:	L	0 sec
SEP 14	257:18:37	2B-486-8	747	S19		19	:40	S	Mini Limb Scan
SEP 14	257:18:39	2B-487-1	747	S19		19	:	L	+4 sec
SEP 14	257:18:39	2B-487-2	747	S19		19	2:40	S	(Roll +804; R/L +972; U/D +058)
SEP 14	257:18:42	2B-487-3	747	S19		19	2:40	L	+8 sec
SEP 14	257:18:45	2B-487-4	747	S19		19	5:00	S	
SEP 14	257:18:51	2B-487-5	747	S19		19	2:40	L	
SEP 14	257:18:54	2B-487-6	747	S19		19	10:00	S	+20 sec
SEP 14	257:19:04	2B-487-7	747	S19		19	5:00	L	
SEP 14	257:23:17	2B-487-8	750	02F-1	10	LB2	:40	S	
SEP 14	257:23:18	2B-488-1	750	02F-1	10	LB2	2:40	S	
SEP 15	258:00:32	2A-481	743	02D-6	10	19	:39	L	
SEP 15	258:00:33	2A-482	751	06 -1	01A	SC	:39	S	
SEP 15	258:00:38	2A-483	751	06 -1	01A	SC	:39	L	
SEP 15	258:13:08	2A-484	759	06 -1	01A	SC	2:39	L	
SEP 15	258:13:11	2A-485	759	06 -1	01A	SC	:09	S	
SEP 15	258:19:39	2B-488-2	763	12D		QR	2:40	S	Slew Calibration: Roll +006; U/D +560; R/L increased from +024 to +052
SEP 15	258:19:46	2B-488-3	763	12D		QR	:40	S	
SEP 15	258:19:47	2B-488-4	763	12D		QR	:10	S	
SEP 16	259:00:07	2B-488-5	766	S19		19	:43	S	
SEP 16	259:00:08	2B-488-6	766	S19		19	:01	L	-4 sec
SEP 16	259:00:08	2B-488-7	766	S19		19	:	L	
SEP 16	259:00:09	2B-488-8	766	S19		19	:40	S	0 sec
SEP 16	259:00:10	2B-489-1	766	S19		19	:01	L	
SEP 16	259:00:11	2B-489-2	766	S19		19	2:40	S	+4 sec — Mini Limb Scan
SEP 16	259:00:13	2B-489-3	766	S19		19	2:40	L	(Roll +478; R/L +969; U/D +058)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	OOP-ST	BB	TGT	EXP	WVL	
SEP 16	259:00:17	2B-489-4	766	S19		19	5:00	S	+8 sec
SEP 16	259:00:22	2B-489-5	766	S19		19	2:40	L	
SEP 16	259:00:26	2B-489-6	766	S19		19	10:00	S	+20 sec
SEP 16	259:00:36	2B-489-7	766	S19		19	5:00	L	
SEP 16	259:01:29	2A-486	767	06 -1	01A	SC	:39	L	
SEP 16	259:01:30	2A-487	767	06 -1	01A	SC	:39	S	
SEP 16	259:11:24	2B-489-8	773	S15		SP	5:20	S	
SEP 16	259:11:33	2B-490-1	773	S15		SP	5:20	S	
SEP 16	259:12:23	2A-488	774	06 -1	01A	SC	2:39	L	
SEP 16	259:12:27	2A-489	774	06 -1	01A	SC	:09	S	
SEP 16	259:14:22	2B-490-2	775	OBS		UNK	2:40	S	
SEP 16	259:14:37	2B-490-3	775	OBS		UNK	2:40	S	Start
SEP 16	259:21:45	2B-490-4	780	S19		SP	:40	S	-4 sec
SEP 16	259:21:46	2B-490-5	780	S19		SP	:00.3	L	
SEP 16	259:21:48	2B-490-6	780	S19		SP	:40	S	0 sec
SEP 16	259:21:49	2B-490-7	780	S19		SP	:	L	
SEP 16	259:21:50	2B-490-8	780	S19		SP	2:40	S	+4 sec
SEP 16	259:21:52	2B-491-1	780	S19		SP	2:40	L	
SEP 16	259:21:56	2B-491-2	780	S19		SP	5:00	S	+8 sec
SEP 16	259:22:01	2B-491-3	780	S19		SP	2:40	L	
SEP 16	259:22:05	2B-491-4	780	S19		SP	10:00	S	+20 sec
SEP 16	259:22:17	2B-491-5	780	S19		SP	5:00	L	
SEP 16	259:23:17	2A-490	781	06 -1	01A	SC	:39	L	End
SEP 16	259:23:19	2A-491	781	06 -1	01A	SC	:39	S	
SEP 17	260:10:12	2A-492	788	06 -1	01A	SC	2:39	L	
SEP 17	260:10:16	2A-493	788	06 -1	01A	SC	:09	S	
SEP 17	260:10:43	2B-491-6	788	OBS		27	2:40	S	
SEP 17	260:13:35	2B-491-7	790	01E-1	27	QR1	5:20	S	
SEP 17	260:13:43	2B-491-8	790	01E-4	27	QR1	5:20	S	
SEP 17	260:13:49	2B-492-1	790	01E-4	27	QR1	5:20	S	
SEP 17	260:13:56	2B-492-2	790	01E-5	27	QR1	5:20	S	
SEP 17	260:19:42	2B-492-3	794	S16		28	3:00	S	— +4 sec Limb Study: Roll -1728; R/L -939; U/D +029
SEP 17	260:20:59	2B-492-4	795	12D		QR	:10	S	— Slew Calibration: Roll 000; R/L +020; U/D +558
SEP 17	260:21:06	2A-494	795	06 -1	01A	SC	:40	L	
SEP 17	260:21:10	2A-495	795	06 -1	01A	SC	:39	S	
SEP 17	260:21:59	2B-492-5	795	12D		QR	:40	S	— (Same as Previous S082B Exposure)
SEP 18	261:09:34	2A-496	803	06 -1	01A	SC	2:39	L	
SEP 18	261:09:37	2A-497	803	06 -1	01A	SC	:10	S	
SEP 18	261:11:16	2B-492-6	804	01D-1	11	NC1	:40	S	
SEP 18	261:11:17	2B-492-7	804	01D-2		NC1	2:40	S	
SEP 18	261:11:22	2B-492-8	804	01D-2		NC1	:40	S	
SEP 18	261:11:22	2B-493-1	804	01D-2	11	NC1	2:40	S	
SEP 18	261:11:36	2B-493-2	804	01D-2	11	NC1	:40	S	
SEP 18	261:11:37	2B-493-3	804	01D-2	11	NC1	2:40	S	
SEP 18	261:14:27	2B-493-4	806	01E-1	11	LB1	2:40	S	
SEP 18	261:14:30	2B-493-5	806	01E-1	11	LB1	:40	S	
SEP 18	261:14:37	2B-493-6	806	01E-3	10	LB1	2:40	S	
SEP 18	261:14:40	2B-493-7	806	01E-3	10	LB1	:40	S	
SEP 18	261:14:44	2B-493-8	806	OBS		27	2:40	S	
SEP 18	261:14:50	2B-494-1	806	OBS		27	2:40	S	

Mini Limb Scan
(Roll -7440; R/L -933; U/D +058)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOB-ST	BB	TGT	EXP	WVL	
SEP 18	261:22:06	2A-498	811	06 -1	01A	SC	:40	S	
SEP 18	261:22:07	2A-499	811	06 -1	01A	SC	:39	S	
SEP 18	261:22:35	2B-494-2	811	OBS		32	2:40	S	— New Active Region; small in north; heavy line (Roll -5402; R/L +254; U/D -159)
SEP 19	262:07:42	2B-494-3	817	S		UNK	2:40	S	
SEP 19	262:07:51	2B-494-4	817	S		UNK	2:40	S	
SEP 19	262:09:22	2B-494-5	818	17A-1	11	BS1	2:40	S	
SEP 19	262:09:25	2B-494-6	818	17A-1	11	BS1	:40	S	
SEP 19	262:09:30	2B-494-7	818	17A-5	10	BS1	2:40	S	
SEP 19	262:09:32	2B-494-8	818	17A-5	10	BS1	:40	S	
SEP 19	262:10:19	2B-495-1	819	17A-1	11	BS1	2:40	S	
SEP 19	262:10:22	2B-495-2	819	17A-1	11	BS1	:40	S	
SEP 19	262:10:27	2B-495-3	819	17A-3	11	BS1	:40	S	
SEP 19	262:10:28	2B-495-4	819	17A-3	11	BS1	2:40	S	
SEP 19	262:10:38	2B-495-5	819	17A-4	11	BS1	:40	S	
SEP 19	262:10:39	2B-495-6	819	17A-4	11	BS1	2:40	S	
SEP 19	262:10:47	2B-495-7	819	17A-5	10	BS1	:40	S	
SEP 19	262:10:47	2B-495-8	819	17A-5	10	BS1	2:40	S	
SEP 19	262:11:05	2B-496-1	819	S		UNK	:40	S	
SEP 19	262:15:21	2A-500	822	06 -2	02	SC	:39	S	
SEP 19	262:16:47	2B-496-2	823	15A-3	36	CH1	:02.5	S	
SEP 19	262:16:47	2B-496-3	823	15A-3	36	CH1	:00.3	L	
SEP 19	262:16:47	2B-496-4	823	15A-3	36	CH1	:10	S	
SEP 19	262:16:47	2B-496-5	823	15A-3	36	CH1	:01.3	L	
SEP 19	262:16:47	2B-496-6	823	15A-3	36	CH1	:40	S	
SEP 19	262:16:48	2B-496-7	823	15A-3	36	CH1	:05	L	
SEP 19	262:16:48	2B-496-8	823	15A-3	36	CH1	2:40	S	
SEP 19	262:16:50	2B-497-1	823	15A-3	36	CH1	:20	L	
SEP 19	262:16:52	2B-497-2	823	15A-3	36	CH1	5:20	S	
SEP 19	262:17:04	2B-497-3	823	15A-4	11	CH2	2:40	S	
SEP 19	262:17:07	2B-497-4	823	15A-4	11	CH2	:40	S	
SEP 19	262:17:11	2B-497-5	823	15A-4	11	CH3	2:40	S	
SEP 19	262:17:14	2B-497-6	823	15A-4	11	CH3	:40	S	
SEP 19	262:17:16	2B-497-7	823	15A-6	11	CH4	2:40	S	
SEP 19	262:17:19	2B-497-8	823	15A-6	11	CH4	:40	S	
SEP 19	262:18:14	2B-498-1	824	12D		QR1	2:40	S	├ Slew Calibration: Roll -004; R/L +019; U/D +561
SEP 19	262:18:17	2B-498-2	824	12D		QR1	:40	S	
SEP 19	262:18:17	2B-498-3	824	12D		QR1	:10	S	
SEP 19	262:18:23	2B-498-4	824	S		UNK	2:40	S	
SEP 19	262:18:34	2B-498-5	824	S		UNK	:40	S	
SEP 19	262:18:46	2B-498-6	824	S		UNK	5:00	S	
SEP 19	262:21:44	2B-498-7	825	S16		UNK	15:00	S	
SEP 20	263:09:53	2B-498-8	834	06 -1	01A	SC	2:40	S	
SEP 20	263:13:06	2B-499-1	836	01E-1	10	NLB	5:00	S	
SEP 20	263:13:12	2B-499-2	836	01E-1	10	NLB	:20	S	
SEP 20	263:13:13	2B-499-3	836	01E-1	18	NLB	20:00	S	Start
SEP 20	263:14:26	2B-499-4	837	S19		ELB	:40	S	├ -4 sec
SEP 20	263:14:27	2B-499-5	837	S19		ELB	:01	L	
SEP 20	263:14:28	2B-499-6	837	S19		ELB	:40	S	├ 0 sec
SEP 20	263:14:30	2B-499-7	837	S19		ELB	:01	L	
SEP 20	263:14:37	2B-499-8	837	S19		ELB	2:40	S	↓ +4 sec

Mini Limb Scan

Roll +661; R/L -931; U/D +041

NOTE: Limb Scan over very active east limb.

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
SEP 20	263:14:40	2B-500-1	837	S19		ELB	2:40	L	End
SEP 21	264:18:19	2A-501	855	06 -1	01A	SC	:39	S	
NOV 22	326:19:10	3A-001	97	EVA		UNK	:01	S	Camera Checkout Exposures
NOV 22	326:19:12	3B-001-1	97	EVA		UNK	:01	S	
NOV 27	331:01:27	3A-002	163	06 -1	01A	SC	:59	L	Synoptic
NOV 27	331:01:29	3A-003	163	06 -1	01A	SC	:19	S	
NOV 27	331:13:58	3A-004	171	06 -1	01A	SC	1:20	L	Synoptic
NOV 27	331:14:01	3A-005	171	06 -1	01A	SC	:20	S	
NOV 27	331:23:23	3B-001-2	177	02A-1	04B	87	: 0.8	S	
NOV 27	331:23:23	3B-001-3	177	02A-1	04B	87	:10	S	
NOV 27	331:23:24	3B-001-4	177	02A-1	04B	87	:41	S	
NOV 27	331:23:24	3B-001-5	177	02A-1	04B	87	2:42	S	
NOV 27	331:23:30	3B-001-6	177	02A-1	04C	87	: 2.6	S	
NOV 27	331:23:30	3B-001-7	177	02A-1	04C	87	:10	S	
NOV 27	331:23:31	3B-001-8	177	02A-1	04C	87	:41	S	
NOV 27	331:23:31	3B-002-1	177	02A-1	04C	87	2:42	S	
NOV 27	331:23:38	3B-002-2	177	S		UNK	: 2.3	S	
NOV 27	331:23:38	3B-002-3	177	S		UNK	:10	S	
NOV 27	331:23:36	3B-002-4	177	S		UNK	:41	S	
NOV 27	331:23:39	3B-002-5	177	S		UNK	2:42	S	
NOV 28	332:14:44	3A-006	187	06 -1	01A	SC	:59	L	Synoptic: Roll +10800
NOV 28	332:14:51	3A-007	187	06 -1	01A	SC	:19	S	
NOV 28	332:17:51	3A-008	189	11 -2	10	87	1:00	L	20 Exposures in sequence; one exposure taken every 90 seconds; Roll -10799; R/L -295; U/D +304
NOV 28	332:17:58	3A-009	189	11 -2	18	87	1:00	L	
NOV 28	332:18:00	3A-010	189	11 -2	18	87	:59	L	
NOV 28	332:18:01	3A-011	189	11 -2	18	87	:59	L	
NOV 28	332:18:03	3A-012	189	11 -2	18	87	:59	L	
NOV 28	332:18:04	3A-013	189	11 -2	18	87	1:00	L	
NOV 28	332:18:06	3A-014	189	11 -2	18	87	:59	L	
NOV 28	332:18:07	3A-015	189	11 -2	18	87	1:00	L	
NOV 28	332:18:09	3A-016	189	11 -2	18	87	1:00	L	
NOV 28	332:18:11	3A-017	189	11 -2	18	87	:59	L	
NOV 28	332:18:12	3A-018	189	11 -2	18	87	1:00	L	
NOV 28	332:18:13	3A-019	189	11 -2	18	87	:59	L	
NOV 28	332:18:15	3A-020	189	11 -2	18	87	1:00	L	
NOV 28	332:18:16	3A-021	189	11 -2	18	87	:59	L	
NOV 28	332:18:18	3A-022	189	11 -2	18	87	:59	L	
NOV 28	332:18:19	3A-023	189	11 -2	18	87	:59	L	
NOV 28	332:18:21	3A-024	189	11 -2	18	87	:59	L	
NOV 28	332:18:22	3A-025	189	11 -2	18	87	:59	L	
NOV 28	332:18:24	3A-026	189	11 -2	18	87	:59	L	
NOV 28	332:18:27	3A-027	189	11 -2	18	87	:59	L	
NOV 28	332:21:37	3B-002-6	191	02B-3	36	87	: 2.6	S	
NOV 28	332:21:37	3B-002-7	191	02B-3	36	87	0:10	S	
NOV 28	332:21:37	3B-002-8	191	02B-3	36	87	:41	S	Start
NOV 28	332:22:31	3B-003-1	192	05 -4	39	90	0:10	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	RP	TGT	EXP	WVL	
NOV 28	332:22:31	3B-003-2	192	05 -4	39	90	:41	L	+2 sec
NOV 28	332:22:32	3B-003-3	192	05 -4	39	90	2:42	L	
NOV 28	332:22:37	3B-003-4	192	05 -4	39	90	0:10	L	+4 sec
NOV 28	332:22:37	3B-003-5	192	05 -4	39	90	:41	L	
NOV 28	332:22:38	3B-003-6	192	05 -4	39	90	2:42	L	
NOV 28	332:22:41	3B-003-7	192	05 -4	39	90	:41	L	
NOV 28	332:22:42	3B-003-8	192	05 -4	39	90	2:42	L	+6 sec
NOV 28	332:22:45	3B-004-1	192	05 -4	39	90	10:50	L	
NOV 28	332:22:56	3B-004-2	192	05 -4	39	90	:41	L	
NOV 28	332:22:57	3B-004-3	192	05 -4	39	90	2:42	L	+12 sec
NOV 28	332:23:00	3B-004-4	192	05 -4	39	90	10:50	L	End
NOV 29	333:02:06	3B-004-5	194	12C	26	QR1	0:11	S	Calibration
NOV 29	333:02:06	3B-004-6	194	12C	26	QR1	0:41	S	
NOV 29	333:02:07	3B-004-7	194	12C	26	QR1	2:43	S	
NOV 29	333:02:20	3B-004-8	194	02B-5	10	87	0:10	S	
NOV 29	333:02:21	3B-005-1	194	02B-5	10	87	0:41	S	
NOV 29	333:14:14	3A-028	202	06 -1	01A	SC	1:00	L	Synoptic: Roll +10800; R/L -016; U/D +20
NOV 29	333:14:16	3A-029	202	06 -1	01A	SC	:19	S	
NOV 29	333:17:10	3A-030	204	06 -2	02	SC	:09	S	Synoptic: Roll -5400
NOV 29	333:17:30	3B-005-2	204	02A-1	04B	87	: 2.7	S	
NOV 29	333:17:30	3B-005-3	204	02A-1	04B	87	:10	S	
NOV 29	333:17:30	3B-005-4	204	02A-1	04B	87	:41	S	
NOV 29	333:17:31	3B-005-5	204	02A-1	04B	87	2:42	S	
NOV 29	333:17:39	3B-005-6	204	02A-1	04C	87	: 2.7	S	
NOV 29	333:17:39	3B-005-7	204	02A-1	04C	87	:10	S	
NOV 29	333:17:39	3B-005-8	204	02A-1	04C	87	:41	S	
NOV 29	333:17:40	3B-006-1	204	02A-1	04C	87	2:42	S	
NOV 30	334:00:01	3B-006-2	208	02A-3	36B	87	:09	S	
NOV 30	334:03:08	3B-006-3	210	02A-6	10	87	:09	S	
NOV 30	334:03:09	3B-006-4	210	02A-6	10	87	0:39	S	
NOV 30	334:14:54	3A-031	218	06 -1	01A	SC	:59	L	
NOV 30	334:14:57	3A-032	218	06 -1	01A	SC	:19	S	
DEC 1	335:01:46	3A-033	225	06 -1	01A	SC	:59	L	
DEC 1	335:01:48	3A-034	225	06 -1	01A	SC	:20	S	
DEC 1	335:02:22	3B-006-5	225	04A-4	28	P35	12:49	S	
DEC 1	335:15:50	3A-035	234	06 -1	01A	SC	1:00	L	Synoptic: Roll +10800; R/L -019; U/D +021
DEC 1	335:15:53	3A-036	234	06 -1	01A	SC	:19	S	
DEC 1	335:16:26	3B-006-6	234	02A-6	10	87	0:41	S	
DEC 1	335:16:27	3B-006-7	234	02A-6	10	87	2:43	S	
DEC 1	335:22:08	3B-006-8	238	04A-4	28	P37	16:00	S	+38 sec Limb Study: Roll -2503; R/L +994; U/D +060
DEC 1	335:22:32	3B-007-1	238	04A-4	37	P37	5:39	L	
DEC 1	335:22:40	3B-007-2	238	04A-4	37	P37	6:06	S	
DEC 2	336:00:03	3B-007-3	239	S04		87	0:41	S	
DEC 2	336:00:04	3B-007-4	239	S04		87	2:36	S	
DEC 2	336:00:07	3B-007-5	239	S10		87	: 2.5	S	
DEC 2	336:00:07	3B-007-6	239	S10		87	0:10	S	

Mini Limb Scan

Roll -10101; R/L -991; U/D +055

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 2	336:00:07	3B-007-7	239	S10		87	:41	S	
DEC 2	336:00:14	3B-007-8	239	S10		87	: 2.7	S	
DEC 2	336:00:14	3B-008-1	239	S10		87	0:10	S	
DEC 2	336:00:14	3B-008-2	239	S10		87	:41	S	
DEC 2	336:00:17	3B-008-3	239	S10		87	: 2.6	S	
DEC 2	336:00:17	3B-008-4	239	S10		87	:10	S	
DEC 2	336:00:18	3B-008-5	239	S10		87	:41	S	
DEC 2	336:03:14	3B-008-6	241	02A-6	10	87	:10	S	
DEC 2	336:03:15	3B-008-7	241	02A-6	10	87	0:40	S	
DEC 2	336:15:04	3A-037	249	06 -1	01A	SC	:59	L	May have seen precursor motion prior to M1 X-ray flare in AR92 at 15:17: Roll +10800; R/L -019; U/D +021
DEC 2	336:15:06	3A-038	249	06 -1	01A	SC	:19	S	
DEC 2	336:15:15	3A-039	249	03A	09	92	:44	S	Start
DEC 2	336:15:16	3A-040	249	03A	09	92	:00.7	S	
DEC 2	336:15:16	3A-041	249	03A	09	92	:02.5	S	
DEC 2	336:15:16	3A-042	249	03A	09	92	:10	S	
DEC 2	336:15:16	3B-009-8	249	03A	09	92	: 0.3	S	
DEC 2	336:15:16	3B-009-1	249	03A	09	92	: 1.2	S	
DEC 2	336:15:16	3B-009-2	249	03A	09	92	: 5.1	S	
DEC 2	336:15:17	3A-043	249	03A	09	92	:40	S	
DEC 2	336:15:17	3A-044	249	03A	09	92	:05	L	
DEC 2	336:15:17	3A-045	249	03A	09	92	:09	L	
DEC 2	336:15:17	3B-009-3	249	03A	09	92	:20	S	
DEC 2	336:15:17	3B-009-4	249	03A	09	92	: 0.3	S	
DEC 2	336:15:17	3B-009-5	249	03A	09	92	: 1.4	S	
DEC 2	336:15:17	3B-009-6	249	03A	09	92	: 5.1	S	
DEC 2	336:15:17	3B-009-7	249	03A	09	92	:20.1	S	
DEC 2	336:15:17	3B-009-8	249	03A	09	92	: 0.2	L	
DEC 2	336:15:17	3B-010-1	249	03A	09	92	: 0.6	L	
DEC 2	336:15:17	3B-010-2	249	03A	09	92	: 2.6	L	
DEC 2	336:15:17	3B-010-3	249	03A	09	92	:10.2	L	
DEC 2	336:15:18	3B-010-4	249	03A	09	92	: 0.3	S	
DEC 2	336:15:18	3B-010-5	249	03A	09	92	: 1.1	S	End
DEC 2	336:19:52	3B-010-6	252	02A-6	10	87	0:06	S	
DEC 2	336:19:52	3B-010-7	252	02A-6	10	87	0:10	S	Exposures from AR87 to AR92: Roll -8622; R/L -860; U/D -288
DEC 2	336:20:02	3B-010-8	252	02A-6	10	87	:41	S	
DEC 2	336:20:03	3B-011-1	252	02A-6	10	87	2:43	S	
DEC 2	336:20:21	3B-011-2	252	OBS	09	87	2:41	S	NOAA reported SN flare, M1 X-ray, at 20:10. AR92 bright surge to limb.
DEC 2	336:20:24	3B-011-3	252	03A	09	87	: 0.3	S	Start
DEC 2	336:20:24	3B-011-4	252	03A	09	87	: 1.3	S	
DEC 2	336:20:24	3B-011-5	252	03A	09	87	: 5	S	
DEC 2	336:20:24	3B-011-6	252	03A	09	87	:20	S	
DEC 2	336:20:24	3B-011-7	252	03A	09	87	: 0.3	S	
DEC 2	336:20:24	3B-011-8	252	03A	09	87	: 1.3	S	
DEC 2	336:20:24	3B-012-1	252	03A	09	87	: 5	S	
DEC 2	336:20:24	3B-012-2	252	03A	09	87	:20	S	
DEC 2	336:20:25	3B-012-3	252	03A	09	87	: 0.2	L	
DEC 2	336:20:25	3B-012-4	252	03A	09	87	: 0.6	L	
DEC 2	336:20:25	3B-012-5	252	03A	09	87	: 2.5	L	
DEC 2	336:20:25	3B-012-6	252	03A	09	87	:10	L	
DEC 2	336:20:25	3B-012-7	252	03A	09	87	: 0.3	S	
DEC 2	336:20:25	3B-012-8	252	03A	09	87	: 1.3	S	
DEC 2	336:20:25	3B-013-1	252	03A	09	87	: 5	S	
DEC 2	336:20:25	3B-013-2	252	03A	09	87	:20	S	
DEC 2	336:20:25	3B-013-3	252	03A	09	87	: 0.4	S	

Limb Flare Study

X-ray M1
Begin 15:14; Max 15:16 to 15:17; End 15:34
Roll -5399; R/L -220; U/D -818

Flare Study AR87/92

X-ray M1; Optical SN

NOTE: Flare operation terminated at sunset (real time VAN)

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP WVL
DEC 2	336:20:25	3B-013-4	252	03A	09	87	: 1.3S
DEC 2	336:20:25	3B-013-5	252	03A	09	87	: 5 S
DEC 2	336:20:26	3B-013-6	252	03A	09	87	:20 S
DEC 2	336:20:26	3B-013-7	252	03A	09	87	: 0.2L
DEC 2	336:20:26	3B-013-8	252	03A	09	87	: 0.6L
DEC 2	336:20:26	3B-014-1	252	03A	09	87	: 2.6L
DEC 2	336:20:26	3B-014-2	252	03A	09	87	:10 L
DEC 2	336:20:26	3B-014-3	252	03A	09	87	: 1.3S
DEC 2	336:20:26	3B-014-4	252	03A	09	87	: 5 S
DEC 2	336:20:26	3B-014-5	252	03A	09	87	:20 S
DEC 2	336:20:27	3B-014-6	252	03A	09	87	1:20 S
DEC 2	336:20:28	3B-014-7	252	03A	09	87	: 0.2L
DEC 2	336:20:28	3B-014-8	252	03A	09	87	: 0.8L
DEC 2	336:20:28	3B-015-1	252	03A	09	87	: 2.7L
DEC 2	336:20:28	3B-015-2	252	03A	09	87	:10 L
DEC 2	336:20:30	3B-015-3	252	03A	09	87	: 1.3S
DEC 2	336:20:30	3B-015-4	252	03A	09	87	: 5 S
DEC 2	336:20:30	3B-015-5	252	03A	09	87	:20 S
DEC 2	336:20:31	3B-015-6	252	03A	09	87	1:20 S
DEC 2	336:20:32	3B-015-7	252	03A	09	87	: 0.2L
DEC 2	336:20:32	3B-015-8	252	03A	09	87	: 0.6L
DEC 2	336:20:32	3B-016-1	252	03A	09	87	: 2.5L
DEC 2	336:20:32	3B-016-2	252	03A	09	87	:10 L
DEC 2	336:21:36	3B-016-3	253	S10		87	: 2.7S
DEC 2	336:21:36	3B-016-4	253	S10		87	:10 S
DEC 2	336:21:36	3B-016-5	253	S10		87	:41 S
DEC 2	336:21:40	3B-016-6	253	S10		87	: 2.7S
DEC 2	336:21:40	3B-016-7	253	S10		87	:10 S
DEC 2	336:21:40	3B-016-8	253	S10		87	:41 S
DEC 2	336:21:43	3B-017-1	253	S10		87	: 2.7S
DEC 2	336:21:43	3B-017-2	253	S10		87	:10 S
DEC 2	336:21:43	3B-017-3	253	S10		87	:41 S
DEC 2	336:21:48	3B-017-4	253	S10		87	: 2.5S
DEC 2	336:21:48	3B-017-5	253	S10		87	:10 S
DEC 2	336:21:48	3B-017-6	253	S10		87	:41 S
DEC 2	336:21:52	3B-017-7	253	S10		87	: 2.5S
DEC 2	336:21:52	3B-017-8	253	S10		87	:10 S
DEC 2	336:21:52	3B-018-1	253	S10		87	:41 S
DEC 2	336:21:55	3B-018-2	253	S10		87	: 2.7S
DEC 2	336:21:55	3B-018-3	253	S10		87	:10 S
DEC 2	336:21:55	3B-018-4	253	S10		87	:41 S
DEC 2	336:21:59	3B-018-5	253	S10		87	: 2.6S
DEC 2	336:21:59	3B-018-6	253	S10		87	:10 S
DEC 2	336:21:59	3B-018-7	253	S10		87	:41 S
DEC 2	336:22:04	3B-018-8	253	S10		87	: 2.7S
DEC 2	336:22:04	3B-019-1	253	S10		87	:10 S
DEC 2	336:22:04	3B-019-2	253	S10		87	:41 S
DEC 3	337:02:32	3B-019-3	256	02D	10	87	0:10 S
DEC 3	337:02:32	3B-019-4	256	02D	10	87	:41 S
DEC 3	337:12:53	3A-046	263	06 -1	01A	SC	1:00 L
DEC 3	337:12:55	3A-047	263	06 -1	01A	SC	:19 S
DEC 3	337:13:33	3B-019-5	263	OBS		UNK	3:06 S

End

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	PB	TGT	EXP	WVL	
DEC 3	337:13:37	3B-019-6	263	OBS		UNK	: 2.7	S	
DEC 3	337:13:37	3B-019-7	263	OBS		UNK	:10	S	
DEC 3	337:13:37	3B-019-8	263	OBS		UNK	0:21	S	
DEC 3	337:16:39	3B-020-1	265	OBS		UNK	5:22	S	
DEC 3	337:18:04	3B-020-2	266	OBS		UNK	6:00	S	White Light display On: Roll -2137; R/L +996; U/D +089
DEC 3	337:18:11	3B-020-3	266	OBS		UNK	5:59	L	Start
DEC 3	337:22:28	3B-020-4	269	05 -4	39	87	0:10	S	
DEC 3	337:22:29	3B-020-5	269	05 -4	39	87	:41	S	-2 sec
DEC 3	337:22:29	3B-020-6	269	05 -4	39	87	2:43	S	
DEC 3	337:22:33	3B-020-7	269	05 -4	39	87	0:10	S	
DEC 3	337:22:33	3B-020-8	269	05 -4	39	87	:41	S	0 sec
DEC 3	337:22:34	3B-021-1	269	05 -4	39	87	2:43	S	Mini Limb Scan
DEC 3	337:22:37	3B-021-2	269	05 -4	39	87	:41	S	
DEC 3	337:22:38	3B-021-3	269	05 -4	39	87	2:43	S	+2 sec Roll -10200; R/L -1005; U/D +055
DEC 3	337:22:41	3B-021-4	269	05 -4	39	87	10:50	S	
DEC 3	337:22:56	3B-021-5	269	05 -4	39	87	:41	S	
DEC 3	337:22:56	3B-021-6	269	05 -4	39	87	2:43	S	+4 sec
DEC 3	337:22:59	3B-021-7	269	05 -4	39	87	1:05	S	
DEC 3	337:23:42	3B-021-8	270	02C-6	28	87	16:00	S	End
DEC 4	338:00:01	3B-022-1	270	02C-4	37	87	4:00	L	
DEC 4	338:00:06	3B-022-2	270	02C-4	37	87	12:00	S	
DEC 4	338:01:57	3B-022-3	271	OBS		87	0:14	S	
DEC 4	338:01:58	3B-022-4	271	OBS		87	:41	S	+11 sec Limb Study: Roll -10507; U/L -1016; U/D +028
DEC 4	338:01:58	3B-022-5	271	OBS		87	2:43	S	
DEC 4	338:02:01	3B-022-6	271	OBS		87	2:34	S	
DEC 4	338:02:48	3A-048	272	08B	17	SC	:19	S	
DEC 4	338:13:47	3A-049	279	06 -1	01A	SC	:59	L	
DEC 4	338:13:49	3A-050	279	06 -1	01A	SC	:19	S	
DEC 4	338:14:23	3A-051	279	06 -1	01A	SC	:59	L	
DEC 4	338:14:26	3A-052	279	06 -1	01A	SC	:19	S	
DEC 4	338:17:28	3B-022-7	281	S03		87	:41	S	
DEC 4	338:17:29	3B-022-8	281	S03		87	2:43	S	AR87 Surge: Roll -9793; R/L -1029; U/D 000
DEC 4	338:17:31	3B-023-1	281	S03		87	3:49	S	
DEC 4	338:18:28	3B-023-2	282	05 -4	39	87	:41	S	Start
DEC 4	338:18:29	3B-023-3	282	05 -4	39	87	2:43	S	+2 sec
DEC 4	338:18:31	3B-023-4	282	05 -4	39	87	10:50	S	
DEC 4	338:18:44	3B-023-5	282	05 -4	39	87	:41	S	Mini Limb Scan
DEC 4	338:18:44	3B-023-6	282	05 -4	39	87	2:43	S	+6 sec Roll -10197; R/L -1008; U/D +055
DEC 4	338:18:47	3B-023-7	282	05 -4	39	87	10:50	S	
DEC 4	338:18:59	3B-023-8	282	05 -4	39	87	:41	S	
DEC 4	338:19:00	3B-024-1	282	05 -4	39	87	2:43	S	+12 sec
DEC 4	338:19:02	3B-024-2	282	05 -4	39	87	6:11	S	End
DEC 4	338:23:13	3B-024-3	285	02C	37	87	2:50	L	
DEC 4	338:23:16	3B-024-4	285	02C	37	87	3:00	L	
DEC 4	338:23:22	3B-024-5	285	02C	37	87	12:00	S	
DEC 5	339:02:54	3B-024-6	287	02D-1	10	87	:40	S	
DEC 5	339:13:00	3A-053	294	06 -1	01A	SC	:59	L	
DEC 5	339:13:03	3A-054	294	06 -1	01A	SC	:19	S	
DEC 5	339:14:38	3B-024-7	295	OBS		P39	7:08	S	
DEC 5	339:16:49	3B-024-8	296	OBS		P39	4:30	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 5	339:17:48	3B-025-1	297	04A-4	28	P39	10:00	S	Prominence P39 over west limb: Roll changed from +10017 to +9819; R/L -1033; U/D changed from +039 to +041
DEC 5	339:18:06	3B-025-2	297	04A-4	28	P39	10:00	S	
DEC 5	339:18:18	3B-025-3	297	04A-4	28	P39	9:11	S	
DEC 5	339:20:47	3B-025-4	299	04A-4	37	P39	6:00	S	
DEC 5	339:20:53	3B-025-5	299	04A-4	37	P39	11:59	S	
DEC 5	339:21:09	3B-025-6	299	04A-2	33B	P39	0:10	S	
DEC 5	339:21:10	3B-025-7	299	04A-2	33B	P39	:41	S	
DEC 5	339:21:10	3B-025-8	299	04A-2	33B	P39	2:43	S	
DEC 6	340:00:02	3B-026-1	301	04A-4	37	P39	6:00	L	
DEC 6	340:00:08	3B-026-2	301	04A-4	37	P39	12:00	L	
DEC 6	340:00:21	3B-026-3	301	04A-2	33B	P39	0:10	L	
DEC 6	340:00:21	3B-026-4	301	04A-2	33B	P39	0:41	L	
DEC 6	340:00:22	3B-026-5	301	04A-2	33B	P39	2:43	L	
DEC 6	340:00:30	3B-026-6	301	04A-2	33B	P39	6:00	L	
DEC 6	340:01:39	3B-026-7	302	06 -1	01B	UNK	: 3.5	L	
DEC 6	340:14:02	3A-055	310	06 -1	01A	SC	:59	L	
DEC 6	340:14:05	3A-056	310	06 -1	01A	SC	:19	S	
DEC 6	340:14:36	3B-026-8	310	12C-1		QR1	0:10	S	
DEC 6	340:14:37	3B-027-1	310	12C-1		QR1	:41	S	
DEC 6	340:14:37	3B-027-2	310	12C-1		QR1	2:43	S	Start
DEC 6	340:15:30	3B-027-3	311	05C-3	13	LB1	: 2.7	S	
DEC 6	340:15:30	3B-027-4	311	05C-3	13	LB1	: 0.3	L	
DEC 6	340:15:30	3B-027-5	311	05C-3	13	LB1	0:10	S	
DEC 6	340:15:31	3B-027-6	311	05C-3	13	LB1	: 1.3	L	-12 sec
DEC 6	340:15:31	3B-027-7	311	05C-3	13	LB1	0:40	S	
DEC 6	340:15:31	3B-027-8	311	05C-3	13	LB1	0:05	L	
DEC 6	340:15:31	3B-028-1	311	05C-3	13	LB1	2:40	S	
DEC 6	340:15:34	3B-028-2	311	05C-3	13	LB1	0:20	L	
DEC 6	340:15:35	3B-028-3	311	05C-3	13	LB1	0:02.5	S	
DEC 6	340:15:35	3B-028-4	311	05C-3	13	LB1	: 0.3	L	
DEC 6	340:15:35	3B-028-5	311	05C-3	13	LB1	0:10	S	
DEC 6	340:15:35	3B-028-6	311	05C-3	13	LB1	: 1.3	L	
DEC 6	340:15:35	3B-028-7	311	05C-3	13	LB1	0:40	S	-4 sec
DEC 6	340:15:36	3B-028-8	311	05C-3	13	LB1	0:05	L	
DEC 6	340:15:36	3B-029-1	311	05C-3	13	LB1	2:40	S	
DEC 6	340:15:38	3B-029-2	311	05C-3	13	LB1	0:20	L	
DEC 6	340:15:39	3B-029-3	311	05C-3	13	LB1	0:02.5	S	
DEC 6	340:15:39	3B-029-4	311	05C-3	13	LB1	: 0.3	L	
DEC 6	340:15:39	3B-029-5	311	05C-3	13	LB1	0:10	S	
DEC 6	340:15:39	3B-029-6	311	05C-3	13	LB1	: 1.3	L	-2 sec
DEC 6	340:15:39	3B-029-7	311	05C-3	13	LB1	0:40	S	
DEC 6	340:15:40	3B-029-8	311	05C-3	13	LB1	0:05	L	
DEC 6	340:15:40	3B-030-1	311	05C-3	13	LB1	2:40	S	
DEC 6	340:15:43	3B-030-2	311	05C-3	13	LB1	0:20	L	
DEC 6	340:15:43	3B-030-3	311	05C-3	13	LB1	0:02.5	S	0 sec
DEC 6	340:15:43	3B-030-4	311	05C-3	13	LB1	: 0.3	L	
DEC 6	340:15:43	3B-030-5	311	05C-3	13	LB1	0:10	S	
DEC 6	340:15:43	3B-030-6	311	05C-3	13	LB1	: 1.3	L	
DEC 6	340:15:43	3B-030-7	311	05C-3	13	LB1	0:40	S	
DEC 6	340:15:44	3B-030-8	311	05C-3	13	LB1	0:05	L	
DEC 6	340:15:44	3B-031-1	311	05C-3	13	LB1	2:40	S	
DEC 6	340:15:47	3B-031-2	311	05C-3	13	LB1	0:20	L	

Limb Scan

Roll -1337; R/L -1009; U/D +056

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	PR	TGT	EXP	WVL	
DEC 6	340:15:47	3B-031-3	311	05C-3	13	LB1	0:10	S	
DEC 6	340:15:48	3B-031-4	311	05C-3	13	LP1	: 2.7	L	
DEC 6	340:15:48	3B-031-5	311	05C-3	13	LB1	0:40	S	
DEC 6	340:15:48	3B-031-6	311	05C-3	13	LB1	0:10	L	+2 sec
DEC 6	340:15:48	3B-031-7	311	05C-3	13	LB1	2:40	S	
DEC 6	340:15:51	3B-031-8	311	05C-3	13	LB1	0:40	L	
DEC 6	340:15:52	3B-032-1	311	05C-3	13	LB1	10:40	S	
DEC 6	340:16:03	3B-032-2	311	05C-3	13	LB1	2:40	L	
DEC 6	340:16:05	3B-032-3	311	05C-3	13	LB1	0:10	S	
DEC 6	340:16:05	3B-032-4	311	05C-3	13	LB1	: 2.5	L	
DEC 6	340:16:06	3B-032-5	311	05C-3	13	LB1	0:40	S	
DEC 6	340:16:06	3B-032-6	311	05C-3	13	LB1	0:10	L	+4 sec
DEC 6	340:16:06	3B-032-7	311	05C-3	13	LB1	2:40	S	
DEC 6	340:16:09	3B-032-8	311	05C-3	13	LB1	0:40	L	
DEC 6	340:16:10	3B-033-1	311	05C-3	13	LB1	2:05	S	
DEC 6	340:16:55	3B-033-2	312	05C-3	13	LB1	2:40	L	
DEC 6	340:16:58	3B-033-3	312	05C-3	13	LB1	0:10	S	
DEC 6	340:16:58	3B-033-4	312	05C-3	13	LB1	: 2.7	L	
DEC 6	340:16:58	3B-033-5	312	05C-3	13	LB1	0:40	S	
DEC 6	340:16:59	3B-033-6	312	05C-3	13	LB1	0:10	L	+6 sec
DEC 6	340:16:59	3B-033-7	312	05C-3	13	LB1	2:40	S	
DEC 6	340:17:02	3B-033-8	312	05C-3	13	LB1	0:40	L	
DEC 6	340:17:02	3B-034-1	312	05C-3	13	LB1	10:40	S	
DEC 6	340:17:13	3B-034-2	312	05C-3	13	LB1	2:40	L	
DEC 6	340:17:16	3B-034-3	312	05C-3	13	LB1	0:10	S	
DEC 6	340:17:16	3B-034-4	312	05C-3	13	LB1	: 2.7	L	
DEC 6	340:17:16	3B-034-5	312	05C-3	13	LB1	0:40	S	
DEC 6	340:17:17	3B-034-6	312	05C-3	13	LB1	0:10	L	+8 sec
DEC 6	340:17:17	3B-034-7	312	05C-3	13	LB1	2:40	S	
DEC 6	340:17:20	3B-034-8	312	05C-3	13	LB1	0:40	L	
DEC 6	340:17:20	3B-035-1	312	05C-3	13	LB1	10:40	S	
DEC 6	340:17:31	3B-035-2	312	05C-3	13	LB1	2:40	L	
DEC 6	340:17:34	3B-035-3	312	05C-3	13	LB1	:16	S	
DEC 6	340:17:34	3B-035-4	312	05C-3	13	LP1	0:04	L	
DEC 6	340:17:34	3B-035-5	312	05C-3	13	LB1	1:04	S	
DEC 6	340:17:35	3B-035-6	312	05C-3	13	LB1	0:16	L	+12 sec
DEC 6	340:17:35	3B-035-7	312	05C-3	13	LB1	4:16	S	
DEC 6	340:17:40	3B-035-8	312	05C-3	13	LB1	1:04	L	
DEC 6	340:17:41	3B-036-1	312	05C-3	13	LB1	3:52	S	End
DEC 6	340:20:25	3B-036-2	314	01D-2	28	LP2	9:04	S	(NOTE: Exposure 3B-036-3: Spicule; Pointed too high above limb)
DEC 6	340:20:37	3B-036-3	314	01D-2	28	LB2	8:59	S	S082B along spicule (south pole): Roll changed from -10136 to
DEC 6	340:20:49	3B-036-4	314	01D-2	28	LB2	2:15	S	-10089; R/L -025; U/D +1059
DEC 6	340:21:52	3B-036-5	315	01D-2	28	LB3	9:00	S	
DEC 6	340:22:05	3B-036-6	315	01D-2	28	LB3	9:00	S	
DEC 6	340:22:17	3B-036-7	315	01D-2	28	LP3	8:08	S	S082B along spicule (south pole): Roll changed from +10107 to
DEC 6	340:23:23	3B-036-8	316	01D-1	27	LB4	5:59	S	+10136; R/L +106; U/D +1053
DEC 7	341:01:25	3B-037-1	317	S		SP	5:53	S	— Near south pole; no identifiable object
DEC 7	341:12:11	3A-057	324	06 -1	01A	SC	:59	L	
DEC 7	341:15:21	3B-037-2	326	S		96	0:41	S	
DEC 7	341:15:22	3B-037-3	326	S		96	: 2.7	S	East Limb Study: Roll -10515; R/L +965; U/D +055
DEC 7	341:15:23	3B-037-4	326	S		96	0:10	S	
DEC 7	341:15:23	3B-037-5	326	S		96	: 2.7	L	

Limb Scan (Continued)

Roll -1337; R/L -1009; U/D +056

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 7	341:15:23	3B-037-6	326	S		96	:10	L	
DEC 7	341:15:24	3B-037-7	326	S		96	:41	L	
DEC 7	341:15:26	3B-037-8	326	S		96	4:12	S	
DEC 7	341:16:23	3B-038-1	327	24 -1	28	LB2	5:00	S	+5 to +6 $\overset{\frown}{\text{sec}}$ Limb Study: (Pointing varied for each exposure)
DEC 7	341:16:35	3B-038-2	327	24 -1	28	LB3	5:00	S	
DEC 7	341:16:47	3B-038-3	327	24 -1	28	LB4	5:00	S	
DEC 7	341:16:54	3B-038-4	327	S		96	5:07	S	East Limb: Roll -5401; R/L +960; U/D +076
DEC 7	341:18:10	3B-038-5	328	S		BSP	: 2.5	S	
DEC 7	341:18:10	3B-038-6	328	S		BSP	:10	S	Bright Spot (southeast): Roll -5398; R/L -471; U/D +450
DEC 7	341:18:10	3B-038-7	328	S		BSP	:41	S	
DEC 7	341:18:11	3B-038-8	328	S		BSP	2:42	S	
DEC 7	341:18:14	3B-039-1	328	S		BSP	10:49	S	
DEC 7	341:20:06	3B-039-2	329	S		BSP	: 2.5	S	
DEC 7	341:20:06	3B-039-3	329	S		BSP	:10	S	Bright Spot (Southeast): Roll -5402; R/L -460; U/D +440
DEC 7	341:20:06	3B-039-4	329	S		BSP	:41	S	
DEC 7	341:20:07	3B-039-5	329	S		BSP	2:42	S	
DEC 7	341:20:09	3B-039-6	329	S		BSP	:37	S	
DEC 7	341:20:55	3A-058	330	06 -2	02A	SC	:19	S	
DEC 7	341:21:14	3B-039-7	330	24 -1	28	LB5	5:00	S	
DEC 7	341:21:27	3B-039-8	330	24 -1	28	LB6	5:00	S	
DEC 7	341:22:34	3B-040-1	331	01B-2	11	NC1	:20	S	
DEC 7	341:22:35	3B-040-2	331	01B-2	11	NC1	1:20	S	
DEC 7	341:22:43	3B-040-3	331	01B-2	11	NC1	0:20	S	
DEC 7	341:22:44	3B-040-4	331	01B-2	11	NC1	1:20	S	
DEC 7	341:22:51	3B-040-5	331	01B-3	11	NC1	0:20	S	
DEC 7	341:22:52	3B-040-6	331	01B-3	11	NC1	1:20	S	
DEC 8	342:12:45	3A-059	340	06 -1	01A	SC	:59	L	
DEC 8	342:12:48	3A-060	340	06 -1	01A	SC	:19	S	
DEC 8	342:12:48	3B-040-7	340	06 -1	01	SC	: 7.2	S	
DEC 8	342:15:51	3A-061	342	11 -3	18	QR1	37:59	S	
DEC 8	342:17:13	3B-040-8	343	24 -1	27	UNK	5:00	S	
DEC 8	342:17:21	3B-041-1	343	24 -1	27	UNK	4:59	S	+6 $\overset{\frown}{\text{sec}}$ Limb Study: Roll -10801; R/L +959; U/D +071
DEC 8	342:17:29	3B-041-2	343	24 -1	27	UNK	5:00	S	
DEC 8	342:17:37	3B-041-3	343	24 -1	27	UNK	5:00	S	
DEC 8	342:17:52	3B-041-4	343	S		SP	:10	S	
DEC 8	342:17:53	3B-041-5	343	S		SP	:41	S	+6 $\overset{\frown}{\text{sec}}$ Limb Study: Roll -5400; R/L -1021; U/D +021
DEC 8	342:17:53	3B-041-6	343	S		SP	2:05	S	
DEC 8	342:20:12	3B-041-7	345	05 -3	13	LB5	: 2.6	S	
DEC 8	342:20:12	3B-041-8	345	05 -3	13	LB5	: 0.5	L	
DEC 8	342:20:12	3B-042-1	345	05 -3	13	LB5	:10	S	
DEC 8	342:20:12	3B-042-2	345	05 -3	13	LB5	: 1.3	L	-12 $\overset{\frown}{\text{sec}}$ Limb Study: Roll -5309; R/L -1015; U/D +033
DEC 8	342:20:12	3B-042-3	345	05 -3	13	LB5	:40	S	
DEC 8	342:20:13	3B-042-4	345	05 -3	13	LB5	: 5.3	L	
DEC 8	342:20:13	3B-042-5	345	05 -3	13	LB5	2:40	S	
DEC 8	342:20:16	3B-042-6	345	05 -3	13	LB5	:20	L	Start
DEC 8	342:20:19	3B-042-7	345	05 -3	13	LB5	: 0.5	L	
DEC 8	342:20:19	3B-042-8	345	05 -3	13	LB5	: 2.6	S	
DEC 8	342:20:19	3B-043-1	345	05 -3	13	LB5	: 1.4	L	
DEC 8	342:20:19	3B-043-2	345	05 -3	13	LB5	:10	S	-12 $\overset{\frown}{\text{sec}}$
DEC 8	342:20:19	3B-043-3	345	05 -3	13	LB5	: 5.2	L	
DEC 8	342:20:19	3B-043-4	345	05 -3	13	LB5	:40	S	
DEC 8	342:20:20	3B-043-5	345	05 -3	13	LB5	:20	L	

Limb Scan
Roll -5309; R/L -1015; U/D +033

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 8	342:20:20	3B-043-6	345	05 -3	13	LB5	2:40	S	
DEC 8	342:20:23	3B-043-7	345	05 -3	13	LB5	: 0.4	L	-4 sec
DEC 8	342:20:23	3B-043-8	345	05 -3	13	LB5	: 2.6	S	
DEC 8	342:20:23	3B-044-1	345	05 -3	13	LB5	: 1.4	L	
DEC 8	342:20:23	3B-044-2	345	05 -3	13	LB5	:10	S	
DEC 8	342:20:24	3B-044-3	345	05 -3	13	LB5	: 5	L	
DEC 8	342:20:24	3B-044-4	345	05 -3	13	LB5	:40	S	
DEC 8	342:20:24	3B-044-5	345	05 -3	13	LB5	:20	L	
DEC 8	342:20:25	3B-044-6	345	05 -3	13	LB5	2:40	S	
DEC 8	342:20:27	3B-044-7	345	05 -3	13	LB5	: 0.4	L	-2 sec
DEC 8	342:20:27	3B-044-8	345	05 -3	13	LB5	: 2.6	S	
DEC 8	342:20:28	3B-045-1	345	05 -3	13	LB5	: 1.4	L	
DEC 8	342:20:28	3B-045-2	345	05 -3	13	LB5	:10	S	
DEC 8	342:20:28	3B-045-3	345	05 -3	13	LB5	: 5	L	
DEC 8	342:20:28	3B-045-4	345	05 -3	13	LB5	:40	S	
DEC 8	342:20:29	3B-045-5	345	05 -3	13	LB5	:20	L	
DEC 8	342:20:29	3B-045-6	345	05 -3	13	LB5	2:40	S	
DEC 8	342:20:32	3B-045-7	345	05 -3	13	LB5	: 0.5	L	0 sec
DEC 8	342:20:32	3B-045-8	345	05 -3	13	LB5	: 2.5	S	
DEC 8	342:20:32	3B-046-1	345	05 -3	13	LB5	: 1.5	L	
DEC 8	342:20:32	3B-046-2	345	05 -3	13	LB5	:10	S	
DEC 8	342:20:32	3B-046-3	345	05 -3	13	LB5	: 5	L	
DEC 8	342:20:32	3B-046-4	345	05 -3	13	LB5	:40	S	
DEC 8	342:20:33	3B-046-5	345	05 -3	13	LB5	:20	L	
DEC 8	342:20:33	3B-046-6	345	05 -3	13	LB5	2:40	S	
DEC 8	342:20:36	3B-046-7	345	05 -3	13	LB5	: 2.7	L	+2 sec
DEC 8	342:20:36	3B-046-8	345	05 -3	13	LB5	:10	S	
DEC 8	342:20:36	3B-047-1	345	05 -3	13	LB5	:10	L	
DEC 8	342:20:36	3B-047-2	345	05 -3	13	LB5	:40	S	
DEC 8	342:20:37	3B-047-3	345	05 -3	13	LB5	: 5.2	L	
DEC 8	342:20:37	3B-047-4	345	05 -3	13	LB5	2:40	S	
DEC 8	342:20:40	3B-047-5	345	05 -3	13	LB5	2:40	L	
DEC 8	342:20:43	3B-047-6	345	05 -3	13	LB5	10:40	S	
DEC 8	342:20:53	3B-047-7	345	05 -3	13	LB5	: 2.6	L	+4 sec
DEC 8	342:20:53	3B-047-8	345	05 -3	13	LB5	:10	S	
DEC 8	342:20:54	3B-048-1	345	05 -3	13	LB5	:10	L	
DEC 8	342:20:54	3B-048-2	345	05 -3	13	LB5	:40	S	
DEC 8	342:20:54	3B-048-3	345	05 -3	13	LB5	:40	L	
DEC 8	342:20:55	3B-048-4	345	05 -3	13	LB5	2:40	S	
DEC 8	342:20:58	3B-048-5	345	05 -3	13	LB5	2:40	L	
DEC 8	342:21:01	3B-048-6	345	05 -3	13	LB5	3:35	S	End

Limb Scan (Continued)

Roll -5309; R/L -1015; U/D +033

DEC 9	343:13:24	3A-062	356	06 -1	01A	SC	1:00	L	ATM sun shield door may not be fully open
DEC 9	343:13:27	3A-063	356	06 -1	01A	SC	:19	S	
DEC 9	343:16:41	3B-048-7	358	01D-1	27	LB1	6:00	S	visit of limb B, done stepped profiles!
DEC 9	343:16:47	3B-048-8	358	01D-1	28	LB1	5:59	S	
DEC 9	343:16:55	3B-049-1	358	01D-1	28	LB1	6:00	S	
DEC 9	343:17:06	3B-049-2	358	01D-1	28	LB1	6:00	S	
DEC 9	343:18:02	3B-049-3	359	01D-1	27	LB1	6:00	S	
DEC 9	343:18:09	3B-049-4	359	01D-1	28	LB1	6:00	S	
DEC 9	343:18:15	3B-049-5	359	01D-1	28	LB1	6:00	S	
DEC 9	343:18:21	3B-049-6	359	01D-1	28	LB1	6:00	S	
DEC 9	343:18:27	3B-049-7	359	01D-1	28	LB1	6:00	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL
DEC 9	343:18:35	3B-049-8	359	01D-1	28	LB1	6:00	S
DEC 9	343:18:41	3B-050-1	359	01D-1	28	LP1	6:00	S
DEC 9	343:19:50	3B-050-2	360	24 -1	28	LB2	5:00	S
DEC 9	343:20:09	3B-050-3	360	24 -1	28	LP3	5:00	S
DEC 9	343:21:47	3B-050-4	361	OBS		96	0:10	S
DEC 9	343:21:48	3B-050-5	361	OBS		96	:41	S
DEC 9	343:21:48	3B-050-6	361	OBS		96	2:42	S
DEC 10	344:02:24	3B-050-7	364	12C-1		QR1	4:47	S
DEC 10	344:15:47	3A-064	373	06 -1	01A	SC	1:02	L
DEC 10	344:15:48	3A-065	373	06 -1	01A	SC	:19	S
DEC 10	344:19:20	3B-050-8	375	S		P53	9:56	S
DEC 10	344:19:34	3B-051-1	375	S		P53	5:25	S
DEC 10	344:20:25	3B-051-2	376	12A-1	22	QR1	0:02.5	S
DEC 10	344:20:25	3B-051-3	376	12A-1	22	QR1	:10	S
DEC 10	344:20:25	3B-051-4	376	12A-1	22	QR1	0:41	S
DEC 10	344:20:28	3B-051-5	376	12A-1	22	QR1	0:41	S
DEC 10	344:20:29	3B-051-6	376	12A-1	22	QR1	2:43	S
DEC 10	344:20:32	3B-051-7	376	12A-1	22	QR1	10:49	S
DEC 10	344:22:04	3B-051-8	377	12A-3	26	QR1	0:10	S
DEC 10	344:22:04	3B-052-1	377	12A-3	26	QR1	0:41	S
DEC 10	344:22:05	3B-052-2	377	12A-3	26	QR1	2:43	S
DEC 10	344:23:46	3A-066	378	12A-1	22	QR1	4:59	L
DEC 11	345:00:09	3A-067	378	12A-1	22	QR1	:29	L
DEC 11	345:00:10	3A-068	378	12A-1	22	QR1	:09	S
DEC 11	345:15:05	3A-069	388	06 -1	01A	SC	:59	L
DEC 11	345:15:06	3A-070	388	06 -1	01A	SC	:20	S
DEC 11	345:15:40	3B-052-3	388	S19		NP	:10	S
DEC 11	345:15:40	3B-052-4	388	S19		NP	:41	S
DEC 11	345:15:41	3B-052-5	388	S19		NP	2:43	S
DEC 11	345:15:47	3B-052-6	388	S19		NP	:10	S
DEC 11	345:15:47	3B-052-7	388	S19		NP	:41	S
DEC 11	345:15:48	3B-052-8	388	S19		NP	2:56	S
DEC 11	345:16:38	3B-053-1	389	15B-1	13	CH1	: 2.6	S
DEC 11	345:16:38	3B-053-2	389	15B-1	13	CH1	: 0.5	L
DEC 11	345:16:38	3B-053-3	389	15B-1	13	CH1	:10	S
DEC 11	345:16:38	3B-053-4	389	15B-1	13	CH1	: 1.3	L
DEC 11	345:16:38	3B-053-5	389	15B-1	13	CH1	:40	S
DEC 11	345:16:39	3B-053-6	389	15B-1	13	CH1	: 4.7	L
DEC 11	345:16:39	3B-053-7	389	15B-1	13	CH1	2:40	S
DEC 11	345:16:40	3A-071	389	15B-1	13	CH1	1:20	L
DEC 11	345:16:42	3B-053-8	389	15B-1	13	CH1	:20	L
DEC 11	345:16:42	3B-054-1	389	15B-1	13	CH1	: 2.7	S
DEC 11	345:16:42	3B-054-2	389	15B-1	13	CH1	: 0.5	L
DEC 11	345:16:42	3B-054-3	389	15B-1	13	CH1	:10	S
DEC 11	345:16:42	3B-054-4	389	15B-1	13	CH1	: 1.5	L
DEC 11	345:16:42	3B-054-5	389	15B-1	13	CH1	:40	S
DEC 11	345:16:43	3B-054-6	389	15B-1	13	CH1	: 5	L
DEC 11	345:16:43	3B-054-7	389	15B-1	13	CH1	2:40	S
DEC 11	345:16:46	3B-054-8	389	15B-1	13	CH1	:20	L
DEC 11	345:16:46	3B-055-1	389	15B-1	13	CH1	: 2.7	S

Coronal Hole: Roll -5400; R/L changing from +873 to +889; U/D changing from -005 to +135

Start

-12 sec

-4 sec

Limb Scan, Coronal Hole

Roll -5400; R/L +954; U/D +051

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 11	345:16:46	3B-055-2	389	15B-1	13	CH1	: 0.5	L	
DEC 11	345:16:46	3B-055-3	389	15B-1	13	CH1	:10	S	
DEC 11	345:16:46	3B-055-4	389	15B-1	13	CH1	: 1.3	L	-2 sec
DEC 11	345:16:47	3B-055-5	389	15B-1	13	CH1	:40	S	
DEC 11	345:16:47	3B-055-6	389	15B-1	13	CH1	: 5	L	
DEC 11	345:16:47	3B-055-7	389	15B-1	13	CH1	2:40	S	
DEC 11	345:16:50	3B-055-8	389	15B-1	13	CH1	:20	L	
DEC 11	345:16:50	3B-056-1	389	15B-1	13	CH1	: 2.7	S	
DEC 11	345:16:51	3B-056-2	389	15B-1	13	CH1	: 0.5	L	
DEC 11	345:16:51	3B-056-3	389	15B-1	13	CH1	:10	S	
DEC 11	345:16:51	3B-056-4	389	15B-1	13	CH1	: 1.5	L	
DEC 11	345:16:51	3B-056-5	389	15B-1	13	CH1	:40	S	0 sec
DEC 11	345:16:51	3B-056-6	389	15B-1	13	CH1	: 5	L	
DEC 11	345:16:52	3A-072	389	15B-1	13	CH1	:39	S	
DEC 11	345:16:52	3B-056-7	389	15B-1	13	CH1	2:40	S	
DEC 11	345:16:54	3B-056-8	389	15B-1	13	CH1	:20	L	
DEC 11	345:16:55	3B-057-1	389	15B-1	13	CH1	:10	S	
DEC 11	345:16:55	3B-057-2	389	15B-1	13	CH1	: 2.5	L	
DEC 11	345:16:55	3B-057-3	389	15B-1	13	CH1	:40	S	
DEC 11	345:16:56	3B-057-4	389	15B-1	13	CH1	:10	L	+2 sec
DEC 11	345:16:56	3B-057-5	389	15B-1	13	CH1	2:40	S	
DEC 11	345:16:59	3B-057-6	389	15B-1	13	CH1	:40	L	
DEC 11	345:16:59	3B-057-7	389	15B-1	13	CH1	10:40	S	
DEC 11	345:17:10	3B-057-8	389	15B-1	13	CH1	2:40	L	
DEC 11	345:17:13	3B-058-1	389	15B-1	13	CH1	:10	S	
DEC 11	345:17:13	3B-058-2	389	15B-1	13	CH1	: 2.7	L	
DEC 11	345:17:13	3B-058-3	389	15B-1	13	CH1	:40	S	
DEC 11	345:17:14	3B-058-4	389	15B-1	13	CH1	:10	L	+4 sec
DEC 11	345:17:14	3B-058-5	389	15B-1	13	CH1	2:40	S	
DEC 11	345:17:17	3B-058-6	389	15B-1	13	CH1	:40	L	
DEC 11	345:17:17	3B-058-7	389	15B-1	13	CH1	6:38	S	
DEC 11	345:18:09	3B-058-8	390	15B-1	13	CH1	2:40	L	
DEC 11	345:18:11	3B-059-1	390	15B-1	13	CH1	:10	S	
DEC 11	345:18:12	3A-073	390	15B-1	13	CH1	5:20	L	
DEC 11	345:18:12	3B-059-2	390	15B-1	13	CH1	: 2.6	L	
DEC 11	345:18:12	3B-059-3	390	15B-1	13	CH1	:40	S	
DEC 11	345:18:12	3B-059-4	390	15B-1	13	CH1	:10	L	
DEC 11	345:18:13	3B-059-5	390	15B-1	13	CH1	2:40	S	+6 sec
DEC 11	345:18:15	3B-059-6	390	15B-1	13	CH1	:40	L	
DEC 11	345:18:16	3B-059-7	390	15B-1	13	CH1	10:40	S	1240 m.v.
DEC 11	345:18:19	3A-074	390	15B-1	13	CH1	2:39	S	
DEC 11	345:18:27	3B-059-8	390	15B-1	13	CH1	2:40	L	
DEC 11	345:18:29	3B-060-1	390	15B-1	13	CH1	:10	S	
DEC 11	345:18:30	3B-060-2	390	15B-1	13	CH1	: 2.5	L	
DEC 11	345:18:30	3B-060-3	390	15B-1	13	CH1	:40	S	
DEC 11	345:18:30	3B-060-4	390	15B-1	13	CH1	:10	L	+8 sec
DEC 11	345:18:31	3B-060-5	390	15B-1	13	CH1	2:40	S	
DEC 11	345:18:33	3B-060-6	390	15B-1	13	CH1	:40	L	
DEC 11	345:18:34	3B-060-7	390	15B-1	13	CH1	10:40	S	
DEC 11	345:18:45	3B-060-8	390	15B-1	13	CH1	2:40	L	
DEC 11	345:18:47	3B-061-1	390	15B-1	13	CH1	:16	S	
DEC 11	345:18:48	3B-061-2	390	15B-1	13	CH1	: 4.2	L	
DEC 11	345:18:48	3B-061-3	390	15B-1	13	CH1	1:04	S	
DEC 11	345:18:49	3B-061-4	390	15B-1	13	CH1	:16	L	

Limb Scan (Continued)

Roll -5400; R/L +954; U/D +051

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 11	345:18:49	3B-061-5	390	15B-1	13	CH1	4:16	S	+12 sec
DEC 11	345:18:53	3B-061-6	390	15B-1	13	CH1	1:04	L	
DEC 11	345:18:55	3B-061-7	390	15B-1	13	CH1	2:35	S	NOTE: NOAA reported east limb surge (north 10 degrees) at 18:55
DEC 11	345:19:51	3B-061-8	391	15B-1	13	CH1	4:16	L	
DEC 11	345:19:55	3B-062-1	391	15B-1	13	CH1	:16	S	
DEC 11	345:19:56	3B-062-2	391	15B-1	13	CH1	: 4.3	L	
DEC 11	345:19:56	3B-062-3	391	15B-1	13	CH1	1:04	S	
DEC 11	345:19:57	3B-062-4	391	15B-1	13	CH1	:16	L	+20 sec
DEC 11	345:19:57	3B-062-5	391	15B-1	13	CH1	4:16	S	
DEC 11	345:20:01	3B-062-6	391	15B-1	13	CH1	1:04	L	
DEC 11	345:20:02	3B-062-7	391	15B-1	13	CH1	17:04	S	
DEC 11	345:20:20	3B-062-8	391	15B-1	13	CH1	4:16	L	End
DEC 11	345:22:53	3B-063-1	393	01D-1	10	NP	2:39	S	
DEC 11	345:22:56	3B-063-2	393	01D-1	10	NP	2:39	S	
DEC 11	345:23:00	3B-063-3	393	01D-1	28	NP	:41	S	
DEC 11	345:23:01	3B-063-4	393	01D-1	28	NP	2:42	S	
DEC 11	345:23:04	3B-063-5	393	01D-1	28	NP	10:48	S	Spicules, North Limb: Roll +10800; R/L -030; U/D 956
DEC 11	345:23:16	3B-063-6	393	01D-4	28	NP	:41	S	
DEC 11	345:23:17	3B-063-7	393	01D-4	28	NP	2:42	S	
DEC 11	345:23:20	3B-063-8	393	01D-4	28	NP	10:48	S	
DEC 11	345:23:33	3B-064-1	393	S		NP	:10	L	
DEC 11	345:23:33	3B-064-2	393	S		NP	:41	L	
DEC 11	345:23:34	3B-064-3	393	S		NP	2:42	L	
DEC 12	346:00:35	3B-064-4	394	15A-4	11	CH1	0:10	S	
DEC 12	346:00:36	3B-064-5	394	15A-4	11	CH1	:41	S	Coronal Hole (RT Limb) north pole; rather diffuse boundaries.
DEC 12	346:00:36	3B-064-6	394	15A-4	11	CH1	:29	S	Roll -6759; R/L +903; U/D -295
DEC 12	346:00:44	3B-064-7	394	15A-5	11	CH1	0:10	S	
DEC 12	346:00:44	3B-064-8	394	15A-5	11	CH1	:41	S	
DEC 12	346:00:44	3B-065-1	394	15A-5	11	CH1	2:42	S	½ width to right of boundary: Roll -5889; R/L +824; U/D -100
DEC 12	346:00:48	3B-065-2	394	15A-5	11	CH1	: 2.7	L	
DEC 12	346:00:48	3B-065-3	394	15A-5	11	CH1	0:10	L	
DEC 12	346:00:48	3B-065-4	394	15A-5	11	CH1	:41	L	
DEC 12	346:00:52	3B-065-5	394	15A-5	11	CH1	0:10	S	
DEC 12	346:00:52	3B-065-6	394	15A-5	11	CH1	:41	S	
DEC 12	346:00:53	3B-065-7	394	15A-5	11	CH1	2:42	S	½ width to left of boundary: Roll -5888; R/L +828; U/D -100
DEC 12	346:00:56	3B-065-8	394	15A-5	11	CH1	: 2.7	L	
DEC 12	346:00:56	3B-066-1	394	15A-5	11	CH1	0:10	L	
DEC 12	346:00:57	3B-066-2	394	15A-5	11	CH1	:41	L	
DEC 12	346:01:02	3B-066-3	394	15A-5	10	CH1	:10	S	
DEC 12	346:01:02	3B-066-4	394	15A-5	10	CH1	:41	S	
DEC 12	346:01:03	3B-066-5	394	15A-5	10	CH1	2:42	S	Full width to left of boundary: Roll -5888; R/L +819; U/D -100
DEC 12	346:01:06	3B-066-6	394	15A-5	10	CH1	: 2.7	L	
DEC 12	346:01:06	3B-066-7	394	15A-5	10	CH1	:10	L	
DEC 12	346:01:06	3B-066-8	394	15A-5	10	CH1	:41	L	
DEC 12	346:02:30	3B-067-1	395	S		UNK	:41	S	
DEC 12	346:02:30	3B-067-2	395	S		UNK	2:42	S	
DEC 12	346:02:33	3B-067-3	395	S		UNK	10:37	S	
DEC 12	346:04:05	3B-067-4°	396	24 -1	28	LB3	5:00	S	+6 sec left limb study: Roll -10800; R/L -1023; U/D +019
DEC 12	346:04:12	3B-067-5°	396	24 -1	28	LB5	5:00	S	+6 sec right limb study: Roll -10800; R/L +963; U/D +079
DEC 12	346:16:00	3A-075	404	06 -1	01A	SC	1:00	L	
DEC 12	346:16:02	3A-076	404	06 -1	01A	SC	:19	S	
DEC 12	346:18:16	3B-067-6	405	OBS		LP	: 2.5	L	-2 sec — Limb Study: see next page

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 12	346:18:17	3B-067-7	405	OBS		LP	: 2.3	L	0 sec — Limb Study: Determination of -2 sec relative to position of white-light limb at 0 sec and long wavelength limb pointing. Roll -5400; R/L +1043; U/D +036
DEC 12	346:19:13	3B-067-8	406	26	-2 10	LB1	:10	S	Start
DEC 12	346:19:13	3B-068-1	406	26	-2 10	LB1	:41	S	
DEC 12	346:19:14	3B-068-2	406	26	-2 10	LB1	2:42	S	-2 sec (Left Limb)
DEC 12	346:19:17	3B-068-3	406	26	-2 10	LB1	: 2.5	L	
DEC 12	346:19:17	3B-068-4	406	26	-2 10	LB1	:10	L	
DEC 12	346:19:18	3B-068-5	406	26	-2 10	LB1	:41	L	
DEC 12	346:19:23	3B-068-6	406	26	-2 10	LB1	:10	S	Velocity Study at Equator
DEC 12	346:19:23	3B-068-7	406	26	-2 10	LB1	:41	S	Roll -10800; R/L -920; U/D +020
DEC 12	346:19:24	3B-068-8	406	26	-2 10	LB1	2:42	S	0 sec (Left Limb)
DEC 12	346:19:27	3B-069-1	406	26	-2 10	LB1	: 2.5	L	
DEC 12	346:19:27	3B-069-2	406	26	-2 10	LB1	:10	L	
DEC 12	346:19:28	3B-069-3	406	26	-2 10	LB1	:41	L	
DEC 12	346:19:35	3B-069-4	406	26	-2 10	LB1	:10	S	
DEC 12	346:19:35	3B-069-5	406	26	-2 10	LB1	:41	S	
DEC 12	346:19:36	3B-069-6	406	26	-2 10	LB1	2:42	S	+2 sec (Left Limb) [illegible]
DEC 12	346:19:39	3B-069-7	406	26	-2 10	LB1	: 2.7	L	
DEC 12	346:19:39	3B-069-8	406	26	-2 10	LB1	:10	L	
DEC 12	346:19:39	3B-070-1	406	26	-2 10	LB1	:41	L	End
DEC 12	346:22:21	3B-070-2	408	26	-2 10	LB2	:10	S	Start
DEC 12	346:22:21	3B-070-3	408	26	-2 10	LB2	:41	S	
DEC 12	346:22:22	3B-070-4	408	26	-2 10	LB2	2:42	S	-2 sec — Velocity Study at Active Belt at Approximately +15 Degrees
DEC 12	346:22:26	3B-070-5	408	26	-2 10	LB2	: 2.5	L	
DEC 12	346:22:26	3B-070-6	408	26	-2 10	LB2	:10	L	Roll -720; R/L +1045; U/D +044
DEC 12	346:22:26	3B-070-7	408	26	-2 10	LB2	:41	L	
DEC 12	346:22:33	3B-070-8	408	26	-2 10	LB2	:10	S	
DEC 12	346:22:33	3B-071-1	408	26	-2 10	LB2	:10	S	
DEC 12	346:22:34	3B-071-2	408	26	-2 10	LB2	:41	S	
DEC 12	346:22:34	3B-071-3	408	26	-2 10	LB2	2:42	S	0 sec
DEC 12	346:22:37	3B-071-4	408	26	-2 10	LB2	: 2.7	L	
DEC 12	346:22:38	3B-071-5	408	26	-2 10	LB2	:10	L	
DEC 12	346:22:38	3B-071-6	408	26	-2 10	LB2	:41	L	
DEC 12	346:22:40	3B-071-7	408	26	-2 10	LB2	:10	S	
DEC 12	346:22:40	3B-071-8	408	26	-2 10	LB2	:41	S	
DEC 12	346:22:41	3B-072-1	408	26	-2 10	LB2	2:42	S	+2 sec [illegible]
DEC 12	346:22:44	3B-072-2	408	26	-2 10	LB2	: 2.7	L	
DEC 12	346:22:44	3B-072-3	408	26	-2 10	LB2	:10	L	
DEC 12	346:22:44	3B-072-4	408	26	-2 10	LB2	:41	L	End
DEC 12	346:22:47	3B-072-5	408	S03		LB2	2:39	S	Surge above limb approximately 1½ times spicule height
DEC 12	346:22:51	3B-072-6	408	S03		LB2	2:40	S	Roll -1094; R/L +1045; U/D +-44
DEC 12	346:22:54	3B-072-7	408	S03		LB2	1:39	S	
DEC 12	346:23:54	3B-072-8	409	26	-2 10	LB3	:10	S	Start
DEC 12	346:23:55	3B-073-1	409	26	-2 10	LB3	:41	S	
DEC 12	346:23:55	3B-073-2	409	26	-2 10	LB3	2:42	S	-2 sec — Velocity Study at Approximately 60 Degrees Outside North Polar Hole
DEC 12	346:23:59	3B-073-3	409	26	-2 10	LB3	: 2.6	L	
DEC 12	346:23:59	3B-073-4	409	26	-2 10	LB3	:10	L	Roll -3363; R/L +1039; U/D +065
DEC 12	346:23:59	3B-073-5	409	26	-2 10	LB3	:41	L	
DEC 13	347:00:01	3B-073-6	409	26	-2 10	LB3	:10	S	
DEC 13	347:00:01	3B-073-7	409	26	-2 10	LB3	:41	S	
DEC 13	347:00:02	3B-073-8	409	26	-2 10	LB3	2:42	S	0 sec
DEC 13	347:00:05	3B-074-1	409	26	-2 10	LB3	: 2.5	L	
DEC 13	347:00:05	3B-074-2	409	26	-2 10	LB3	:10	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL		
DEC 13	347:00:05	3B-074-3	409	26 -2	10	LB3	:41	L		
DEC 13	347:00:07	3B-074-4	409	26 -2	10	LB3	:10	S		
DEC 13	347:00:07	3B-074-5	409	26 -2	10	LB3	:41	S		
DEC 13	347:00:08	3B-074-6	409	26 -2	10	LB3	2:42	S	+2 sec	NOTE: Frame 3B-074-7 may have been crew error
DEC 13	347:00:11	3B-074-7	409	26 -2	10	LB3	:10	S		
DEC 13	347:00:11	3B-074-8	409	26 -2	10	LB3	: 2.5	L		
DEC 13	347:00:11	3B-075-1	409	26 -2	10	LB3	:10	L		
DEC 13	347:00:11	3B-075-2	409	26 -2	10	LB3	:41	L	End	
DEC 13	347:02:50	3A-077	411	06 -1	01A	SC	2:39	L		
DEC 13	347:02:54	3A-078	411	06 -1	01A	SC	1:19	S		
DEC 13	347:13:52	3A-079	418	06 -1	01A	SC	:59	L		
DEC 13	347:13:53	3A-080	418	06 -1	01A	SC	:19	S	Start	South Polar Region Study
DEC 13	347:16:57	3B-075-3	420	26 -2	10	LB1	:10	S		Pointing on/off South Polar Region; left limb
DEC 13	347:16:57	3B-075-4	420	26 -2	10	LB1	:41	S		(-3 sec limb offset)
DEC 13	347:16:57	3B-075-5	420	26 -2	10	LB1	2:42	S		
DEC 13	347:17:01	3B-075-6	420	26 -2	10	LB1	: 2.7	L	-2 sec	Roll -2950; R/L -908; U/D +015
DEC 13	347:17:01	3B-075-7	420	26 -2	10	LB1	:10	L		
DEC 13	347:17:01	3B-075-8	420	26 -2	10	LB1	:41	L		
DEC 13	347:17:04	3B-076-1	420	26 -2	10	LB1	:10	S		
DEC 13	347:17:04	3B-076-2	420	26 -2	10	LB1	:41	S		
DEC 13	347:17:05	3B-076-3	420	26 -2	10	LB1	2:42	S		
DEC 13	347:17:08	3B-076-4	420	26 -2	10	LB1	: 2.5	L	+2 sec	Roll -2952; R/L -908; U/D +015
DEC 13	347:17:08	3B-076-5	420	26 -2	10	LB1	:10	L		
DEC 13	347:17:08	3B-076-6	420	26 -2	10	LB1	:41	L		
DEC 13	347:17:11	3B-076-7	420	26 -2	10	LB2	:10	S		
DEC 13	347:17:11	3B-076-8	420	26 -2	10	LB2	:41	S		
DEC 13	347:17:12	3B-077-1	420	26 -2	10	LB2	2:42	S		
DEC 13	347:17:15	3B-077-2	420	26 -2	10	LB2	: 2.6	L	-2 sec	Roll -3803; R/L -908; U/D +015
DEC 13	347:17:15	3B-077-3	420	26 -2	10	LB2	:10	L		
DEC 13	347:17:15	3B-077-4	420	26 -2	10	LB2	:41	L		
DEC 13	347:17:17	3B-077-5	420	26 -2	10	LB2	: 1.6	S		
DEC 13	347:17:18	3B-077-6	420	26 -2	10	LB2	:10	S		
DEC 13	347:17:18	3B-077-7	420	26 -2	10	LB2	:41	S		
DEC 13	347:17:18	3B-077-8	420	26 -2	10	LB2	2:42	S		
DEC 13	347:17:22	3B-078-1	420	26 -2	10	LB2	: 2.7	L	+2 sec	Roll -3800; R/L -908; U/D +015
DEC 13	347:17:22	3B-078-2	420	26 -2	10	LB2	:10	L		
DEC 13	347:17:22	3B-078-3	420	26 -2	10	LB2	:41	L		
DEC 13	347:18:30	3B-078-4	421	26 -2	10	LB3	:10	S		
DEC 13	347:18:31	3B-078-5	421	26 -2	10	LB3	:41	S		
DEC 13	347:18:31	3B-078-6	421	26 -2	10	LB3	2:42	S		
DEC 13	347:18:34	3B-078-7	421	26 -2	10	LB3	: 2.7	L	-2 sec	Roll -4709; R/L -914; U/D +006
DEC 13	347:18:34	3B-078-8	421	26 -2	10	LB3	:10	L		
DEC 13	347:18:35	3B-079-1	421	26 -2	10	LB3	:41	L		
DEC 13	347:18:40	3B-079-2	421	26 -2	10	LB3	:10	S		
DEC 13	347:18:40	3B-079-3	421	26 -2	10	LB3	:41	S		
DEC 13	347:18:41	3B-079-4	421	26 -2	10	LB3	2:42	S		
DEC 13	347:18:44	3B-079-5	421	26 -2	10	LB3	: 2.7	L	+2 sec	Roll -4700; R/L -914; U/D +006
DEC 13	347:18:44	3B-079-6	421	26 -2	10	LB3	:10	L		
DEC 13	347:18:44	3B-079-7	421	26 -2	10	LB3	:41	L		
DEC 13	347:18:47	3B-079-8	421	26 -2	10	LB4	:10	S		
DEC 13	347:18:47	3B-080-1	421	26 -2	10	LB4	:41	S		
DEC 13	347:18:48	3B-080-2	421	26 -2	10	LB4	2:42	S		
DEC 13	347:18:52	3B-080-3	421	26 -2	10	LB4	: 2.7	L	-2 sec	Roll -5600; R/L -909; U/D +006
DEC 13	347:18:52	3B-080-4	421	26 -2	10	LB4	:10	L		

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL		
DEC 13	347:18:52	3B-080-5	421	26 -2	10	LB4	:41	L		
DEC 13	347:18:54	3B-080-6	421	26 -2	10	LB4	:10	S		
DEC 13	347:18:54	3B-080-7	421	26 -2	10	LB4	:41	S		
DEC 13	347:18:55	3B-080-8	421	26 -2	10	LB4	2:42	S	+2 sec	Roll -5600; R/L -909; U/D +006
DEC 13	347:18:58	3B-081-1	421	26 -2	10	LB4	: 2.7	L		
DEC 13	347:18:58	3B-081-2	421	26 -2	10	LB4	:10	L		
DEC 13	347:18:58	3B-081-3	421	26 -2	10	LB4	:41	L		
DEC 13	347:20:05	3B-081-4	422	26 -2	10	LB5	:10	S		
DEC 13	347:20:05	3B-081-5	422	26 -2	10	LB5	:41	S		
DEC 13	347:20:06	3B-081-6	422	26 -2	10	LB5	2:42	S	-2 sec	Roll -6500; R/L -918; U/D +019
DEC 13	347:20:09	3B-081-7	422	26 -2	10	LB5	: 2.7	L		NOTE: Oscillation of S082B mirror. Could be parasitic oscillation in mirror readout or contamination in optical path.
DEC 13	347:20:09	3B-081-8	422	26 -2	10	LB5	:10	L		
DEC 13	347:20:09	3B-082-1	422	26 -2	10	LB5	:41	L		
DEC 13	347:20:13	3B-082-2	422	26 -2	10	LB5	:10	S		
DEC 13	347:20:14	3B-082-3	422	26 -2	10	LB5	:41	S		
DEC 13	347:20:14	3B-082-4	422	26 -2	10	LB5	2:42	S	+2 sec	Roll -6500; R/L -916; U/D +019
DEC 13	347:20:17	3B-082-5	422	26 -2	10	LB5	: 2.7	L		
DEC 13	347:20:18	3B-082-6	422	26 -2	10	LB5	:10	L		
DEC 13	347:20:18	3B-082-7	422	26 -2	10	LB5	:41	L		
DEC 13	347:20:22	3B-082-8	422	26 -2	10	LB6	:10	L		
DEC 13	347:20:23	3B-083-1	422	26 -2	10	LB6	:41	L		
DEC 13	347:20:23	3B-083-2	422	26 -2	10	LB6	2:42	L		
DEC 13	347:20:26	3B-083-3	422	26 -2	10	LB6	: 2.7	L	-2 sec	Roll -7400; R/L -918; U/D +019
DEC 13	347:20:26	3B-083-4	422	26 -2	10	LB6	:10	L		NOTE: S082B predisperser failed to move to short wavelength position for first group of three exposures.
DEC 13	347:20:27	3B-083-5	422	26 -2	10	LB6	:41	L		
DEC 13	347:20:28	3B-083-6	422	26 -2	10	LB6	:10	S		
DEC 13	347:20:28	3B-083-7	422	26 -2	10	LB6	:41	S		
DEC 13	347:20:29	3B-083-8	422	26 -2	10	LB6	2:42	S		
DEC 13	347:20:33	3B-084-1	422	26 -2	10	LB6	:10	S		
DEC 13	347:20:33	3B-084-2	422	26 -2	10	LB6	:41	S		
DEC 13	347:20:34	3B-084-3	422	26 -2	10	LB6	2:42	S		
DEC 13	347:20:37	3B-084-4	422	26 -2	10	LB6	: 2.7	L	+2 sec	Roll -7400; R/L -918; U/D +019
DEC 13	347:20:37	3B-084-5	422	26 -2	10	LB6	:10	L		
DEC 13	347:20:37	3B-084-6	422	26 -2	10	LB6	:41	L		
DEC 13	347:21:51	3B-084-7	423	26 -2	10	LB7	:10	S		
DEC 13	347:21:52	3B-084-8	423	26 -2	10	LB7	:41	S		
DEC 13	347:21:52	3B-085-1	423	26 -2	10	LB7	2:41	S	-2 sec	Roll -8298; R/L -905; U/D +024
DEC 13	347:21:55	3B-085-2	423	26 -2	10	LB7	: 2.7	L		
DEC 13	347:21:55	3B-085-3	423	26 -2	10	LB7	:10	L		
DEC 13	347:21:56	3B-085-4	423	26 -2	10	LB7	:41	L		
DEC 13	347:22:01	3B-085-5	423	26 -2	10	LB7	:10	S		
DEC 13	347:22:01	3B-085-6	423	26 -2	10	LB7	:41	S		
DEC 13	347:22:02	3B-085-7	423	26 -2	10	LB7	2:42	S	+2 sec	Roll -8298; R/L -905; U/D +024
DEC 13	347:22:05	3B-085-8	423	26 -2	10	LB7	: 2.7	L		
DEC 13	347:22:05	3B-086-1	423	26 -2	10	LB7	:10	L		
DEC 13	347:22:05	3B-086-2	423	26 -2	10	LB7	:41	L		
DEC 13	347:23:22	3B-086-3	424	17A-1	37	BSP	:10	S	End	
DEC 13	347:23:23	3B-086-4	424	17A-1	37	BSP	:41	S		
DEC 13	347:23:23	3B-086-5	424	17A-1	37	BSP	2:42	S		
DEC 13	347:23:28	3B-086-6	424	17A-1	37	BSP	:10	S		
DEC 13	347:23:28	3B-086-7	424	17A-1	37	BSP	:41	S		
DEC 13	347:23:29	3B-086-8	424	17A-1	37	BSP	2:42	S		
DEC 13	347:23:45	3B-087-1	424	17A-3	10	BSP	:10	S		
DEC 13	347:23:45	3B-087-2	424	17A-3	10	BSP	:41	S		

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 13	347:23:45	3B-087-3	424	17A-3	10	BSP	2:42	S	
DEC 14	348:01:05	3A-081	425	06 -1	01B	SC	:39	S	
DEC 14	348:01:06	3A-082	425	06 -1	01B	SC	2:39	L	
DEC 14	348:02:34	3B-087-4	426	S		LB	:41	S	
DEC 14	348:02:35	3B-087-5°	426	S		LB	2:42	S	+8 sec Limb Study: Roll -8545; R/L -928; U/D +025
DEC 14	348:02:37	3B-087-6°	426	S		LB	8:45	S	
DEC 14	348:02:47	3B-087-7	426	S		LB	:41	S	
DEC 14	348:02:48	3B-087-8°	426	S		LB	2:42	S	+9 sec Limb Study: Roll -8343; R/L -928; U/D +025
DEC 14	348:02:51	3B-088-1°	426	S		LB	3:59	S	1270 not [illegible].
DEC 14	348:13:35	3B-088-2	433	S03		LB	:10	S	
DEC 14	348:13:35	3B-088-3	433	S03		LB	:41	S	+2 sec Limb Study: Roll -2029; R/L -920; U-D +003
DEC 14	348:13:36	3B-088-4	433	S03		LB	2:42	S	
DEC 14	348:13:42	3B-088-5	433	S03		LB	:10	S	+1 sec Limb Study:
DEC 14	348:13:42	3B-088-6	433	S03		LB	:41	S	
DEC 14	348:13:43	3B-088-7	433	S03		LB	:10	S	Roll -1728; R/L -920; U/D 000
DEC 14	348:13:44	3B-088-8	433	S03		LB	:41	S	+2 sec Limb Study:
DEC 14	348:13:44	3B-089-1	433	S03		LB	2:42	S	
DEC 14	348:14:36	3A-083	434	06 -1	01A	SC	:59	L	
DEC 14	348:14:38	3A-084	434	06 -1	01A	SC	:19	S	
DEC 14	348:14:58	3B-089-2°	434	24 -1	28	LB1	4:59	S	+6 sec East Limb Study: Roll +0006; R/L -915; U/D +023
DEC 14	348:15:06	3B-089-3°	434	24 -1	28	LB2	5:00	S	+6 sec West Limb Study: Roll +0083; R/L +1044; U/D +045
DEC 14	348:16:28	3B-089-4	435	OBS		UNK	: 6	S	
DEC 14	348:16:25	3B-089-5	435	OBS		UNK	:10	S	
DEC 14	348:16:29	3B-089-6	435	OBS		UNK	:41	S	
DEC 14	348:16:30	3B-089-7	435	OBS		UNK	2:42	S	
DEC 14	348:16:43	3B-089-8	435	OBS		UNK	:10	S	
DEC 14	348:16:43	3B-090-1	435	OBS		UNK	:41	S	
DEC 14	348:16:43	3B-090-2	435	OBS		UNK	2:42	S	
DEC 14	348:16:49	3B-090-3	435	OBS		UNK	:10	S	
DEC 14	348:16:49	3B-090-4	435	OBS		UNK	:41	S	
DEC 14	348:16:50	3B-090-5	435	OBS		UNK	2:42	S	Start
DEC 14	348:17:44	3B-090-6	436	26 -2	10	LB3	: 2.5	S	
DEC 14	348:17:44	3B-090-7	436	26 -2	10	LB3	:10	S	-2 sec
DEC 14	348:17:44	3B-090-8	436	26 -2	10	LB3	:41	S	
DEC 14	348:17:45	3B-091-1	436	26 -2	10	LB3	2:42	S	
DEC 14	348:17:50	3B-091-2	436	26 -2	10	LB3	: 2.7	S	
DEC 14	348:17:50	3B-091-3	436	26 -2	10	LB3	:10	S	0 sec — Limb Study
DEC 14	348:17:50	3B-091-4	436	26 -2	10	LB3	:41	S	
DEC 14	348:17:51	3B-091-5	436	26 -2	10	LB3	2:42	S	Roll -10801; R/L -916; U/D +011
DEC 14	348:17:56	3B-091-6	436	26 -2	10	LB3	: 2.7	S	
DEC 14	348:17:56	3B-091-7	436	26 -2	10	LB3	:10	S	+2 sec
DEC 14	348:17:56	3B-091-8	436	26 -2	10	LB3	:41	S	
DEC 14	348:17:57	3B-092-1	436	26 -2	10	LB3	2:42	S	End 1270 not [illegible]
DEC 14	348:18:11	3B-092-2	436	S10		UNK	: 2.7	S	
DEC 14	348:18:11	3B-092-3	436	S10		UNK	:10	S	
DEC 14	348:18:11	3B-092-4	436	S10		UNK	:41	S	
DEC 14	348:18:12	3B-092-5	436	S10		UNK	2:42	S	
DEC 14	348:18:26	3B-092-6	436	S10		UNK	: 2.7	S	
DEC 14	348:18:26	3B-092-7	436	S10		UNK	:10	S	
DEC 14	348:18:26	3B-092-8	436	S10		UNK	:41	S	
DEC 14	348:18:27	3B-093-1	436	S10		UNK	:50	S	
DEC 14	348:19:27	3B-093-2	437	26 -2	10	LB4	: 2.7	S	Start

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BP	TGT	EXP	WVL	
DEC 14	348:19:27	3B-093-3	437	26 -2	10	LB4	:10	S	-2 sec
DEC 14	348:19:27	3B-093-4	437	26 -2	10	LB4	:41	S	
DEC 14	348:19:28	3B-093-5	437	26 -2	10	LB4	2:42	S	Limb Study
DEC 14	348:19:33	3B-093-6	437	26 -2	10	LB4	: 2.5	S	Roll -9900; R/L -915; U/D +015
DEC 14	348:19:33	3B-093-7	437	26 -2	10	LB4	:10	S	
DEC 14	348:19:33	3B-093-8	437	26 -2	10	LB4	:41	S	0 sec
DEC 14	348:19:34	3B-094-1	437	26 -2	10	LB4	2:42	S	
DEC 14	348:19:37	3B-094-2	437	26 -2	10	LB4	: 2.5	S	
DEC 14	348:19:38	3B-094-3	437	26 -2	10	LB4	:10	S	+2 sec
DEC 14	348:19:38	3B-094-4	437	26 -2	10	LB4	:41	S	
DEC 14	348:19:39	3B-094-5	437	26 -2	10	LB4	2:42	S	End
DEC 14	348:19:56	3B-094-6	437	S15		BSP	: 2.7	S	
DEC 14	348:19:56	3B-094-7	437	S15		BSP	:10	S	
DEC 14	348:19:57	3B-094-8	437	S15		BSP	:41	S	
DEC 14	348:19:57	3B-095-1	437	S15		BSP	2:42	S	Start
DEC 14	348:20:46	3B-095-2	438	26 -2	10	LB5	: 2.7	S	
DEC 14	348:20:47	3B-095-3	438	26 -2	10	LB5	:10	S	-2 sec
DEC 14	348:20:47	3B-095-4	438	26 -2	10	LB5	:41	S	
DEC 14	348:20:47	3B-095-5	438	26 -2	10	LB5	2:42	S	Limb Study
DEC 14	348:20:51	3B-095-6	438	26 -2	10	LB5	: 2.7	S	
DEC 14	348:20:51	3B-095-7	438	26 -2	10	LB5	:10	S	Roll -9000; R/L -914; U/D -001
DEC 14	348:20:51	3B-095-8	438	26 -2	10	LB5	:41	S	0 sec
DEC 14	348:20:52	3B-096-1	438	26 -2	10	LB5	2:42	S	
DEC 14	348:20:59	3B-096-2	438	26 -2	10	LB5	: 2.5	S	
DEC 14	348:20:59	3B-096-3	438	26 -2	10	LB5	:10	S	+2 sec
DEC 14	348:20:59	3B-096-4	438	26 -2	10	LB5	:41	S	
DEC 14	348:21:00	3B-096-5	438	26 -2	10	LB5	2:42	S	End
DEC 14	348:21:08	3B-096-6	438	26 -2	10	LB6	: 2.5	S	Start
DEC 14	348:21:08	3B-096-7	438	26 -2	10	LB6	:10	S	
DEC 14	348:21:08	3B-096-8	438	26 -2	10	LB6	:41	S	-2 sec
DEC 14	348:21:09	3B-097-1	438	26 -2	10	LB6	2:42	S	Limb Study
DEC 14	348:21:12	3B-097-2	438	26 -2	10	LB6	: 2.7	S	
DEC 14	348:21:12	3B-097-3	438	26 -2	10	LB6	:10	S	Roll -7200; R/L -914; U/D -001
DEC 14	348:21:13	3B-097-4	438	26 -2	10	LB6	:41	S	0 sec — NOTE: Exposure 3B-097-2 was taken at -2 sec Limb Offset
DEC 14	348:21:13	3B-097-5	438	26 -2	10	LB6	2:42	S	
DEC 14	348:21:18	3B-097-6	438	26 -2	10	LB6	: 2.7	S	
DEC 14	348:21:18	3B-097-7	438	26 -2	10	LB6	:10	S	+2 sec
DEC 14	348:21:18	3B-097-8	438	26 -2	10	LB6	:41	S	
DEC 14	348:21:19	3B-098-1	438	26 -2	10	LB6	2:42	S	End
DEC 14	348:21:33	3A-085	438	S04		LB	:43	S	SF Subflare at Limb Southeast 12 degrees: Roll -3121; R/L -760; U/D +613: Surge 1 min above limb; Begin 21:30; Max 21:33
DEC 15	349:01:28	3A-086	441	06 -1	01A	SC	1:00	L	
DEC 15	349:01:29	3A-087	441	06 -1	01A	SC	:19	S	
DEC 15	349:01:41	3A-088	441	06 -1	01B	SC	:19	S	
DEC 15	349:01:41	3A-089	441	06 -1	01B	SC	1:00	L	
DEC 15	349:02:07	3B-098-2	441	S		LB	:10	S	
DEC 15	349:02:07	3B-098-3	441	S		LB	:41	S	+6 sec east limb activity study: Roll -928; R/L -924; U/D +002
DEC 15	349:02:08	3B-098-4	441	S		LB	2:42	S	
DEC 15	349:13:57	3A-090	449	06 -1	01A	SC	:59	L	
DEC 15	349:13:58	3A-091	449	06 -1	01A	SC	:19	S	
DEC 15	349:14:28	3B-098-5	449	04A-4	37	P55	:41	S	to limb at prominence P55: Roll -6363; R/L +078; U/D +1010
DEC 15	349:14:29	3B-098-6	449	04A-4	37	P55	2:42	S	
DEC 15	349:14:32	3B-098-7	449	04A-4	37	P55	8:03	S	NOTE: Surge at end of day

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
DEC 15	349:15:38	3B-098-8	450	S11		00	2:39	S	+10 sec; Limb Study - AR00/P55- SL 11/12/13
DEC 15	349:15:42	3B-099-1°	450	S11		00	5:20	S	
DEC 15	349:15:52	3B-099-2°	450	S11		00	2:39	S	+13 sec; Roll -924; R/L changing from -924 to -929; U/D +021
DEC 15	349:15:56	3B-099-3°	450	S11		00	5:20	S	+12 sec
DEC 15	349:16:03	3B-099-4°	450	S11		00	2:39	S	+8 sec
DEC 15	349:16:06	3B-099-5°	450	S11		00	5:20	S	+7 sec
DEC 15	349:16:11	3B-099-6	450	S11		00	1:59	L	+7/+8 sec
DEC 15	349:17:19	3B-099-7	451	S11		00	:41	L	Limb Study - AR00/P55 - SL 11/12/13
DEC 15	349:17:20	3B-099-8	451	S11		00	:41	S	+7 sec
DEC 15	349:17:21	3B-100-1°	451	S11		00	2:42	S	Roll -861; R/L -923; U/D +013
DEC 15	349:17:23	3B-100-2°	451	S11		00	10:47	S	+7/+8 sec
DEC 15	349:17:39	3B-100-3°	451	S11		00	:41	S	
DEC 15	349:17:40	3B-100-4°	451	S11		00	2:42	S	
DEC 15	349:17:42	3B-100-5°	451	S11		00	:41	S	+7 sec; Limb Study - AR00/P55 - SL 11/12/13
DEC 15	349:17:43	3B-100-6°	451	S11		00	2:42	S	
DEC 15	349:17:46	3B-100-7	451	S11		00	: 0.3S		Roll -1232; R/L -921; U/D +013
DEC 15	349:18:40	3B-100-8	452	26	-2 10	LB1	0:10	S	
DEC 15	349:18:40	3B-101-1	452	26	-2 10	LB1	:41	S	+2 sec Limb Study: Roll +9402; R/L +1056; U/D +040
DEC 15	349:18:41	3B-101-2	452	26	-2 10	LB1	2:42	S	
DEC 15	349:18:48	3B-101-3	452	26	-2 10	LB2	:16	S	
DEC 15	349:18:49	3B-101-4	452	26	-2 10	LB2	:41	S	+2 sec Limb Study: Roll +9901; R/L +1056; U/D +40
DEC 15	349:18:50	3B-101-5	452	26	-2 10	LB2	2:42	S	NOTE: NRL Bias R/L +68; U/D +31
DEC 16	350:02:19	3A-092	457	06	-1 01A	SC	2:39	L	
DEC 16	350:02:22	3A-093	457	06	-1 01A	SC	1:19	S	
DEC 16	350:13:14	3A-094	464	06	-1 01A	SC	:59	L	
DEC 16	350:13:16	3A-095	464	06	-1 01A	SC	:19	S	
DEC 16	350:13:54	3A-096	464	S	17	00	:40	S	New sharp streamer above AR00 on southeast limb; Roll +10075;
DEC 16	350:16:27	3B-101-6	466	05D	-4 39	00	:41	S	Start; R/L +073; U/D -033
DEC 16	350:16:28	3B-101-7	466	05D	-4 39	00	2:42	S	+8 sec
DEC 16	350:16:31	3B-101-8°	466	05D	-4 39	00	10:50	S	Limb Study
DEC 16	350:16:43	3B-102-1°	466	05D	-4 39	00	1:19	S	+20 sec; Roll -1133; R/L -916; U/D +014
DEC 16	350:16:45	3B-102-2°	466	05D	-4 39	00	5:20	S	
DEC 16	350:16:51	3B-102-3°	466	05D	-4 39	00	14:29	S	End
DEC 16	350:19:22	3B-102-4	468	OBS		UNK	:48	S	Start
DEC 16	350:19:29	3B-102-5	468	26	-2 10	00	:10	S	
DEC 16	350:19:29	3B-102-6	468	26	-2 10	00	:41	S	-2 sec
DEC 16	350:19:30	3B-102-7	468	26	-2 10	00	2:42	S	
DEC 16	350:19:36	3A-097	468	26	-2 10	00	:40	S	
DEC 16	350:19:36	3B-102-8	468	26	-2 10	00	0:10	S	0 sec; Limb Study
DEC 16	350:19:36	3B-103-1	468	26	-2 10	00	:41	S	
DEC 16	350:19:37	3B-103-2	468	26	-2 10	00	2:42	S	Roll -1066; R/L -914; U/D 000
DEC 16	350:19:42	3B-103-3	468	26	-2 10	00	:18	S	
DEC 16	350:19:43	3A-098	468	26	-2 10	00	:59	L	+2 sec
DEC 16	350:19:43	3B-103-4	468	26	-2 10	00	:41	S	
DEC 16	350:19:43	3B-103-5	468	26	-2 10	00	2:42	S	
DEC 16	350:19:53	3B-103-6	468	26	-2 10	00	3:59	S	+4 sec
DEC 16	350:19:57	3B-103-7	468	26	-2 10	00	2:00	S	End
DEC 16	350:20:09	3A-099	468	03A	09	00	:20	S	Pre-flare exposure: Roll -5400; R/L -240; U/D +986
DEC 16	350:20:10	3A-100	468	03A	09	00	:02.5S		Start
DEC 16	350:20:10	3A-101	468	03A	09	00	:10	S	
DEC 16	350:20:10	3A-102	468	03A	09	00	:40	S	Flare Study - see next page
DEC 16	350:20:10	3B-103-8	468	03A	09	00	: 0.3S		

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
DEC 16	350:20:10	3B-104-1	468	03A	09	00	: 1.3	S
DEC 16	350:20:10	3B-104-2	468	03A	09	00	: 5	S
DEC 16	350:20:10	3B-104-3	468	03A	09	00	:20	S
DEC 16	350:20:10	3B-104-4	468	03A	09	00	: 0.3	S
DEC 16	350:20:10	3B-104-5	468	03A	09	00	: 1.3	S
DEC 16	350:20:10	3B-104-6	468	03A	09	00	: 5	S
DEC 16	350:20:10	3B-104-7	468	03A	09	00	:20	S
DEC 16	350:20:11	3A-103	468	03A	09	00	:05	L
DEC 16	350:20:11	3A-104	468	03A	09	00	:20	L
DEC 16	350:20:11	3A-105	468	03A	09	00	1:20	L
DEC 16	350:20:11	3B-104-8	468	03A	09	00	: 0.2	L
DEC 16	350:20:11	3B-105-1	468	03A	09	00	: 0.7	L
DEC 16	350:20:11	3B-105-2	468	03A	09	00	: 2.5	L
DEC 16	350:20:11	3B-105-3	468	03A	09	00	:10	L
DEC 16	350:20:11	3B-105-4	468	03A	09	00	: 0.3	S
DEC 16	350:20:11	3B-105-5	468	03A	09	00	: 1.3	S
DEC 16	350:20:11	3B-105-6	468	03A	09	00	: 5	S
DEC 16	350:20:11	3B-105-7	468	03A	09	00	:20	S
DEC 16	350:20:11	3B-105-8	468	03A	09	00	: 0.3	S
DEC 16	350:20:11	3B-106-1	468	03A	09	00	: 1.3	S
DEC 16	350:20:11	3B-106-2	468	03A	09	00	: 5	S
DEC 16	350:20:11	3B-106-3	468	03A	09	00	:20	S
DEC 16	350:20:12	3A-106	468	03A	09	00	:02.5	S
DEC 16	350:20:12	3A-107	468	03A	09	00	:10	S
DEC 16	350:20:12	3B-106-4	468	03A	09	00	: 0.2	L
DEC 16	350:20:12	3B-106-5	468	03A	09	00	: 0.7	L
DEC 16	350:20:12	3B-106-6	468	03A	09	00	: 2.5	L
DEC 16	350:20:12	3B-106-7	468	03A	09	00	:10	L
DEC 16	350:20:12	3B-106-8	468	03A	09	00	: 1.3	S
DEC 16	350:20:12	3B-107-1	468	03A	09	00	: 5	S
DEC 16	350:20:12	3B-107-2	468	03A	09	00	:20	S
DEC 16	350:20:13	3A-108	468	03A	09	00	:40	S
DEC 16	350:20:13	3A-109	468	03A	09	00	:10	S
DEC 16	350:20:13	3B-107-3	468	03A	09	00	1:20	S
DEC 16	350:20:14	3A-110	468	03A	09	00	:22	S
DEC 16	350:20:14	3B-107-4	468	03A	09	00	: 0.2	L
DEC 16	350:20:14	3B-107-5	468	03A	09	00	: 0.7	L
DEC 16	350:20:14	3B-107-6	468	03A	09	00	: 2.5	L
DEC 16	350:20:59	3A-111	469	19 -1	35	SC	:19	S
DEC 16	350:22:50	3B-107-7	470	OBS		UNK	: 3.8	L
DEC 16	350:22:51	3A-112	470	19 -1	35	SC	:59	L
DEC 17	351:00:03	3A-113	471	19 -1	35	SC	:19	S
DEC 17	351:00:31	3A-114	471	03A	09	00	:14	S
DEC 17	351:00:33	3A-115	471	03A	09	00	:02.5	S
DEC 17	351:00:33	3A-116	471	03A	09	00	:10	S
DEC 17	351:00:33	3A-117	471	03A	09	00	:40	S
DEC 17	351:00:33	3B-107-8	471	03A	09	00	: 0.3	S
DEC 17	351:00:33	3B-108-1	471	03A	09	00	: 1.3	S
DEC 17	351:00:33	3B-108-2	471	03A	09	00	: 5	S
DEC 17	351:00:33	3B-108-3	471	03A	09	00	:20	S
DEC 17	351:00:33	3B-108-4	471	03A	09	00	: 0.3	S
DEC 17	351:00:33	3B-108-5	471	03A	09	00	: 1.3	S

Flare Study

NOAA: X-ray C3; Optical SF
Optical Max 19:56
X-ray Max 20:09:50 (Questionable)

Roll -5400; R/L -240; U/D +986

End

— Exposure may have been taken prior to sunrise: Roll -5400

— Pre-flare exposure: Roll -5400; R/L +075; U/D -033

Start first flare sequence

Flare Study

NOAA: Optical Max 00:33

Roll -5400; R/L -258; U/D +929

CHRONOLOGICAL LISTING

Flare Study (Continued)

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL
DEC 17	351:00:33	3B-108-6	471	03A	09	00	: 5	S
DEC 17	351:00:33	3B-108-7	471	03A	09	00	:20	S
DEC 17	351:00:34	3A-118	471	03A	09	00	:05	L
DEC 17	351:00:34	3A-119	471	03A	09	00	:20	L
DEC 17	351:00:34	3A-120	471	03A	09	00	1:20	L
DEC 17	351:00:34	3B-108-8	471	03A	09	00	: 0.2	L
DEC 17	351:00:34	3B-109-1	471	03A	09	00	: 0.7	L
DEC 17	351:00:34	3B-109-2	471	03A	09	00	: 2.5	L
DEC 17	351:00:34	3B-109-3	471	03A	09	00	:10	L
DEC 17	351:00:34	3B-109-4	471	03A	09	00	: 0.3	S
DEC 17	351:00:34	3B-109-5	471	03A	09	00	: 1.3	S
DEC 17	351:00:34	3B-109-6	471	03A	09	00	: 5	S
DEC 17	351:00:34	3B-109-7	471	03A	09	00	:20	S
DEC 17	351:00:35	3B-109-8	471	03A	09	00	: 0.3	S
DEC 17	351:00:35	3B-110-1	471	03A	09	00	: 1.3	S
DEC 17	351:00:35	3B-110-2	471	03A	09	00	: 5	S
DEC 17	351:00:35	3B-110-3	471	03A	09	00	:20	S
DEC 17	351:00:35	3B-110-4	471	03A	09	00	: 0.2	L
DEC 17	351:00:35	3B-110-5	471	03A	09	00	: 0.7	L
DEC 17	351:00:35	3B-110-6	471	03A	09	00	: 2.5	L
DEC 17	351:00:35	3B-110-7	471	03A	09	00	:10	L
DEC 17	351:00:35	3B-110-8	471	03A	09	00	: 1.3	S
DEC 17	351:00:35	3B-111-1	471	03A	09	00	: 5	S
DEC 17	351:00:35	3B-111-2	471	03A	09	00	:20	S
DEC 17	351:00:36	3A-121	471	03A	09	00	:02.5	S
DEC 17	351:00:36	3A-122	471	03A	09	00	:10	S
DEC 17	351:00:36	3A-123	471	03A	09	00	:40	S
DEC 17	351:00:36	3B-111-3	471	03A	09	00	:49	S
DEC 17	351:00:37	3A-124	471	03A	09	00	:10	S
DEC 17	351:00:37	3A-125	471	03A	09	00	:40	S
DEC 17	351:00:37	3A-126	471	03A	09	00	2:39	S
DEC 17	351:00:40	3A-127	471	03A	09	00	:10	L
DEC 17	351:00:40	3A-128	471	03A	09	00	:40	L
DEC 17	351:00:40	3B-111-4	471	03A	09	00	: 2.5	S
DEC 17	351:00:40	3B-111-5	471	03A	09	00	:10	S
DEC 17	351:00:40	3B-111-6	471	03A	09	00	:41	S
DEC 17	351:00:41	3A-129	471	03A	09	00	2:39	L
DEC 17	351:00:41	3B-111-7	471	03A	09	00	: 0.3	S
DEC 17	351:00:41	3B-111-8	471	03A	09	00	: 1.3	S
DEC 17	351:00:41	3B-112-1	471	03A	09	00	: 5	S
DEC 17	351:00:41	3B-112-2	471	03A	09	00	:20	S
DEC 17	351:00:41	3B-112-3	471	03A	09	00	: 0.3	S
DEC 17	351:00:41	3B-112-4	471	03A	09	00	: 1.3	S
DEC 17	351:00:41	3B-112-5	471	03A	09	00	: 5	S
DEC 17	351:00:41	3B-112-6	471	03A	09	00	:20	S
DEC 17	351:00:42	3B-112-7	471	03A	09	00	: 0.2	L
DEC 17	351:00:42	3B-112-8	471	03A	09	00	: 0.7	L
DEC 17	351:00:42	3B-113-1	471	03A	09	00	: 2.5	L
DEC 17	351:00:42	3B-113-2	471	03A	09	00	:10	L
DEC 17	351:00:42	3B-113-3	471	03A	09	00	: 0.3	S
DEC 17	351:00:42	3B-113-4	471	03A	09	00	: 1.3	S
DEC 17	351:00:42	3B-113-5	471	03A	09	00	: 5	S
DEC 17	351:00:42	3B-113-6	471	03A	09	00	:20	S
DEC 17	351:00:42	3B-113-7	471	03A	09	00	: 0.3	S

End first flare sequence

Start second flare sequence

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP WVL
DEC 17	351:00:42	3B-113-8	471	03A	09	00	: 1.3S
DEC 17	351:00:42	3B-114-1	471	03A	09	00	: 5 S
DEC 17	351:00:43	3B-114-2	471	03A	09	00	:20 S
DEC 17	351:00:43	3B-114-3	471	03A	09	00	: 0.2L
DEC 17	351:00:43	3B-114-4	471	03A	09	00	: 0.7L
DEC 17	351:00:43	3B-114-5	471	03A	09	00	: 2.5L
DEC 17	351:00:43	3B-114-6	471	03A	09	00	:10 L
DEC 17	351:00:43	3B-114-7	471	03A	09	00	: 1.3S
DEC 17	351:00:43	3B-114-8	471	03A	09	00	: 5 S
DEC 17	351:00:43	3B-115-1	471	03A	09	00	:20 S
DEC 17	351:00:44	3A-130	471	03A	09	00	:02.5S
DEC 17	351:00:44	3A-131	471	03A	09	00	:10 S
DEC 17	351:00:44	3A-132	471	03A	09	00	:40 S
DEC 17	351:00:44	3B-115-2	471	03A	09	00	1:20 S
DEC 17	351:00:45	3A-133	471	03A	09	00	:10 S
DEC 17	351:00:45	3A-134	471	03A	09	00	:40 S
DEC 17	351:00:45	3B-115-3	471	03A	09	00	: 0.2L
DEC 17	351:00:45	3B-115-4	471	03A	09	00	: 0.7L
DEC 17	351:00:45	3B-115-5	471	03A	09	00	: 2.5L
DEC 17	351:00:45	3B-115-6	471	03A	09	00	:10 L
DEC 17	351:00:46	3A-135	471	03A	09	00	2:39 S
DEC 17	351:00:47	3B-115-7	471	03A	09	00	: 1.3S
DEC 17	351:00:47	3B-115-8	471	03A	09	00	: 5 S
DEC 17	351:00:47	3B-116-1	471	03A	09	00	:20 S
DEC 17	351:00:48	3A-136	471	03A	09	00	:10 L
DEC 17	351:00:48	3A-137	471	03A	09	00	:40 L
DEC 17	351:00:48	3B-116-2	471	03A	09	00	1:20 S
DEC 17	351:00:49	3A-138	471	03A	09	00	2:39 L
DEC 17	351:00:49	3B-116-3	471	03A	09	00	: 0.2L
DEC 17	351:00:49	3B-116-4	471	03A	09	00	: 0.7L
DEC 17	351:00:49	3B-116-5	471	03A	09	00	: 2.5L
DEC 17	351:00:49	3B-116-6	471	03A	09	00	:10 L
DEC 17	351:00:51	3B-116-7	471	03A	09	00	: 1.8S
DEC 17	351:00:51	3B-116-8	471	03A	09	00	: 5 S
DEC 17	351:00:51	3B-117-1	471	03A	09	00	:20 S
DEC 17	351:00:52	3B-117-2	471	03A	09	00	1:20 S
DEC 17	351:00:53	3B-117-3	471	03A	09	00	: 0.2L
DEC 17	351:00:53	3B-117-4	471	03A	09	00	: 0.7L
DEC 17	351:00:53	3B-117-5	471	03A	09	00	: 2.5L
DEC 17	351:00:53	3B-117-6	471	03A	09	00	:10 L
DEC 17	351:01:38	3B-117-7	472	03A	09	00	: 2.7S
DEC 17	351:01:38	3B-117-8	472	03A	09	00	:10 S
DEC 17	351:01:39	3A-139	472	03A	09	00	:19 S
DEC 17	351:01:39	3B-118-1	472	03A	09	00	:41 S
DEC 17	351:01:49	3A-140	472	01A-1	01A	SC	:19 S
DEC 17	351:01:49	3B-118-2	472	03A	09	00	: 2.7S
DEC 17	351:01:49	3B-118-3	472	03A	09	00	:10 S
DEC 17	351:01:49	3B-118-4	472	03A	09	00	:41 S
DEC 17	351:01:59	3A-141	472	01A-1	01A	SC	:58 S
DEC 17	351:02:11	3A-142	472	01B-1	01B	SC	:19 S
DEC 17	351:02:12	3A-143	472	01B-1	01B	SC	:59 L
DEC 17	351:15:37	3A-144	481	06 -1	01A	SC	:59 L
DEC 17	351:15:39	3A-145	481	06 -1	01A	SC	:20 S
DEC 17	351:23:26	3A-146	486	06 -2	28	SC	:19 S

Flare Study (Continued)

End second flare sequence

Post Flare: Roll -1222; R/L -885; U/D +036

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 17	351:23:57	3B-118-5	486	S11		P59	:10	S	Start
DEC 17	351:23:57	3B-118-6	486	S11		P59	:41	S	+4 sec — East Limb Study
DEC 17	351:23:58	3B-118-7	486	S11		P59	2:42	S	Roll -8568; R/L +1063; U/D +038
DEC 18	352:00:03	3B-118-8	486	S11		P59	:10	S	+7 sec
DEC 18	352:00:04	3B-119-1	486	S11		P59	:41	S	
DEC 18	352:00:04	3B-119-2	486	S11		P59	2:42	S	
DEC 18	352:00:08	3B-119-3	486	S11		P59	:10	S	+11 sec
DEC 18	352:00:09	3B-119-4	486	S11		P59	:41	S	
DEC 18	352:00:09	3B-119-5	486	S11		P59	1:50	S	End
DEC 18	352:13:24	3A-147	495	06 -1	01A	SC	:59	L	
DEC 18	352:13:25	3A-148	495	06 -1	01A	SC	:20	S	
DEC 18	352:13:59	3B-119-6	495	04A	11	P59	:10	S	
DEC 18	352:14:00	3B-119-7	495	04A	11	P59	:41	S	
DEC 18	352:14:00	3B-119-8	495	04A	11	P59	2:42	S	
DEC 18	352:14:06	3B-120-1	495	04A	28	P59	0:10	S	
DEC 18	352:14:06	3B-120-2	495	04A	28	P59	:41	S	
DEC 18	352:14:07	3B-120-3	495	04A	28	P59	2:42	S	
DEC 18	352:16:37	3B-120-4	497	S11		P59	:10	S	0 sec Limb Study: Roll -2789; R/L -213; U/D +1025
DEC 18	352:16:38	3B-120-5	497	S11		P59	:41	S	
DEC 18	352:16:38	3B-120-6	497	S11		P59	2:42	S	
DEC 18	352:16:49	3B-120-7	497	S11		P59	0:10	S	0 sec Limb Study: Roll -2759; R/L -213; U/D +1025
DEC 18	352:16:49	3B-120-8	497	S11		P59	:41	S	
DEC 18	352:16:50	3B-121-1	497	S11		P59	2:42	S	
DEC 18	352:17:02	3B-121-2	497	S11		P59	0:10	S	Start
DEC 18	352:17:02	3B-121-3	497	S11		P59	:41	S	+9 sec — Limb Study
DEC 18	352:17:03	3B-121-4	497	S11		P59	2:42	S	
DEC 18	352:17:06	3B-121-5	497	S11		P59	0:10	S	
DEC 18	352:17:06	3B-121-6	497	S11		P59	:41	S	+13 sec — Roll +331; R/L -920; U/D +016
DEC 18	352:17:07	3B-121-7	497	S11		P59	2:42	S	
DEC 18	352:17:13	3B-121-8	497	S11		P59	0:10	S	
DEC 18	352:17:13	3B-122-1	497	S11		P59	:41	S	+21 sec
DEC 18	352:17:14	3B-122-2	497	S11		P59	2:48	S	
DEC 18	352:18:02	3B-122-3	498	OBS		UNK	: 2	S	End
DEC 18	352:23:03	3B-122-4	501	04A-4	37	P59	0:10	S	
DEC 18	352:23:03	3B-122-5	501	04A-4	37	P59	:41	S	
DEC 18	352:23:04	3B-122-6	501	04A-4	37	P59	2:42	S	
DEC 18	352:23:08	3B-122-7	501	04A-4	37	P59	0:10	S	
DEC 18	352:23:08	3B-122-8	501	04A-4	37	P59	:41	S	
DEC 18	352:23:09	3B-123-1	501	04A-4	37	P59	2:42	S	
DEC 18	352:23:14	3B-123-2	501	04A-4	37	P59	:41	S	
DEC 18	352:23:15	3B-123-3	501	04A-4	37	P59	2:42	S	
DEC 18	352:23:17	3B-123-4	501	04A-4	37	P59	10:49	S	
DEC 19	353:00:20	3B-123-5	502	05 -4	39	LB3	:41	S	Start
DEC 19	353:00:21	3B-123-6	502	05 -4	39	LB3	2:42	S	+2 sec — Limb Study
DEC 19	353:00:24	3B-123-7	502	05 -4	39	LB3	10:48	S	
DEC 19	353:00:36	3B-123-8	502	05 -4	39	LB3	:41	S	+6 sec — Roll -1029; R/L -908; U/D +010
DEC 19	353:00:37	3B-124-1	502	05 -4	39	LB3	2:42	S	
DEC 19	353:00:40	3B-124-2	502	05 -4	39	LB3	10:48	S	
DEC 19	353:00:52	3B-124-3	502	05 -4	39	LB3	0:40	S	+12 sec
DEC 19	353:00:53	3B-124-4	502	05 -4	39	LB3	2:42	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 19	353:00:55	3B-124-5	502	05 -4	39	LB3	5:15	S	End
DEC 19	353:02:29	3B-124-6	503	12C		QR1	: 2.7S		Slew Calibration: Roll 0000; R/L +054; U/D +531
DEC 19	353:02:29	3B-124-7	503	12C		QR1	:10	S	
DEC 19	353:02:29	3B-124-8	503	12C		QR1	:41	S	
DEC 19	353:06:32	3A-149	506	UNA		P59	:10	S	Exposures taken as prominence P59 lifted off the east limb.
DEC 19	353:06:32	3A-150	506	UNA		P59	:20	L	Roll -5204; R/L +349; U/D +1089
DEC 19	353:06:32	3A-151	506	UNA		P59	:40	S	
DEC 19	353:06:33	3A-152	506	UNA		P59	1:20	L	
DEC 19	353:06:34	3A-153	506	UNA		P59	2:40	S	
DEC 19	353:06:37	3A-154	506	UNA		P59	5:19	L	
DEC 19	353:12:51	3B-125-1	510	26 -2	10	P59	0:10	S	Start
DEC 19	353:12:52	3B-125-2	510	26 -2	10	P59	:41	S	+10 sec Roll -10335
DEC 19	353:12:52	3B-125-3	510	26 -2	10	P59	2:42	S	Limb Study
DEC 19	353:12:58	3B-125-4	510	26 -2	10	P59	0:10	S	
DEC 19	353:12:59	3A-155	510	26 -2	10	P59	1:59	L	+30 sec Roll -10329 R/L 1071; U/D +044
DEC 19	353:12:59	3B-125-5	510	26 -2	10	P59	:41	S	
DEC 19	353:13:00	3B-125-6	510	26 -2	10	P59	2:43	S	
DEC 19	353:13:06	3B-125-7	510	26 -2	10	P59	0:10	S	
DEC 19	353:13:06	3B-125-8	510	26 -2	10	P59	:41	S	+10 sec Roll -10499
DEC 19	353:13:07	3B-126-1	510	26 -2	10	P59	2:43	S	
DEC 19	353:13:08	3A-156	510	26 -2	10	P59	:40	S	
DEC 19	353:13:17	3B-126-2	510	26 -2	10	P59	0:10	S	
DEC 19	353:13:17	3B-126-3	510	26 -2	10	P59	:41	S	+10 sec Roll -9433
DEC 19	353:13:18	3B-126-4	510	26 -2	10	P59	2:43	S	End
DEC 19	353:13:27	3B-126-5	510	26 -2	10	UNK	: 2.5S		
DEC 19	353:13:27	3B-126-6	510	26 -2	10	UNK	:10	S	
DEC 19	353:13:27	3B-126-7	510	26 -2	10	UNK	:41	S	
DEC 19	353:14:19	3A-157	511	06 -1	01A	SC	1:00	L	
DEC 19	353:14:21	3A-158	511	06 -1	01A	SC	:20	S	
DEC 19	353:15:00	3B-126-8	511	OBS		UNK	: 2.5S		
DEC 19	353:15:00	3B-127-1	511	OBS		UNK	:10	S	
DEC 19	353:15:00	3B-127-2	511	OBS		UNK	:41	S	
DEC 19	353:16:16	3B-127-3	512	18D	30	K	:11	S	Exposure intended to separate Comet Kohoutek data from solar data. Kohoutek was not located, therefore JOP not completed.
DEC 19	353:19:38	3A-159	514	02B-5	10	04	:19	S	
DEC 19	353:20:27	3A-160	515	OBS		UNK	:19	S	
DEC 19	353:20:40	3A-161	515	02B-5	10	04	:19	S	
DEC 19	353:20:48	3B-127-4	515	02B-5	11	04	0:10	S	
DEC 19	353:20:49	3B-127-5	515	02B-5	11	04	0:02.7S		
DEC 20	354:01:46	3B-127-6	518	OBS		UNK	: 2.7S		
DEC 20	354:01:46	3B-127-7	518	OBS		UNK	:10	S	
DEC 20	354:01:46	3B-127-8	518	OBS		UNK	:41	S	
DEC 20	354:01:55	3B-128-1	518	OBS		UNK	: 2.5S		
DEC 20	354:01:55	3B-128-2	518	OBS		UNK	:10	S	
DEC 20	354:01:55	3B-128-3	518	OBS		UNK	:41	S	
DEC 20	354:13:34	3A-162	526	06 -1	01A	SC	1:00	L	
DEC 20	354:13:36	3A-163	526	06 -1	01A	SC	:20	S	
DEC 20	354:14:08	3B-128-4	526	SGL		LB1	1:15	S	
DEC 20	354:14:11	3B-128-5	526	SGL		LB2	1:15	S	
DEC 20	354:14:17	3B-128-6	526	OBS		UNK	0:02.5S		
DEC 20	354:14:18	3B-128-7	526	OBS		UNK	0:10	S	
DEC 20	354:14:18	3B-128-8	526	OBS		UNK	:41	S	
DEC 20	354:14:20	3B-129-1	526	OBS		UNK	0:02.5S		

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
DEC 20	354:14:20	3B-129-2	526	OBS		UNK	0:10	S	
DEC 20	354:14:20	3B-129-3	526	OBS		UNK	:41	S	
DEC 20	354:15:18	3A-164	527	01D-1	28	LB3	:19	S	
DEC 20	354:16:57	3A-165	528	OBS		SC	:20	S	— Filament: Roll 0000; R/L 000; U/D 000
DEC 20	354:18:42	3B-129-4	529	OBS		00	: 2.7	S	
DEC 20	354:18:46	3B-129-5	529	OBS		00	: 2.3	S	
DEC 20	354:18:50	3B-129-6	529	OBS		00	: 2.7	S	
DEC 20	354:18:54	3B-129-7	529	OBS		00	: 2.7	S	
DEC 20	354:18:58	3B-129-8	529	OBS		00	: 2.7	S	
DEC 20	354:19:02	3B-130-1	529	OBS		00	: 2.6	S	
DEC 20	354:20:02	3A-166	530	02A-3	36	00	:20	S	
DEC 20	354:22:53	3A-167	532	03A	09	SC	:13	S	— Pre-flare Exposure: Roll -5399; R/L +085; U/D -001
DEC 21	355:02:21	3A-168	534	06 -1	01A	SC	:59	L	
DEC 21	355:02:23	3A-169	534	06 -1	01A	SC	:19	S	
DEC 21	355:12:55	3A-170	541	OBS		SC	:09	S	— Filament: Roll 0000; R/L +089; U/D 000
DEC 21	355:14:26	3A-171	542	06 -1	01A	SC	:59	S	
DEC 21	355:14:28	3A-172	542	06 -1	01A	SC	:10	S	
DEC 21	355:15:54	3B-130-2	543	18D	30	K	: 5.6	S	┌Guard Exposure
DEC 21	355:16:15	3B-130-3	543	18D	30	K	4:00	L	│
DEC 21	355:16:20	3B-130-4	543	18D	30	K	12:00	L	├ Kohoutek Study
DEC 21	355:17:29	3B-130-5	544	18D	30	K	10:00	S	│
DEC 21	355:17:39	3B-130-6	544	18D	30	K	26:50	S	│
DEC 21	355:18:41	3B-130-7	544	18D	30	K	: 6	S	└Guard Exposure
DEC 21	355:19:18	3A-173	545	OBS		SC	:09	S	— Filament: Roll 0000; R/L +084; U/D 000
DEC 21	355:21:22	3A-174	546	02A-1	04	00	:09	S	
DEC 21	355:22:35	3B-130-8	547	02A-3	36	00	: 2.7	S	
DEC 21	355:22:35	3B-131-1	547	02A-3	36	00	0:10	S	
DEC 21	355:22:35	3B-131-2	547	02A-3	36	00	:41	S	
DEC 21	355:22:41	3A-175	547	02A-3	36	00	:09	S	
DEC 22	356:00:22	3A-176	548	S10		UNK	:19	S	
DEC 22	356:00:22	3B-131-3	548	S10		00	5:16	S	
DEC 22	356:01:18	3A-177	549	06 -1	01A	SC	:59	L	
DEC 22	356:01:20	3A-178	549	06 -1	01A	SC	:10	S	
DEC 22	356:01:54	3B-131-4	549	26 -9	10	00	: 2.7	S	
DEC 22	356:01:54	3B-131-5	549	26 -9	10	00	:10	S	
DEC 22	356:01:55	3B-131-6	549	26 -9	10	00	:41	S	
DEC 22	356:01:59	3B-131-7	549	26 -9	10	00	: 2.5	S	
DEC 22	356:01:59	3B-131-8	549	26 -9	10	00	:10	S	
DEC 22	356:01:59	3B-132-1	549	26 -9	10	00	:41	S	
DEC 22	356:02:03	3B-132-2	549	26 -9	10	00	: 2.7	S	
DEC 22	356:02:03	3B-132-3	549	26 -9	10	00	:10	S	
DEC 22	356:02:03	3B-132-4	549	26 -9	10	00	:41	S	
DEC 22	356:02:05	3B-132-5	549	26 -9	10	00	: 2.5	S	
DEC 22	356:02:05	3B-132-6	549	26 -9	10	00	:10	S	
DEC 22	356:02:05	3B-132-7	549	26 -9	10	00	:41	S	
DEC 22	356:13:52	3A-179	557	06 -1	01A	SC	1:00	L	
DEC 22	356:13:53	3A-180	557	06 -1	01A	SC	:20	S	
DEC 22	356:14:25	3B-132-8	557	24 -1	27	LB1	1:15	S	— +5 $\widehat{\text{sec}}$ Limb Study: Roll +0001; R/L -906; U/D +013
DEC 22	356:14:29	3B-133-1	557	24 -1	27	LB2	1:15	S	— +6 $\widehat{\text{sec}}$ Limb Study: Roll +0001; R/L +1079; U/D +040
DEC 22	356:15:20	3A-181	558	SGL		SC	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 22	356:17:12	3A-182	559	SGL		SC	:09	S	
DEC 22	356:18:27	3A-183	560	SGL		SC	:10	S	
DEC 22	356:20:10	3A-184	561	SGL		SC	:10	S	
DEC 22	356:21:33	3A-185	562	SGL		SC	:10	S	
DEC 22	356:23:12	3A-186	563	SGL		SC	:09	S	
DEC 23	357:02:15	3A-187	565	06 -1	01A	SC	:59	L	
DEC 23	357:02:16	3A-188	565	06 -1	01A	SC	:19	S	
DEC 23	357:13:08	3A-189	572	SGL		SC	:01.5	S	
DEC 23	357:13:08	3B-133-2	572	06 -1	01A	SC	44:00	S	
DEC 23	357:13:14	3A-190	572	06 -1	01A	SC	1:00	L	
DEC 23	357:13:17	3A-191	572	06 -1	01A	SC	:19	S	
DEC 23	357:16:38	3A-192	574	SGL		SC	:10	S	
DEC 23	357:19:07	3B-133-3	576	18	30	K	0:06	S	Guard Exposure
DEC 23	357:19:11	3B-133-4	576	18	30	K	15:04	S	
DEC 23	357:19:34	3B-133-5	576	18	30	K	1:00	L	
DEC 23	357:19:36	3B-133-6	576	18	30	K	5:00	L	
DEC 23	357:19:41	3B-133-7	576	18	30	K	19:27	L	Kohoutek Study
DEC 23	357:20:49	3B-133-8	577	18	30	K	0:54	L	
DEC 23	357:20:50	3B-134-1	577	18	30	K	5:00	S	
DEC 23	357:20:56	3B-134-2	577	18	30	K	18:00	S	
DEC 23	357:21:21	3B-134-3	577	18	30	K	12:12	S	
DEC 23	357:21:51	3B-134-4	577	18	30	K	0:06	S	Guard Exposure
DEC 24	358:01:45	3A-193	580	06 -1	01A	SC	1:00	L	
DEC 24	358:01:47	3A-194	580	06 -1	01A	SC	:09	S	
DEC 24	358:14:11	3A-195	588	06 -1	01A	SC	:59	L	
DEC 24	358:14:13	3A-196	588	06 -1	01A	SC	:19	S	
DEC 24	358:15:59	3B-134-5	589	14 -3	31	LB1	:59	S	
DEC 24	358:16:03	3B-134-6	589	14 -5	31	LB1	:59	S	
DEC 24	358:16:16	3B-134-7	589	14 -5	31	LB1	1:05	S	
DEC 24	358:17:26	3A-197	590	SGL		SC	:09	S	
DEC 24	358:17:41	3B-134-8	590	14 -2	31	LB2	:50	L	
DEC 24	358:17:43	3B-135-1	590	14 -3	31	LB2	:29	L	
DEC 24	358:17:46	3A-198	590	14 -7	31	SC	:19	S	
DEC 24	358:17:48	3A-199	590	14 -7	31	SC	:59	L	
DEC 24	358:18:32	3B-135-2	591	18	30	K	: 6.7	S	Guard Exposure
DEC 24	358:18:33	3B-135-3	591	18	30	K	25:00	S	
DEC 24	358:19:02	3B-135-4	591	18	30	K	1:00	L	
DEC 24	358:19:03	3B-135-5	591	18	30	K	5:00	L	
DEC 24	358:19:08	3B-135-6	591	18	30	K	12:30	S	Kohoutek Study
DEC 24	358:20:08	3B-135-7	592	18	30	K	45:00	L	
DEC 24	358:20:53	3B-135-8	592	18	30	K	:19	L	
DEC 24	358:20:53	3B-136-1	592	18	30	K	: 4.3	S	Guard Exposure
DEC 25	359:01:14	3A-200	595	06 -1	01A	SC	1:00	L	
DEC 25	359:01:15	3A-201	595	06 -1	01A	SC	:19	S	
DEC 25	359:20:08	3A-301	607	EVA		UNK	:03.5	S	Camera Checkout Exposure (A005)
DEC 26	360:05:15	3A-302	613	06 -1	01A	SC	1:02	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
DEC 26	360:05:16	3A-303	613	06 -1	01A	SC	:20	S	
DEC 26	360:17:24	3A-304	621	SGL		SC	:09	S	
DEC 27	361:02:39	3A-305	627	06 -1	01A	SC	:59	L	
DEC 27	361:02:41	3A-306	627	06 -1	01A	SC	:19	S	
DEC 27	361:13:42	3A-307	634	18A-2	30	K	3:59	L	Kohoutek Study
DEC 27	361:13:47	3A-308	634	18A-2	30	K	27:11	L	
DEC 27	361:15:15	3A-309	635	18A-1	30	K	31:59	S	
DEC 27	361:15:15	3B-136-2	635	18A-2	30	K	32:00	S	
DEC 27	361:16:46	3A-310	636	18A-2	30	K	10:00	S	
DEC 27	361:16:46	3B-136-3	636	18A-2	30	K	10:00	S	
DEC 27	361:16:57	3A-311	636	18A-2	30	K	23:49	L	
DEC 27	361:16:57	3B-136-4	636	18A-2	30	K	23:49	S	
DEC 28	362:01:55	3A-312	642	06 -1	01A	SC	:59	L	
DEC 28	362:01:56	3A-313	642	06 -1	01A	SC	:20	S	
DEC 28	362:02:45	3B-136-5	645	S	30	K	: 5.3	S	Guard Exposure
DEC 28	362:14:29	3A-314	650	06 -1	01A	SC	:59	L	
DEC 28	362:14:32	3A-315	650	06 -1	01A	SC	:19	S	
DEC 28	362:16:00	3B-136-6	651	24 -1	14	00	36:00	S	+40 $\widehat{\text{sec}}$ Limb Study: Roll +1399; R/L +1120; U/D +046
DEC 28	362:19:32	3A-316	653	SGL		SC	:10	S	
DEC 28	362:23:40	3B-136-7	656	18C-7	30A	K	: 5.3	S	Guard Exposure
DEC 28	362:23:41	3B-136-8	656	18C-7	30A	K	20:04	S	Kohoutek Study
DEC 29	363:00:11	3B-137-1	656	18C-7	30B	K	2:59	S	
DEC 29	363:00:14	3B-137-2	656	18C-7	30B	K	12:50	S	
DEC 29	363:01:23	3B-137-3	657	18C	30C	K	: 5.7	L	
DEC 29	363:01:24	3B-137-4	657	18C	30C	K	:20	L	
DEC 29	363:01:25	3B-137-5	657	18C	30C	K	1:40	L	
DEC 29	363:01:27	3B-137-6	657	18C	30C	K	7:59	L	
DEC 29	363:01:35	3B-137-7	657	18C	30C	K	20:34	L	
DEC 29	363:03:05	3B-137-8	658	18C	30	K	22:00	L	
DEC 29	363:03:27	3B-138-1	658	18C	30	K	: 0.2	L	Guard Exposure
DEC 29	363:03:27	3B-138-2	658	18C	30	K	2:12	L	
DEC 29	363:13:36	3A-317	665	06 -1	01A	SC	:59	L	
DEC 29	363:13:37	3A-318	665	06 -1	01A	SC	:19	S	
DEC 29	363:14:12	3B-138-3	665	02C-6	28	00	4:59	S	+10 $\widehat{\text{sec}}$ Limb Study: Roll +1213/+1474; R/L +1091; U/D +041
DEC 29	363:14:18	3B-138-4	665	02C-6	28	00	5:00	S	
DEC 30	364:02:02	3B-138-5	673	18D	30A	K	: 9.5	S	Guard Exposure
DEC 30	364:02:02	3B-138-6	673	18D	30A	K	12:00	S	Kohoutek Study
DEC 30	364:02:24	3B-138-7	673	18D	30A	K	1:00	L	
DEC 30	364:02:26	3B-138-8	673	18D	30A	K	4:59	L	
DEC 30	364:02:31	3B-139-1	673	18D	30A	K	15:00	L	
DEC 30	364:02:46	3B-139-2	673	18D	30A	K	: 6	L	
DEC 30	364:02:46	3B-139-3	673	18D	30A	K	6:15	S	
DEC 30	364:02:53	3B-139-4	673	18D	30A	K	: 5.8	S	Guard Exposure
DEC 30	364:13:07	3A-319	680	06 -1	01A	SC	:59	L	
DEC 30	364:13:09	3A-320	680	06 -1	01A	SC	:19	S	
DEC 30	364:13:14	3A-321	680	06 -1	01A	SC	:59	L	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	AB	TGT	EXP	WVL	
DEC 30	364:13:16	3A-322	680	06 -1	01A	SC	:19	S	
DEC 30	364:14:35	3B-139-5	681	18D	30	KN	: 5	S	Error - ATM Sun Shield not open
DEC 30	364:14:35	3B-139-6	681	18D	30	KN	:59	S	
DEC 30	364:14:36	3B-139-7	681	18D	30	KN	6:00	S	
DEC 30	364:14:43	3B-139-8	681	18D	30	KN	: 0.3	S	
DEC 30	364:15:09	3B-140-1	681	18D	30	KN	8:54	S	Kohoutek Nucleus
DEC 30	364:16:07	3B-140-2	682	18D	30	KT	6:00	S	Kohoutek Tail
DEC 30	364:16:13	3B-140-3	682	18D	30	KT	: 0.3	S	
DEC 30	364:16:23	3B-140-4	682	18D	30	KT	28:02	S	
DEC 30	364:17:38	3B-140-5	683	18D	30	KC	6:00	S	Kohoutek Coma
DEC 30	364:17:45	3B-140-6	683	18D	30	KC	27:59	S	
DEC 30	364:22:26	3B-140-7	686	18D	30	KT	37:29	S	Kohoutek Tail
DEC 31	365:00:00	3B-140-8	687	18D	30	KC	1:32	L	Kohoutek Coma
DEC 31	365:00:02	3B-141-1	687	18D	30	KC	7:59	L	
DEC 31	365:00:22	3B-141-2	687	18D	30	KC	5:00	L	
DEC 31	365:00:27	3B-141-3	687	18D	30	KC	8:57	S	
DEC 31	365:00:41	3B-141-4	687	18D	30	KC	: 0.3	S	
DEC 31	365:01:53	3B-141-5	688	04A-4	28	P59	15:22	S	Guard Exposure
DEC 31	365:15:25	3B-141-6	697	18D	30	KT	: 5.5	L	Guard Exposure
DEC 31	365:15:26	3B-141-7	697	18D	30	KT	:19	L	Kohoutek Tail: 1.5 min anti-solar
DEC 31	365:15:26	3B-141-8	697	18D	30	KT	1:19	L	
DEC 31	365:15:28	3B-142-1	697	18D	30	KT	6:00	L	
DEC 31	365:15:34	3B-142-2	697	18D	30	KT	35:25	L	
DEC 31	365:16:58	3B-142-3	698	18D	30	KT	:19	L	Kohoutek Tail: S082B slit perpendicular to velocity vector
DEC 31	365:16:59	3B-142-4	698	18D	30	KT	1:19	L	
DEC 31	365:17:00	3B-142-5	698	18D	30	KT	6:00	L	
DEC 31	365:17:07	3B-142-6	698	18D	30	KT	: 0.3	L	
DEC 31	365:17:07	3B-142-7	698	18D	30	KT	35:56	L	
DEC 31	365:18:29	3B-142-8	699	18D	30	KC	37:32	S	Kohoutek Coma
DEC 31	365:19:15	3B-143-1	699	18D	30	UNK	: 5.7	S	Guard Exposure
DEC 31	365:21:43	3A-323	701	01D-1	10	NP	:30	S	Polar Plume (spicules at north pole)
DEC 31	365:21:44	3B-143-2	701	01D-1	10	NP	1:00	S	
DEC 31	365:21:46	3B-143-3	701	01D-1	10	NP	1:00	S	
DEC 31	365:21:50	3A-324	701	01D-1	10	NP	:29	S	
DEC 31	365:21:51	3B-143-4	701	01D-1	10	NP	1:00	S	
DEC 31	365:21:52	3B-143-5	701	01D-1	10	NP	1:00	S	
DEC 31	365:23:17	3B-143-6	702	18D	30B	KN	: 4.6	S	Guard Exposure
DEC 31	365:23:17	3B-143-7	702	18D	30B	KN	:59	S	Kohoutek Nucleus
DEC 31	365:23:19	3B-143-8	702	18D	30B	KN	7:59	S	
DEC 31	365:23:27	3B-144-1	702	18D	30B	KN	29:25	S	
JAN 1	1:00:11	3B-144-2	702	18D	30B	KN	: 5.5	S	Guard Exposure
JAN 1	1:01:00	3B-144-3	703	04A-4	37	P61	5:10	S	
JAN 1	1:01:06	3B-144-4	703	04A-4	37	P61	21:31	S	
JAN 1	1:02:13	3A-325	704	06 -1	01A	SC	:59	L	Synoptic: Roll 0000
JAN 1	1:02:14	3A-326	704	06 -1	01A	SC	:19	S	
JAN 1	1:14:40	3A-327	712	06 -1	01A	SC	:59	L	
JAN 1	1:14:42	3A-328	712	06 -1	01A	SC	:19	S	
JAN 1	1:20:53	3B-144-5	716	04A-4	28	P61	5:00	S	Guard Exposure
JAN 1	1:20:59	3B-144-6	716	04A-4	28	P61	39:55	S	
JAN 1	1:22:30	3B-144-7	717	18D	30	K	: 6.3	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL	
JAN 1	1:22:30	3B-144-8	717	18D	30	K	25:00	S	Kohoutek Study
JAN 1	1:22:59	3B-145-1	717	18D	30	K	3:00	S	
JAN 1	1:23:02	3B-145-2	717	18D	30	K	: 1	S	
JAN 1	1:23:02	3B-145-3	717	18D	30	K	13:31	S	
JAN 2	2:00:00	3B-145-4	718	18D	30	K	0:25	L	
JAN 2	2:00:00	3B-145-5	718	18D	30	K	1:27	L	
JAN 2	2:00:02	3B-145-6	718	18D	30	K	8:00	L	
JAN 2	2:00:10	3B-145-7	718	18D	30	K	27:30	L	
JAN 2	2:00:41	3B-145-8	718	18D	30	K	: 5.5	S	Guard Exposure
JAN 2	2:02:12	3A-329	719	06 -1	01B	12	:19	S	
JAN 2	2:15:29	3A-330	728	06 -1	01A	SC	1:00	L	
JAN 2	2:15:30	3A-331	728	06 -1	01A	SC	:19	S	
JAN 2	2:15:59	3B-146-1	728	05 -4	39	QL	5:00	S	
JAN 2	2:16:04	3B-146-2	728	05 -4	39	QL	: 0.3	S	
JAN 2	2:16:04	3B-146-3	728	05 -4	39	QL	13:45	S	
JAN 3	3:13:16	3A-332	742	06 -1	01A	SC	:59	L	
JAN 3	3:13:17	3A-333	742	06 -1	01A	SC	:19	S	
JAN 3	3:14:57	3B-146-4	743	15B-4	37	LB3	14:08	S	+12 $\overset{\frown}{\text{sec}}$ Limb Study: Roll +1301; R/L -906; U/D +010
JAN 3	3:15:12	3B-146-5	743	15B-4	37	LB3	:40	S	
JAN 3	3:15:13	3B-146-6	743	15B-4	37	LB3	2:39	S	
JAN 3	3:16:41	3B-146-7	744	15B-4	37	LB4	16:00	S	+20 $\overset{\frown}{\text{sec}}$ Limb Study: Roll +1300; R/L -914; U/D +016
JAN 3	3:16:58	3B-146-8	744	15B-4	37	LB4	3:59	S	
JAN 3	3:17:02	3B-147-1	744	15B-4	37	LB4	:59	S	
JAN 3	3:18:35	3A-334	745	07 -2	15	SC	:59	S	
JAN 3	3:20:41	3B-147-2	747	18D	30	K	0:05	S	Guard Exposure
JAN 3	3:21:09	3B-147-3	747	18D	30	K	25:00	S	Kohoutek Study
JAN 3	3:21:39	3B-147-4	747	18D	30	K	14:49	S	
JAN 3	3:22:45	3B-147-5	748	18D	30	K	1:00	L	
JAN 3	3:22:46	3B-147-6	748	18D	30	K	5:00	L	
JAN 3	3:22:52	3B-147-7	748	18D	30	K	24:00	L	
JAN 3	3:23:16	3B-147-8	748	18D	30	K	:20	L	
JAN 3	3:23:16	3B-148-1	748	18D	30	K	10:21	S	
JAN 3	3:23:27	3B-148-2	748	18D	30	K	0:05	S	Guard Exposure
JAN 4	4:12:32	3A-335	757	06 -1	01A	SC	:59	L	
JAN 4	4:12:33	3A-336	757	06 -1	01A	SC	:20	S	
JAN 4	4:15:39	3A-337	760	OBS		SC	:29	S	(Start) Roll -5344; R/L -903; U/D -003
JAN 4	4:15:45	3B-148-3	759	S		SP	22:02	S	
JAN 4	4:16:09	3B-148-4	759	01D-1		SP	:58	S	
JAN 4	4:16:10	3B-148-5	759	01D-1		SP	:59	S	
JAN 4	4:16:11	3B-148-6	759	01D-1		SP	:59	S	
JAN 4	4:16:12	3B-148-7	759	01D-1		SP	:59	S	Spicule Study at South Pole
JAN 4	4:16:13	3B-148-8	759	01D-1		SP	:59	S	
JAN 4	4:16:14	3B-149-1	759	01D-1		SP	:59	S	Roll 0000; R/L +049; U/D -989
JAN 4	4:16:15	3B-149-2	759	01D-1		SP	:59	S	
JAN 4	4:16:16	3B-149-3	759	01D-1		SP	:59	S	
JAN 4	4:16:17	3B-149-4	759	01D-1		SP	1:00	S	
JAN 4	4:16:18	3B-149-5	759	01D-1		SP	:59	S	
JAN 4	4:16:19	3B-149-6	759	01D-1		SP	:59	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JAN 4	4:16:20	3B-149-7	759	01D-1		SP	:59	S	
JAN 4	4:16:21	3B-149-8	759	01D-1		SP	:59	S	
JAN 4	4:16:22	3B-150-1	759	01D-1		SP	:59	S	
JAN 4	4:16:23	3B-150-2	759	01D-1		SP	:59	S	
JAN 4	4:17:14	3B-150-3	760	15B-4	37	SP	19:00	S	+20 sec: Roll -5400; R/L -911; U/D +003
JAN 4	4:17:33	3B-150-4	760	15B-4	37	SP	4:00	S	
JAN 4	4:17:38	3B-150-5	760	15B-4	37	SP	:59	S	
JAN 4	4:17:45	3B-150-6	760	15B-4	28	SP	:41	S	
JAN 4	4:17:46	3B-150-7	760	15B-4	28	SP	2:43	S	
JAN 4	4:17:48	3B-150-8	760	15B-4	28	SP	10:52	S	+8 sec: Roll -5385; R/L -901; U/D -013
JAN 4	4:22:13	3B-151-1	763	15B-4	37	SP	13:51	S	
JAN 4	4:22:27	3B-151-2	763	15B-4	37	SP	2:59	S	End
JAN 5	5:12:07	3A-338	772	06 -1	01A	SC	:59	L	
JAN 5	5:12:08	3A-339	772	06 -1	01A	SC	:19	S	
JAN 5	5:13:42	3B-151-3	773	S03		LB	:41	S	
JAN 5	5:13:42	3B-151-4	773	S03		LB	2:43	S	+30 sec Surge at southeast limb: Roll -7192; R/L +105; U/D +1038
JAN 5	5:13:45	3B-151-5	773	S03		LB	10:52	S	NOTE: Pointing changed to R/L +109 and U/D +1034 during one of
JAN 5	5:14:00	3B-151-6	773	S03		LB	0:41	S	the exposures. Background for surge: Roll -7341;
JAN 5	5:14:01	3B-151-7	773	S03		LB	2:43	S	R/L +108; U/D +1034
JAN 5	5:14:04	3B-151-8	773	S03		LB	9:24	S	
JAN 5	5:14:47	3B-152-1	774	18D	30	KN	: 5.2	S	Guard Exposure
JAN 5	5:15:16	3B-152-2	774	18D	30	KN	16:53	S	
JAN 5	5:15:33	3B-152-3	774	18D	30	KN	3:03	L	
JAN 5	5:15:36	3B-152-4	774	18D	30	KN	16:51	L	Kohoutek Nucleus
JAN 5	5:15:53	3B-152-5	774	18D	30	KN	: 6.5	S	
JAN 5	5:17:00	3B-152-6	775	S03		15	:41	S	Guard Exposure
JAN 5	5:17:01	3B-152-7	775	S03		15	2:43	S	+15 sec Limb Study (AR15): Roll +4055; R/L +106; U/D -1000
JAN 5	5:17:03	3B-152-8	775	S03		15	10:52	S	
JAN 5	5:18:09	3B-153-1	776	S03		15	0:41	S	
JAN 5	5:18:10	3B-153-2	776	S03		15	2:43	S	Background for AR15: Roll +3885; R/L +106; U/D -1000
JAN 5	5:18:13	3B-153-3	776	S03		15	10:53	S	
JAN 5	5:18:42	3B-153-4	776	S11		15	10:00	S	+50 to +60 sec, coronal loop over AR15 (viewed in XUV Monitor):
JAN 5	5:19:38	3A-340	777	26 -1	28	SC	1:20	L	Roll -6916; R/L +133; U/D +1045
JAN 5	5:21:27	3B-153-5	778	26 -9	10	LB6	28:59	S	Long exposure with shutter open for various pointings for S055 Experiment: Roll +900; R/L -1128; U/D changing from +005 to +875
JAN 6	6:14:18	3A-341	789	06 -1	01A	SC	1:00	L	
JAN 6	6:14:19	3A-342	789	06 -1	01A	SC	:19	S	
JAN 6	6:14:50	3B-153-6	789	02C-6	28	15	:41	S	Start
JAN 6	6:14:51	3B-153-7	789	02C-6	28	15	2:43	S	+8 sec: Roll -1202; R/L -904; U/D +003
JAN 6	6:14:53	3B-153-8	789	02C-6	28	15	10:55	S	
JAN 6	6:15:53	3B-154-1	790	02C-6	28	15	:41	S	+20 sec: Roll -1202; R/L -914; U/D -010
JAN 6	6:15:54	3B-154-2	790	02C-6	28	15	2:43	S	
JAN 6	6:15:57	3B-154-3	790	02C-6	28	15	10:52	S	Limb Scan over AR15
JAN 6	6:16:10	3B-154-4	790	02C-4	37	15	20:00	S	
JAN 6	6:16:31	3B-154-5	790	02C-4	37	15	3:59	S	+30 sec: Roll -1195; R/L -914; U/D -010
JAN 6	6:16:36	3B-154-6	790	S04	13	15	:59	S	End
JAN 6	6:23:18	3B-154-7	795	18D	30	K	: 5.2	S	Guard Exposure
JAN 6	6:23:44	3B-154-8	795	18D	30	K	19:59	L	
									Kohoutek Nucleus: Pointing from Venus
JAN 7	7:00:04	3B-155-1	795	18D	30	K	29:07	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JAN 7	7:01:13	3B-155-2	796	18D	30	K	56:30	S	Guard Exposure
JAN 7	7:02:06	3B-155-3	796	18D	30	K	0:05	S	
JAN 7	7:02:59	3B-155-4	797	S03		16	:41	S	Start
JAN 7	7:03:00	3B-155-5	797	S03		16	2:43	S	Roll -5810; R/L +066; U/D +1056
JAN 7	7:03:02	3B-155-6	797	S03		16	10:51	S	Limb Surging (AR16)
JAN 7	7:12:30	3B-155-7	803	S03		16	:41	S	Roll -833; R/L -953; U/D +004
JAN 7	7:12:30	3B-155-8	803	S03		16	2:43	S	
JAN 7	7:12:33	3B-156-1	803	S03		16	9:22	S	End
JAN 7	7:13:37	3A-343	804	06 -1	01A	SC	1:03	L	
JAN 7	7:13:38	3A-344	804	06 -1	01A	SC	:19	S	
JAN 7	7:19:55	3B-156-2	808	02C-6	28	15	:41	S	+4 $\widehat{\text{sec}}$ Limb Study: Roll -1200; R/L -900; U/D +014
JAN 7	7:19:56	3B-156-3	808	02C-6	28	15	2:42	S	
JAN 7	7:19:58	3B-156-4	808	02C-6	28	15	10:52	S	
JAN 7	7:20:14	3B-156-5	808	02C-6	28	LB1	:41	S	+4 $\widehat{\text{sec}}$ Left Limb Study: Roll -2400; R/L -900; U/D +014
JAN 7	7:20:15	3B-156-6	808	02C-6	28	LB1	2:43	S	
JAN 7	7:20:17	3B-156-7	808	02C-6	28	LB1	8:58	S	
JAN 7	7:20:29	3B-156-8	808	12C-1		QR1	: 2.7	S	Calibration: Roll 0000; R/L 000; U/D +500
JAN 7	7:20:30	3B-157-1	808	12C-1		QR1	0:10	S	
JAN 7	7:20:30	3B-157-2	808	12C-1		QR1	:41	S	
JAN 8	8:13:06	3A-345	819	06 -1	01A	SC	1:01	L	
JAN 8	8:13:07	3A-346	819	06 -1	01A	SC	:19	S	
JAN 8	8:19:34	3B-157-3	823	04A-4	11	P64	1:24	S	
JAN 8	8:19:36	3B-157-4	823	04A-4	11	P64	5:00	S	
JAN 8	8:19:41	3B-157-5	823	04A-4	28	P64	14:03	S	
JAN 8	8:20:39	3B-157-6	824	04A-4	11	P64	1:25	L	
JAN 8	8:20:41	3B-157-7	824	04A-4	11	P64	5:00	L	
JAN 8	8:20:47	3B-157-8	824	04A-4	28	P64	5:00	L	Exposure truncated due to gyro hitting gimbal stops and closing
JAN 8	8:21:15	3B-158-1	824	02C-6	28	LB1	:41	S	ATM Sun Shields
JAN 8	8:21:16	3B-158-2	824	02C-6	28	LB1	2:43	S	+4 $\widehat{\text{sec}}$ Limb Study (Quiet Region): Roll -2399; R/L -900; U/D +041
JAN 8	8:21:18	3B-158-3	824	02C-6	28	LB1	10:29	S	
JAN 8	8:23:48	3B-158-4	826	02C-6	37	LB5	17:00	S	+20 $\widehat{\text{sec}}$ Limb Study (Quiet Region): Roll -2400; R/L -915; U/D +001
JAN 9	9:00:05	3B-158-5	826	02C-6	37	LB5	5:00	S	
JAN 9	9:00:10	3B-158-6	826	02C-6	37	LB5	1:19	S	
JAN 9	9:12:14	3A-347	834	06 -1	01A	SC	:59	L	
JAN 9	9:12:15	3A-348	834	06 -1	01A	SC	:20	S	
JAN 9	9:18:41	3B-158-7	838	OBS		LB	19:59	S	
JAN 9	9:23:13	3B-158-8	841	OBS		LB	5:20	S	
JAN 9	9:23:28	3B-159-1	841	OBS		LB	:41	S	
JAN 10	10:00:56	3A-349	842	06 -1	01A	SC	1:00	L	
JAN 10	10:00:57	3A-350	842	06 -1	01A	SC	:19	S	
JAN 10	10:14:45	3A-351	851	SGL		SC	1:19	L	
JAN 10	10:16:28	3B-159-2	852	OBS		LB	:41	S	
JAN 10	10:16:29	3B-159-3	852	OBS		LB	2:43	S	
JAN 10	10:16:31	3B-159-4	852	OBS		LB	10:52	S	
JAN 10	10:18:04	3B-159-5	853	OBS		LB	18:24	S	
JAN 10	10:19:25	3A-352	854	OBS		SC	:20	S	
JAN 10	10:22:23	3A-353	856	06 -1	01A	SC	1:00	L	
JAN 10	10:22:24	3A-354	856	06 -1	01A	SC	:19	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
JAN 11	11:13:57	3A-355	866	06 -1	01A	SC	1:00	L
JAN 11	11:13:59	3A-356	866	06 -1	01A	SC	:20	S
JAN 11	11:14:31	3B-159-6	866	S03		LB	2:39	S
JAN 11	11:14:36	3B-159-7	866	S03		LB	2:39	S
JAN 11	11:14:41	3B-159-8	866	12C-1	26	QR1	:10	S
JAN 11	11:14:42	3B-160-1	866	12C-1	26	QR1	:41	S
JAN 11	11:14:42	3B-160-2	866	12C-1	26	QR1	2:43	S
JAN 11	11:15:35	3B-160-3	867	02C-6	23	LB1	9:00	S
JAN 11	11:15:45	3B-160-4	867	02C-6	23	LB1	18:30	S
JAN 11	11:16:04	3B-160-5	867	02C-6	23	LB1	15:38	S
JAN 11	11:16:16	3A-357	867	02C-6	23	LB1	:19	S
JAN 11	11:20:26	3A-358	870	08	24	17	:20	S
JAN 11	11:20:26	3B-160-6	870	26 -9	10	LB5	: 2.7	S
JAN 11	11:20:26	3B-160-7	870	26 -9	10	LB5	:10	S
JAN 11	11:20:26	3B-160-8	870	26 -9	10	LB5	:41	S
JAN 11	11:20:28	3B-161-1	870	26 -9	10	LB6	: 2.7	S
JAN 11	11:20:28	3B-161-2	870	26 -9	10	LB6	:10	S
JAN 11	11:20:29	3B-161-3	870	26 -9	10	LB6	:41	S
JAN 11	11:21:48	3B-161-4	871	26 -2	10	LB8	:10	S
JAN 11	11:21:48	3B-161-5	871	26 -2	10	LB8	:41	S
JAN 11	11:21:49	3B-161-6	871	26 -2	10	LB8	2:43	S
JAN 11	11:21:55	3B-161-7	871	26 -2	10	LB9	:10	S
JAN 11	11:21:55	3B-161-8	871	26 -2	10	LB9	:41	S
JAN 11	11:21:56	3B-162-1	871	26 -2	10	LB9	2:43	S
JAN 11	11:22:02	3B-162-2	871	26 -2	28	LB0	:10	S
JAN 11	11:22:03	3B-162-3	871	26 -2	28	LB0	:41	S
JAN 11	11:22:03	3B-162-4	871	26 -2	28	LB0	2:43	S
JAN 11	11:22:06	3B-162-5	871	26 -2	28	LB0	10:52	S
JAN 12	12:00:49	3A-359	873	06 -1	01A	SC	:59	L
JAN 12	12:00:50	3A-360	873	06 -1	01A	SC	:19	S
JAN 12	12:19:29	3A-361	885	06 -2	02	SC	:40	S
JAN 12	12:19:42	3B-162-6	885	04A	33	P76	:10	S
JAN 12	12:19:43	3B-162-7	885	04A	33	P76	:41	S
JAN 12	12:19:43	3B-162-8	885	04A	33	P76	2:43	S
JAN 12	12:19:47	3B-163-1	885	04A	37	P76	4:00	S
JAN 12	12:19:51	3B-163-2	885	04A	37	P76	14:00	S
JAN 12	12:20:07	3B-163-3	885	04A	37	P76	2:00	L
JAN 12	12:20:10	3B-163-4	885	04A	37	P76	8:00	L
JAN 12	12:21:10	3B-163-5	886	04A-4	37	P76	4:04	S
JAN 12	12:21:15	3B-163-6	886	04A-4	37	P76	14:00	S
JAN 12	12:21:29	3B-163-7	886	04A-4	37	P76	3:19	S
JAN 12	12:21:33	3B-163-8	886	04A-4	37	P76	5:31	S
JAN 12	12:22:42	3B-164-1	887	04A-2	33	P76	:10	S
JAN 12	12:22:42	3B-164-2	887	04A-2	33	P76	:41	S
JAN 12	12:22:43	3B-164-3	887	04A-2	33	P76	2:42	S
JAN 12	12:22:46	3B-164-4	887	04A-4	37	P76	4:00	S
JAN 12	12:22:51	3B-164-5	887	04A-4	37	P76	14:00	S
JAN 12	12:23:05	3B-164-6	887	04A-4	37	P76	2:00	L
JAN 12	12:23:07	3B-164-7	887	04A-4	37	P76	8:00	L
JAN 12	12:23:25	3B-164-8	887	04A-4	37	P76	: 2.7	S
JAN 12	12:23:25	3B-165-1	887	04A-4	37	P76	:10	S
JAN 12	12:23:25	3B-165-2	887	04A-4	37	P76	:41	S

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BB	TGT	EXP	WVL
JAN 13	13:00:08	3A-362	888	06 -1	01A	SC	:59	L
JAN 13	13:00:10	3A-363	888	06 -1	01A	SC	:20	S
JAN 13	13:14:06	3A-364	897	06 -1	01A	SC	:59	L
JAN 13	13:14:07	3A-365	897	06 -1	01A	SC	:19	S
JAN 13	13:14:40	3B-165-3	897	S		20	: 2.7	S
JAN 13	13:14:40	3B-165-4	897	S		20	:10	S
JAN 13	13:14:40	3B-165-5	897	S		20	:41	S
JAN 13	13:14:54	3B-165-6	897	S		20	: 2.7	S
JAN 13	13:14:54	3B-165-7	897	S		20	:10	S
JAN 13	13:14:54	3B-165-8	897	S		20	:41	S
JAN 13	13:16:00	3B-166-1	898	S		20	: 2.7	S
JAN 13	13:16:01	3B-166-2	898	S		20	:10	S
JAN 13	13:16:01	3B-166-3	898	S		20	:41	S
JAN 13	13:16:05	3B-166-4	898	S		20	: 2.7	S
JAN 13	13:16:05	3B-166-5	898	S		20	:10	S
JAN 13	13:16:05	3B-166-6	898	S		20	:41	S
JAN 13	13:16:20	3A-366	898	S		20	:19	S
JAN 13	13:16:21	3B-166-7	898	S		17	: 2.7	S
JAN 13	13:16:21	3B-166-8	898	S		17	:10	S
JAN 13	13:16:22	3B-167-1	898	S		17	:41	S
JAN 13	13:20:35	3A-367	901	S		17	:40	S
JAN 13	13:20:46	3A-368	901	S		17	2:40	L
JAN 13	13:23:35	3B-167-2	903	27 -2	19	P76	:41	S
JAN 13	13:23:36	3B-167-3	903	27 -2	19	P76	2:43	S
JAN 13	13:23:39	3B-167-4	903	27 -2	19	P76	10:51	S
JAN 13	13:23:51	3B-167-5	903	27 -2	19	P76	:41	L
JAN 13	13:23:52	3B-167-6	903	27 -2	19	P76	2:43	L
JAN 13	13:23:55	3B-167-7	903	27 -2	19	P76	10:51	L
JAN 14	14:13:25	3A-369	912	06 -1	01A	SC	:59	L
JAN 14	14:13:26	3A-370	912	06 -1	01A	SC	:20	S
JAN 14	14:13:58	3B-167-8	912	04A-4	28	P76	:41	S
JAN 14	14:13:58	3B-168-1	912	04A-4	28	P76	2:43	S
JAN 14	14:14:01	3B-168-2	912	04A-4	28	P76	10:51	S
JAN 14	14:20:04	3B-168-3	916	26 -2	28	LB1	0:41	S
JAN 14	14:20:05	3B-168-4	916	26 -2	28	LB1	2:43	S
JAN 14	14:20:07	3B-168-5	916	26 -2	28	LB1	10:51	S
JAN 14	14:23:06	3B-168-6	918	02A-1	04	21	: 2.5	S
JAN 14	14:23:07	3B-168-7	918	02A-1	04	21	:10	S
JAN 14	14:23:07	3B-168-8	918	02A-1	04	21	:41	S
JAN 14	14:23:08	3B-169-1	918	02A-1	04	21	2:43	S
JAN 14	14:23:15	3B-169-2	918	02A-1	04	21	: 2.7	S
JAN 14	14:23:15	3B-169-3	918	02A-1	04	21	: 0.8	S
JAN 14	14:23:16	3B-169-4	918	02A-1	04	21	:10	S
JAN 14	14:23:16	3B-169-5	918	02A-1	04	21	:41	S
JAN 14	14:23:17	3B-169-6	918	02A-1	04	21	2:43	S
JAN 14	14:23:23	3B-169-7	918	02A-1	04	21	: 2.5	S
JAN 14	14:23:23	3B-169-8	918	02A-1	04	21	: 3.8	S
JAN 14	14:23:23	3B-170-1	918	02A-1	04	21	:10	S
JAN 14	14:23:23	3B-170-2	918	02A-1	04	21	:41	S
JAN 14	14:23:24	3B-170-3	918	02A-1	04	21	2:43	S

NOTE: S082B slit may not be pointed exactly on the prominence since pointing is by the S055 offset.

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JAN 15	15:12:47	3A-371	927	06 -1	01A	SC	:59	L	
JAN 15	15:12:48	3A-372	927	06 -1	01A	SC	:20	S	
JAN 15	15:13:17	3A-373	927	06 -1	01A	SC	:59	L	
JAN 15	15:13:18	3A-374	927	06 -1	01A	SC	:19	S	
JAN 15	15:13:32	3B-170-4	927	S		20	: 2.7	S	
JAN 15	15:13:32	3B-170-5	927	S		20	:10	S	
JAN 15	15:13:33	3B-170-6	927	S		20	:41	S	
JAN 15	15:13:40	3B-170-7	927	S		20	: 2.5	S	
JAN 15	15:13:40	3B-170-8	927	S		20	:10	S	
JAN 15	15:13:41	3B-171-1	927	S		20	:41	S	Start
JAN 15	15:14:25	3A-375	928	S		14	1:51	S	
JAN 15	15:14:25	3B-171-2	928	S		14	: 5	S	
JAN 15	15:14:25	3B-171-3	928	S		14	: 2.7	S	
JAN 15	15:14:25	3B-171-4	928	S		14	:10	S	Roll -229
JAN 15	15:14:25	3B-171-5	928	S		14	:41	S	
JAN 15	15:14:28	3A-376	928	S		14	:20	S	
JAN 15	15:14:42	3B-171-6	928	S		14	: 2.7	S	
JAN 15	15:14:42	3B-171-7	928	S		14	0:10	S	Roll -230
JAN 15	15:14:42	3B-171-8	928	S		14	0:41	S	
JAN 15	15:16:05	3B-172-1	929	S		14	: 2.5	S	End
JAN 15	15:16:05	3B-172-2	929	S		14	:10	S	
JAN 15	15:16:05	3B-172-3	929	S		14	:41	S	
JAN 15	15:19:37	3B-172-4	931	S		14	11:13	S	— Minor surge in AR14: Roll -340; R/L +1085; U/D +025
JAN 15	15:22:19	3A-377	933	12F-1	21A	CAL	:09	S	
JAN 15	15:22:19	3A-378	933	12F-1	21A	CAL	:20	S	
JAN 15	15:22:19	3A-379	933	12F-1	21A	CAL	:40	S	
JAN 15	15:22:21	3A-380	933	12F-1	21A	CAL	:29	L	
JAN 15	15:22:21	3A-381	933	12F-1	21A	CAL	:59	L	
JAN 15	15:22:23	3A-382	933	12F-1	21A	CAL	2:00	L	
JAN 15	15:22:23	3B-172-5	933	12F-1	21	16	: 2.7	S	
JAN 15	15:22:23	3B-172-6	933	12F-1	21	16	:10	S	
JAN 15	15:22:24	3B-172-7	933	12F-1	21	16	:41	S	Start
JAN 15	15:23:44	3B-172-8	934	12F-2	06	CAL	:41	S	
JAN 15	15:23:45	3B-173-1	934	12F-2	06	CAL	2:42	S	
JAN 15	15:23:47	3B-173-2	934	12F-2	06	CAL	10:51	S	-50 sec Left Limb
JAN 15	15:23:59	3B-173-3	934	12F-3		CAL	:10	S	(Near P76)
JAN 15	15:23:59	3B-173-4	934	12F-3		CAL	: 2.7	L	
JAN 15	15:23:59	3B-173-5	934	12F-3	06	CAL	:10	L	
JAN 16	16:00:02	3B-173-6	934	12F-2		CAL	:41	S	
JAN 16	16:00:02	3B-173-7	934	12F-2	06	CAL	2:43	S	-40 sec Left Limb
JAN 16	16:00:05	3B-173-8	934	12F-2	06	CAL	5:29	S	(Near P76)
JAN 16	16:00:11	3B-174-1	934	12F-3		CAL	:10	S	
JAN 16	16:00:12	3B-174-2	934	12F-3	06	CAL	: 2.5	L	Near P76
JAN 16	16:00:12	3B-174-3	934	12F-3	06	CAL	:10	L	
JAN 16	16:00:14	3B-174-4	934	12E-1	26	CAL	: 2.7	S	
JAN 16	16:00:14	3B-174-5	934	12E-1	26	CAL	:10	S	
JAN 16	16:00:15	3B-174-6	934	12F-1	26	CAL	:41	S	-60 sec Left Limb: Roll +3086; R/L -838; U/D 000
JAN 16	16:00:24	3B-174-7	934	12F-3		CAL	:10	S	(Near P76)
JAN 16	16:00:24	3B-174-8	934	12F-3	26	CAL	: 2.5	L	
JAN 16	16:00:24	3B-175-1	934	12F-3	26	CAL	:10	L	
JAN 16	16:01:18	3B-175-2	935	12F-4		CAL	: 2.7	L	
JAN 16	16:01:18	3B-175-3	935	12F-4		CAL	:10	L	

Flare Study in AR14 (West Limb)

X-ray C5; Optical SN
Optical Max 14:23
X-ray Max 14:20

CALROC STUDY

CALROC was flown successfully at approximately 19:20. JOP 12E/F are calibration for S082A/B Experiemnts. Roll +3087; R/L -848; U/D 000

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	F/N	JOP-ST	BB	TGT	EXP	WVL	
JAN 16	16:01:18	3B-175-4	935	12F-4		CAL	:41	L	-300 sec Left Limb; Roll +3086; R/L -628; U/D 000 (Near P76)
JAN 16	16:01:20	3B-175-5	935	12F-4		CAL	:10	S	
JAN 16	16:01:20	3B-175-6	935	12F-4		CAL	:41	S	
JAN 16	16:01:21	3B-175-7	935	12F-4		CAL	2:43	S	
JAN 16	16:01:24	3B-175-8	935	12F-4		CAL	10:50	S	
JAN 16	16:12:07	3A-383	942	06 -1	01A	SC	1:00	L	
JAN 16	16:12:08	3A-384	942	06 -1	01A	SC	:19	S	
JAN 16	16:13:55	3B-176-1	943	S07		21	: 2.7	S	
JAN 16	16:13:55	3B-176-2	943	S07		21	0:10	S	
JAN 16	16:13:55	3B-176-3	943	S07		21	0:41	S	
JAN 16	16:14:00	3B-176-4	943	S07		21	: 2.7	S	
JAN 16	16:14:01	3B-176-5	943	S07		21	0:10	S	
JAN 16	16:14:01	3B-176-6	943	S07		21	0:41	S	
JAN 16	16:14:09	3B-176-7	943	S07		21	: 2.5	S	Fluctuating bright points in AR21
JAN 16	16:14:09	3B-176-8	943	S07		21	:10	S	
JAN 16	16:14:09	3B-177-1	943	S07		21	:41	S	
JAN 16	16:14:14	3B-177-2	943	S07		21	0:02.5	S	
JAN 16	16:14:14	3B-177-3	943	S07		21	:10	S	
JAN 16	16:14:14	3B-177-4	943	S07		21	0:41	S	
JAN 16	16:14:28	3B-177-5	943	S07		21	: 2.7	S	
JAN 16	16:14:28	3B-177-6	943	S07		21	0:10	S	
JAN 16	16:14:28	3B-177-7	943	S07		21	0:41	S	4 limb co-alignment (016:14:56): NRL Bias R/L +95; U/D +16
JAN 16	16:15:44	3B-177-8	944	02A-1	04	21	: 2.6	S	
JAN 16	16:15:44	3B-178-1	944	02A-1	04	21	:10	S	
JAN 16	16:15:44	3B-178-2	944	02A-1	04	21	:41	S	
JAN 16	16:15:52	3B-178-3	944	02A-1	04	21	: 2.7	S	
JAN 16	16:15:52	3B-178-4	944	02A-1	04	21	:10	S	
JAN 16	16:15:53	3B-178-5	944	02A-1	04	21	:41	S	
JAN 16	16:16:04	3B-178-6	944	02A-1	04	21	: 2.5	S	
JAN 16	16:16:04	3B-178-7	944	02A-1	04	21	:10	S	
JAN 16	16:16:04	3B-178-8	944	02A-1	04	21	:41	S	
JAN 16	16:20:35	3B-179-1	947	S12		14	15:00	S	Coronal Loop of AR14 over west limb; Roll -5771; R/L +161; U/D -1000
JAN 16	16:22:14	3B-179-2	948	S12		14	2:39	S	Roll -2120; R/L +1104; U/D -065
JAN 16	16:22:29	3B-179-3	948	S07		16	2:39	S	
JAN 16	16:23:04	3B-179-4	949	26 -2	10	14	:10	S	
JAN 16	16:23:04	3B-179-5	949	26 -2	10	14	:41	S	
JAN 16	16:23:05	3B-179-6	949	26 -2	10	14	2:43	S	
JAN 16	16:23:10	3B-179-7	949	26 -2	10	14	:10	S	
JAN 16	16:23:11	3B-179-8	949	26 -2	10	14	:41	S	
JAN 16	16:23:11	3B-180-1	949	26 -2	10	14	2:43	S	
JAN 16	16:23:18	3B-180-2	949	26 -2	10	14	:41	S	
JAN 16	16:23:19	3B-180-3	949	26 -2	10	14	2:43	S	
JAN 16	16:23:21	3B-180-4	949	26 -2	10	14	7:00	S	
JAN 17	17:14:34	3A-385	959	06 -1	01A	SC	1:00	L	
JAN 17	17:14:36	3A-386	959	06 -1	01A	SC	:20	S	
JAN 17	17:18:13	3B-180-5	961	S12		14	8:00	S	Coronal Loop of AR14 over west limb: Roll -5831; R/L changing from +094 to +099; U/D -999
JAN 17	17:18:22	3B-180-6	961	S12		14	8:00	S	
JAN 17	17:18:32	3B-180-7	961	S12		14	6:20	S	
JAN 17	17:19:44	3A-387	962	08A-3	17	SC	:39	S	Eruptive prominence of AR14 over west limb; Roll -757; R/L +094; U/D -013
JAN 17	17:19:45	3A-388	962	08A-3	17	SC	2:39	L	
JAN 17	17:19:58	3A-389	962	08A-3	17	SC	:39	S	
JAN 17	17:20:10	3A-390	962	08A-3	17	SC	:40	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL	
JAN 17	17:20:46	3A-391	963	08A-3	17	SC	1:20	S	—Roll -3298; R/L +094; U/D -013
JAN 18	18:14:05	3A-392	974	06 -1	01A	SC	:59	L	
JAN 18	18:14:06	3A-393	974	06 -1	01A	SC	:19	S	
JAN 18	18:16:10	3B-180-8	975	S		ELB	14:07	S	Ly β Study —Roll -4617; R/L +108; U/D +1050
JAN 18	18:17:32	3B-181-1	976	S		ELB	26:00	L	—Roll -4615; R/L +108; U/D +1049
JAN 18	18:18:52	3A-394	977	08A-3	10	F81	:20	S	F81 disappeared; this is the disc coronal transient JOP.
JAN 18	18:18:53	3A-395	977	08A-3	10	F81	2:39	S	
JAN 19	19:11:43	3A-396	988	06 -1	01A	SC	:59	L	
JAN 19	19:11:46	3A-397	988	06 -1	01A	SC	:20	S	
JAN 19	19:13:24	3A-398	989	06 -1	32	SC	:19	S	
JAN 19	19:14:55	3A-399	990	06 -1	32	SC	:59	L	
JAN 19	19:16:29	3A-400	991	06 -2	32	SC	:19	S	
JAN 19	19:18:03	3A-401	992	06 -2	32	SC	:59	L	
JAN 19	19:19:41	3A-402	993	06 -2	32	21	:19	S	—Start
JAN 19	19:19:47	3A-403	993	06 -2	32	21	:19	S	
JAN 19	19:19:53	3A-404	993	06 -2	32	21	:20	S	
JAN 19	19:19:59	3A-405	993	06 -2	32	21	:19	S	
JAN 19	19:20:05	3A-406	993	06 -2	32	21	:20	S	
JAN 19	19:20:09	3A-407	993	06 -2	32	21	:20	S	
JAN 19	19:20:11	3A-408	993	06 -2	32	21	:20	S	
JAN 19	19:20:13	3A-409	993	06 -2	32	21	:20	S	
JAN 19	19:20:15	3A-410	993	06 -2	32	21	:20	S	
JAN 19	19:20:17	3A-411	993	06 -2	32	21	:20	S	
JAN 19	19:20:19	3A-412	993	06 -2	32	21	:19	S	Special time sequence: Roll +10,800; R/L +136; U/D +276
JAN 19	19:20:20	3A-413	993	06 -2	32	21	:19	S	
JAN 19	19:20:21	3A-414	993	06 -2	32	21	:19	S	
JAN 19	19:20:21	3A-415	993	06 -2	32	21	:19	S	
JAN 19	19:20:22	3A-416	993	06 -2	32	21	:20	S	
JAN 19	19:20:22	3A-417	993	06 -2	32	21	:20	S	
JAN 19	19:20:23	3A-418	993	06 -2	32	21	:19	S	
JAN 19	19:20:23	3A-419	993	06 -2	32	21	:21	S	
JAN 19	19:20:24	3A-420	993	06 -2	32	21	:19	S	
JAN 19	19:20:24	3A-421	993	06 -2	32	21	:19	S	
JAN 19	19:20:25	3A-422	993	06 -2	32	21	:20	S	
JAN 19	19:20:25	3A-423	993	06 -2	32	21	:19	S	
JAN 19	19:20:26	3A-424	993	06 -2	32	21	:19	S	
JAN 19	19:20:26	3A-425	993	06 -2	32	21	:19	S	
JAN 19	19:20:27	3A-426	993	06 -2	32	21	:19	S	—End
JAN 19	19:21:15	3A-427	994	06 -2	32	SC	:19	S	
JAN 19	19:22:49	3A-428	995	06 -2	32	SC	:19	S	
JAN 20	20:00:18	3A-429	996	06 -1	01A	SC	:59	L	
JAN 20	20:01:56	3A-430	997	02C-6	28	21	:19	S	
JAN 20	20:03:22	3A-431	998	SGL		SC	:59	L	
JAN 20	20:05:24	3A-432	999	UNA		SC	:20	L	
JAN 20	20:05:25	3A-433	999	UNA		SC	:10	S	
JAN 20	20:05:25	3A-434	999	UNA		SC	1:06	L	
JAN 20	20:08:02	3A-435	1001	UNA		SC	:20	L	
JAN 20	20:08:02	3A-436	1001	UNA		SC	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	P/N	JOP-ST	RB	TGT	EXP	WVL
JAN 20	20:08:02	3A-437	1001	UNA		SC	1:04	L
JAN 20	20:11:33	3A-438	1003	SGL		SC	:19	S
JAN 20	20:11:45	3B-181-2	1003	S07		31	: 2.7	S
JAN 20	20:11:45	3B-181-3	1003	S07		31	:10	S
JAN 20	20:11:46	3B-181-4	1003	S07		31	:41	S
JAN 20	20:11:51	3B-181-5	1003	S07		31	: 2.7	S
JAN 20	20:11:52	3B-181-6	1003	S07		31	:10	S
JAN 20	20:11:52	3B-181-7	1003	S07		31	:41	S
JAN 20	20:11:54	3B-181-8	1003	S07		31	: 2.7	S
JAN 20	20:11:54	3B-182-1	1003	S07		31	:10	S
JAN 20	20:11:55	3B-182-2	1003	S07		31	:41	S
JAN 20	20:11:57	3B-182-3	1003	S07		31	: 2.7	S
JAN 20	20:11:58	3B-182-4	1003	S07		31	:10	S
JAN 20	20:11:58	3B-182-5	1003	S07		31	:41	S
JAN 20	20:12:44	3A-439	1004	06 -1	01A	SC	:59	L
JAN 20	20:12:46	3A-440	1004	06 -1	01A	SC	:19	S
JAN 20	20:13:16	3B-182-6	1004	S07		31	: 2.7	S
JAN 20	20:13:16	3B-182-7	1004	S07		31	:10	S
JAN 20	20:13:16	3B-182-8	1004	S07		31	:41	S
JAN 20	20:13:34	3B-183-1	1004	S07		31	: 2.7	S
JAN 20	20:13:34	3B-183-2	1004	S07		31	:10	S
JAN 20	20:13:34	3B-183-3	1004	S07		31	:41	S
JAN 20	20:13:35	3B-183-4	1004	S07		31	: 2.7	S
JAN 20	20:13:35	3B-183-5	1004	S07		31	:10	S
JAN 20	20:13:35	3B-183-6	1004	S07		31	:41	S
JAN 20	20:13:36	3B-183-7	1004	S07		31	3:05	S
JAN 20	20:13:40	3B-183-8	1004	S07		31	1:52	S
JAN 20	20:14:21	3A-441	1005	SGL		SC	:19	S
JAN 20	20:14:43	3A-442	1005	OBS	28	31	:20	S
JAN 20	20:14:43	3B-184-1	1005	S07		31	: 2.7	S
JAN 20	20:14:43	3B-184-2	1005	S07		31	:10	S
JAN 20	20:14:44	3B-184-3	1005	S07		31	:41	S
JAN 20	20:14:58	3B-184-4	1005	S07		31	: 2.7	S
JAN 20	20:14:58	3B-184-5	1005	S07		31	:10	S
JAN 20	20:14:59	3B-184-6	1005	S07		31	:41	S
JAN 20	20:16:00	3B-184-7	1006	26 -2	10	16	:10	S
JAN 20	20:16:00	3B-184-8	1006	26 -2	10	16	:41	S
JAN 20	20:16:01	3B-185-1	1006	26 -2	10	16	2:43	S
JAN 20	20:16:06	3B-185-2	1006	26 -2	10	16	:10	S
JAN 20	20:16:06	3B-185-3	1006	26 -2	10	16	:41	S
JAN 20	20:16:07	3B-185-4	1006	26 -2	10	16	2:43	S
JAN 20	20:16:15	3B-185-5	1006	26 -2	10	16	25:13	S
JAN 20	20:17:21	3A-443	1007	SGL		SC	:19	S
JAN 20	20:19:37	3A-444	1008	SGL		SC	1:00	L
JAN 20	20:20:28	3A-445	1008	SGL		SC	:20	S
JAN 20	20:22:01	3A-446	1009	SGL		SC	:59	L
JAN 20	20:22:03	3A-447	1010	SGL		SC	:59	L
JAN 20	20:23:36	3A-448	1011	SGL		SC	:20	S
JAN 21	21:01:07	3A-449	1012	06 -1	01A	SC	1:00	L
JAN 21	21:12:02	3A-450	1019	06 -1	01A	SC	:59	L
JAN 21	21:12:03	3A-451	1019	06 -1	01A	SC	:19	S
JAN 21	21:21:32	3B-185-6	1025	S07		31	:41	S

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	BR	TGT	EXP	WVL
JAN 21	21:21:33	3B-185-7	1025	S07		31	2:43	S
JAN 21	21:21:36	3B-185-8	1025	S07		31	4:00	S
JAN 21	21:21:40	3B-186-1	1025	S07		31	: 2.7	S
JAN 21	21:21:40	3B-186-2	1025	S07		31	:10	S
JAN 21	21:21:40	3B-186-3	1025	S07		31	:41	S
JAN 21	21:21:43	3B-186-4	1025	S07		31	: 2.7	S
JAN 21	21:21:43	3B-186-5	1025	S07		31	:10	S
JAN 21	21:21:43	3B-186-6	1025	S07		31	:41	S
JAN 21	21:21:47	3B-186-7	1025	S07		31	: 2.7	S
JAN 21	21:21:47	3B-186-8	1025	S07		31	:10	S
JAN 21	21:21:47	3B-187-1	1025	S07		31	:41	S
JAN 21	21:23:13	3B-187-2	1026	03A	08	31	: 2.7	S
JAN 21	21:23:13	3B-187-3	1026	03A	08	31	:10	S
JAN 21	21:23:14	3B-187-4	1026	03A	08	31	:41	S
JAN 21	21:23:15	3A-452	1026	03	08	31	:19	S
JAN 21	21:23:16	3B-187-5	1026	03A	08	31	: 2.7	S
JAN 21	21:23:16	3B-187-6	1026	03A	08	31	:10	S
JAN 21	21:23:16	3B-187-7	1026	03A	08	31	:41	S
JAN 21	21:23:17	3A-453	1026	03	08	31	:02.5	S
JAN 21	21:23:17	3A-454	1026	03	08	31	:10	S
JAN 21	21:23:17	3A-455	1026	03	08	31	:40	S
JAN 21	21:23:17	3B-187-8	1026	03A	08	31	: 0.3	S
JAN 21	21:23:17	3B-188-1	1026	03A	08	31	: 1.3	S
JAN 21	21:23:17	3B-188-2	1026	03A	08	31	: 5	S
JAN 21	21:23:17	3B-188-3	1026	03A	08	31	:20	S
JAN 21	21:23:18	3A-456	1026	03	08	31	:05	L
JAN 21	21:23:18	3A-457	1026	03	08	31	:20	L
JAN 21	21:23:18	3B-188-4	1026	03A	08	31	: 0.3	S
JAN 21	21:23:18	3B-188-5	1026	03A	08	31	: 1.3	S
JAN 21	21:23:18	3B-188-6	1026	03A	08	31	: 5	S
JAN 21	21:23:18	3B-188-7	1026	03A	08	31	:20	S
JAN 21	21:23:18	3B-188-8	1026	03A	08	31	: 0.2	L
JAN 21	21:23:18	3B-189-1	1026	03A	08	31	: 0.6	L
JAN 21	21:23:18	3B-189-2	1026	03A	08	31	: 2.5	L
JAN 21	21:23:18	3B-189-3	1026	03A	08	31	:10	L
JAN 21	21:23:19	3A-458	1026	03	08	31	1:20	L
JAN 21	21:23:19	3B-189-4	1026	03A	08	31	: 0.3	S
JAN 21	21:23:19	3B-189-5	1026	03A	08	31	: 1.3	S
JAN 21	21:23:19	3B-189-6	1026	03A	08	31	: 5	S
JAN 21	21:23:19	3B-189-7	1026	03A	08	31	:20	S
JAN 21	21:23:19	3B-189-8	1026	03A	08	31	: 0.3	S
JAN 21	21:23:19	3B-190-1	1026	03A	08	31	: 1.3	S
JAN 21	21:23:19	3B-190-2	1026	03A	08	31	: 5	S
JAN 21	21:23:19	3B-190-3	1026	03A	08	31	:20	S
JAN 21	21:23:19	3B-190-4	1026	03A	08	31	: 0.2	L
JAN 21	21:23:19	3B-190-5	1026	03A	08	31	: 0.6	L
JAN 21	21:23:20	3A-459	1026	03	08	31	:02.5	S
JAN 21	21:23:20	3A-460	1026	03	08	31	:10	S
JAN 21	21:23:20	3A-461	1026	03	08	31	:40	S
JAN 21	21:23:20	3B-190-6	1026	03A	08	31	: 2.5	L
JAN 21	21:23:20	3B-190-7	1026	03A	08	31	:10	L
JAN 21	21:23:20	3B-190-8	1026	03A	08	31	: 1.3	S
JAN 21	21:23:20	3B-191-1	1026	03A	08	31	: 5	S
JAN 21	21:23:20	3B-191-2	1026	03A	08	31	:20	S

— NOTE: Shutter open time is 20 seconds prior to start of Vela X-ray event.

Start

Flare Study, AR31 N06W50

X-Ray (Vela) C8/C9: Optical SN

Optical: Start 23:15; Max 23:19; End 23:22
X-Ray: Start 23:14; Max 23:24; End 00:16
Radio Type 3: Max 23:56

Roll -9609; R/L -550; U/D -394

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
JAN 21	21:23:20	3B-191-3	1026	03A	08	31	1:20	S	Flare Study (Continued)
JAN 21	21:23:21	3A-462	1026	03	08	31	:10	S	
JAN 21	21:23:21	3A-463	1026	03	08	31	:40	S	
JAN 21	21:23:22	3A-464	1026	03	08	31	:40	S	
JAN 21	21:23:22	3B-191-4	1026	03A	08	31	: 0.2	L	
JAN 21	21:23:22	3B-191-5	1026	03A	08	31	: 0.6	L	
JAN 21	21:23:22	3B-191-6	1026	03A	08	31	: 2.5	L	
JAN 21	21:23:22	3B-191-7	1026	03A	08	31	:10	L	End
JAN 21	21:23:23	3B-191-8	1026	S07		31	: 2.7	L	Start
JAN 21	21:23:23	3B-192-1	1026	S07		31	:10	L	
JAN 21	21:23:23	3B-192-2	1026	S07		31	:41	L	
JAN 21	21:23:24	3A-465	1026	03	08	31	:20	S	
JAN 21	21:23:25	3B-192-3	1026	S07		31	: 2.7	L	
JAN 21	21:23:26	3B-192-4	1026	S07		31	:10	L	
JAN 21	21:23:26	3B-192-5	1026	S07		31	:41	L	
JAN 21	21:23:27	3A-466	1026	03	08	31	:20	S	
JAN 21	21:23:28	3B-192-6	1026	S07		31	: 2.7	S	
JAN 21	21:23:28	3B-192-7	1026	S07		31	:10	S	
JAN 21	21:23:28	3B-192-8	1026	S07		31	:41	S	
JAN 21	21:23:30	3A-467	1026	03	08	31	:19	S	
JAN 21	21:23:31	3B-193-1	1026	S07		31	: 2.7	S	
JAN 21	21:23:31	3B-193-2	1026	S07		31	:10	S	
JAN 21	21:23:31	3B-193-3	1026	S07		31	:41	S	
JAN 21	21:23:35	3A-468	1026	03	08	31	:20	S	Additional flare study exposures: Roll -9609; R/L -550; U/D -394
JAN 21	21:23:36	3B-193-4	1026	S07		31	: 2.7	S	
JAN 21	21:23:36	3B-193-5	1026	S07		31	:10	S	
JAN 21	21:23:36	3B-193-6	1026	S07		31	:41	S	
JAN 21	21:23:39	3B-193-7	1026	S07		31	:10	S	
JAN 21	21:23:39	3B-193-8	1026	S07		31	:41	S	
JAN 21	21:23:39	3B-194-1	1026	S07		31	2:43	S	
JAN 21	21:23:40	3A-469	1026	03	08	31	:19	S	
JAN 21	21:23:44	3B-194-2	1026	S07		31	:10	S	
JAN 21	21:23:44	3B-194-3	1026	S07		31	:41	S	
JAN 21	21:23:45	3A-470	1026	03	08	31	:19	S	
JAN 21	21:23:45	3B-194-4	1026	S07		31	1:35	S	End
JAN 22	22:00:34	3A-471	1027	03	08	31	:20	S	
JAN 22	22:00:34	3B-194-5	1027	S07		31	:10	S	
JAN 22	22:00:34	3B-194-6	1027	S07		31	:41	S	
JAN 22	22:00:35	3B-194-7	1027	S07		31	2:43	S	Post Flare Study: Roll -10,256; R/L -625; U/D -270
JAN 22	22:00:49	3A-472	1027	03	08	31	:19	S	
JAN 22	22:00:49	3B-194-8	1027	S07		31	:10	S	
JAN 22	22:00:49	3B-195-1	1027	S07		31	:41	S	
JAN 22	22:00:50	3B-195-2	1027	S07		31	2:18	S	
JAN 22	22:11:51	3A-473	1034	06	-1 01A	SC	:59	L	
JAN 22	22:11:54	3A-474	1034	06	-1 01A	SC	:19	S	
JAN 22	22:11:59	3A-475	1034	06	-1 01A	SC	:59	L	
JAN 22	22:12:01	3A-476	1034	06	-1 01A	SC	:19	S	
JAN 22	22:22:41	3A-477	1041	SGL		SC	:40	L	
JAN 22	22:22:43	3A-478	1041	SGL		SC	:40	L	
JAN 22	22:22:44	3A-479	1041	SGL		SC	:09	S	
JAN 22	22:22:46	3A-480	1041	SGL		SC	:10	S	

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL	
JAN 23	23:12:19	3A-481	1050	06 -1	01A	SC	:59	L	
JAN 23	23:12:20	3A-482	1050	06 -1	01A	SC	:19	S	
JAN 23	23:12:52	3B-195-3	1050	SGL		LB	:29	S	
JAN 23	23:12:53	3B-195-4	1050	SGL		LB	:29	S	
JAN 23	23:12:54	3B-195-5	1050	SGL		LB	:30	S	
JAN 23	23:12:55	3B-195-6	1050	SGL		LB	:30	S	
JAN 23	23:12:56	3B-195-7	1050	SGL		LB	:30	S	+2 sec Left Limb Study; special sequence for oscillations:
JAN 23	23:12:57	3B-195-8	1050	SGL		LB	:30	S	Roll -8500; R/L -906; U/D 000
JAN 23	23:12:58	3B-196-1	1050	SGL		LB	:30	S	
JAN 23	23:12:59	3B-196-2	1050	SGL		LB	:30	S	
JAN 23	23:13:00	3B-196-3	1050	SGL		LB	:30	S	
JAN 23	23:13:01	3B-196-4	1050	SGL		LB	:30	S	
JAN 24	24:11:38	3A-483	1065	06 -1	01A	SC	1:00	L	
JAN 24	24:11:40	3A-484	1065	06 -1	01A	SC	:19	S	
JAN 25	25:12:23	3A-485	1081	06 -1	01A	SC	:59	L	
JAN 25	25:12:24	3A-486	1081	06 -1	01A	SC	:19	S	
JAN 25	25:13:14	3B-196-5	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:18	3B-196-6	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-196-7	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-196-8	1081	07 -2	15	LB	: 1.7	L	
JAN 25	25:13:19	3B-197-1	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-197-2	1081	07 -2	15	LB	: 1.4	L	
JAN 25	25:13:19	3B-197-3	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-197-4	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-197-5	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-197-6	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-197-7	1081	07 -2	15	LB	: 1.3	L	
JAN 25	25:13:19	3B-197-8	1081	07 -2	15	LB	: 1.4	L	
JAN 25	25:13:19	3B-198-1	1081	07 -2	15	LB	: 1	L	
JAN 25	25:14:06	3B-198-2	1082	02C-6	28	QR1	10:59	S	
JAN 25	25:14:19	3B-198-3	1082	02C-6	28	QR1	11:00	S	
JAN 25	25:14:32	3B-198-4	1082	02C-6	28	QR1	15:04	S	
JAN 26	26:13:23	3A-487	1097	06 -1	01A	SC	1:00	L	
JAN 26	26:13:24	3A-488	1097	06 -1	01A	SC	:20	S	
JAN 26	26:22:35	3A-489	1103	SGL		SC	2:00	L	
JAN 26	26:23:09	3B-198-5	1103	S11		P77	9:03	S	
JAN 26	26:23:18	3A-490	1103	SGL		P77	:06	S	
JAN 26	26:23:18	3B-198-6	1103	S11		P77	7:00	S	
JAN 27	27:00:24	3B-198-7	1104	S13		P77	16:00	S	
JAN 27	27:00:42	3B-198-8	1104	S13		P77	16:59	S	
JAN 27	27:22:12	3A-491	1118	17A	28	BSP	1:00	L	
JAN 27	27:23:55	3A-492	1119	17A	28	BSP	:20	S	Bright Spot 1: Roll -10,800; R/L -096; U/D +014
JAN 28	28:11:54	3A-493	1127	06 -1	01A	SC	1:00	L	Bright Spot 2: Roll -10,800; R/L +378; U/D -056: Special expo-
JAN 28	28:11:56	3A-494	1127	06 -1	01A	SC	:20	S	sure for JOP 17A; also support synoptic super-raster.

CHRONOLOGICAL LISTING

DATE	TIME	FILM-STRIP	C/N	JOP-ST	RR	TGT	EXP	WVL	
JAN 29	29:15:47	3B-199-1	1145	07 -3	15	LB1	: 1.3	L	Start
JAN 29	29:15:47	3B-199-2	1145	07 -3	15	LB1	: 1.3	L	
JAN 29	29:15:47	3B-199-3	1145	07 -3	15	LB1	: 1.3	L	Atmospheric Extinction at Sunrise
JAN 29	29:15:47	3B-199-4	1145	07 -3	15	LB1	: 1	L	(Rolled for slit tangent to earth)
JAN 29	29:15:47	3B-199-5	1145	07 -3	15	LB1	: 1	L	Roll -3520; R/L -860; U/D +045
JAN 29	29:15:47	3B-199-6	1145	07 -3	15	LB1	: 1.3	L	
JAN 29	29:15:47	3B-199-7	1145	07 -3	15	LB1	: 1.3	L	-40 sec
JAN 29	29:15:47	3B-199-8	1145	07 -3	15	LB1	: 1.3	L	
JAN 29	29:15:48	3B-200-1	1145	07 -3	15	LB1	: 1.3	L	
JAN 29	29:15:48	3B-200-2	1145	07 -3	15	LB1	: 1.5	L	
JAN 29	29:15:48	3B-200-3	1145	07 -3	15	LB1	: 1.3	L	
JAN 29	29:15:48	3B-200-4	1145	07 -3	15	LB1	: 1.5	L	
JAN 29	29:15:48	3B-200-5	1145	07 -3	15	LB1	: 1.5	L	
JAN 29	29:15:51	3B-200-6	1145	07 -3	15	LB1	: 1.3	L	End (approximately 400 km)
JAN 29	29:22:08	3A-495	1149	06 -1	01A	SC	:59	L	Synoptic and SAC peak spicule collaboration: Roll 0000; R/L +093; U/D -016
JAN 29	29:22:09	3A-496	1149	06 -1	01A	SC	:19	S	
JAN 30	30:00:26	3A-497	1150	13	30	VEL	:05	S	Velorum exposure supporting S055 Experiment. NOTE: Crew heard TACS firing during the long exposure.
JAN 30	30:00:26	3A-498	1150	13	30	VEL	30:44	S	
JAN 30	30:12:44	3B-200-7	1158	12E-1		QR1	:10	S	S082B film calibration: Roll +10,800; R/L +065; U/D +516
JAN 30	30:12:44	3B-200-8	1158	12E-1		QR1	:41	S	
JAN 30	30:12:45	3B-201-1	1158	12E-1		QR1	2:43	S	
JAN 30	30:20:26	3A-499	1163	SGL		SC	:19	S	Synoptic and SAC peak collaboration: Roll -10,800; R/L ±090; U/D -018
JAN 30	30:22:15	3B-201-2	1164	07 -2	15	3B	:33	S	Atmospheric extinction from 80 km to 0 km: Roll -3649; R/L -365; U/D +714
JAN 31	31:19:08	3A-500	1178	SGL		SC	:19	S	Guard Exposure
JAN 31	31:19:09	3B-201-3	1178	SGL		SC	: 1.7	S	Ly β Study: Roll +10,800; R/L +089; U/D -021
JAN 31	31:19:10	3B-201-4	1178	SGL		SC	32:00	S	
JAN 31	31:19:49	3B-201-5	1178	SGL		SC	: 1.8	S	Guard Exposure
FEB 1	32:23:13	3B-201-6	1196	OBS		NP	13:59	S	Polar Plume (approximately 21.5 degrees CCW of solar north; Roll +9511; R/L +079; U/D -1016
FEB 1	32:23:31	3B-201-7	1196	OBS		NP	14:00	S	Polar Plume Background: Roll +9701; R/L +079; U/D -1016
FEB 3	34:02:05	3B-201-8	1213	SGL		LB	14:59	S	Northeast Limb Study: Roll +9390; R/L +086; U/D -1016

TOTAL NUMBER OF FRAMES PRINTED = 7435

INDEX
CHRONOLOGICAL LISTING

NO.	DAY OF YEAR	PAGE
1	326	1
2	148	1
3	149	1
4	150	1
5	151	4
6	152	6
7	153	6
8	154	7
9	155	9
10	156	10
11	157	12
12	158	12
13	159	12
14	160	12
15	161	14
16	162	16
17	163	18
18	164	22
19	165	24
20	166	26
21	167	33
22	168	33
23	169	34
24	170	35
25	218	35
26	219	35
27	220	37
28	221	39
29	222	41
30	223	41
31	224	44
32	225	45
33	226	48
34	227	51
35	228	54
36	229	57
37	230	60
38	231	63
39	232	66
40	233	67
41	234	68
42	235	69
43	236	69
44	237	69
45	238	72
46	239	75
47	240	77
48	241	78
49	242	81
50	243	82

INDEX
CHRONOLOGICAL LISTING

NO.	DAY OF YEAR	PAGE
51	244	83
52	245	85
53	246	87
54	247	89
55	248	92
56	249	94
57	250	94
58	251	97
59	252	97
60	253	98
61	254	99
62	255	100
63	256	100
64	257	100
65	258	101
66	259	101
67	260	102
68	261	102
69	262	103
70	263	103
71	264	104
72	326	104
73	331	104
74	332	104
75	333	105
76	334	105
77	335	105
78	336	105
79	337	107
80	338	108
81	339	108
82	340	109
83	341	110
84	342	111
85	343	112
86	344	113
87	345	113
88	346	115
89	347	116
90	348	119
91	349	120
92	350	121
93	351	122
94	352	125
95	353	125
96	354	126
97	355	127
98	356	127
99	357	128
100	358	128

INDEX
CHRONOLOGICAL LISTING

NO.	DAY OF YEAR	PAGE
101	359	128
102	360	128
103	361	129
104	362	129
105	363	129
106	364	129
107	365	130
108	1	130
109	2	131
110	3	131
111	4	131
112	5	132
113	6	132
114	7	132
115	8	133
116	9	133
117	10	133
118	11	134
119	12	134
120	13	135
121	14	135
122	15	135
123	16	136
124	17	137
125	18	138
126	19	138
127	20	138
128	21	139
129	22	141
130	23	141
131	24	142
132	25	142
133	26	142
134	27	142
135	28	142
136	29	143
137	30	143
138	31	143
139	32	143
140	34	143