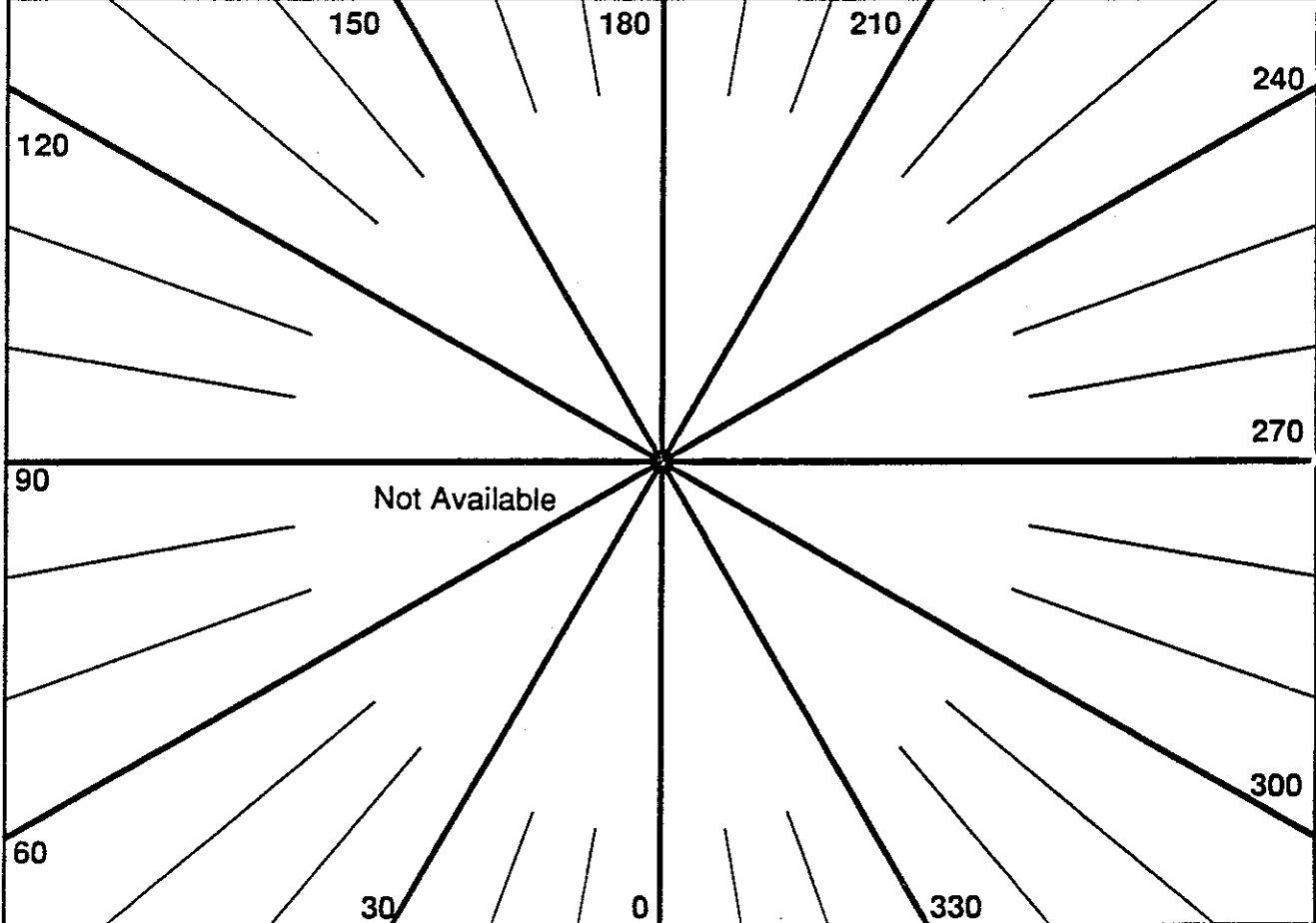
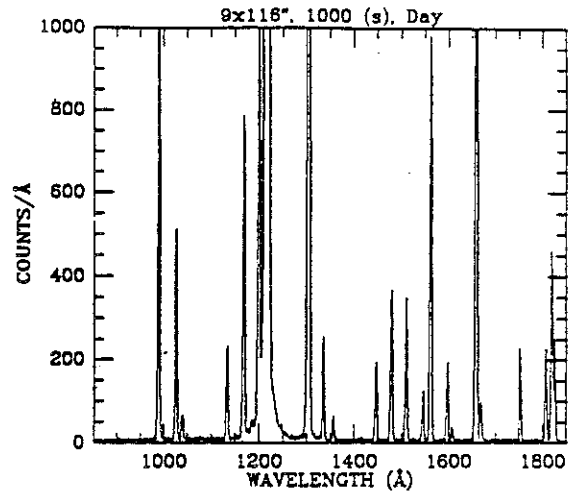


1 RA 340.0000 DEC 29.8333 ROLL 9.00 ID 1111-10
 2 TIME 2040 MANOPS TRACK NAME C-AUSTIN

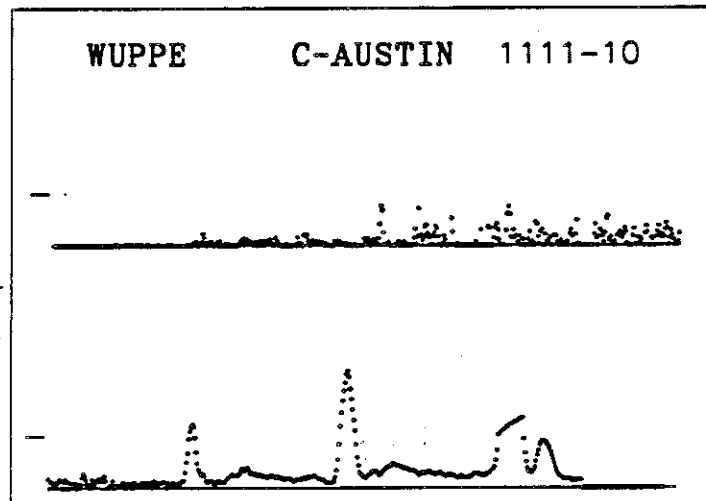


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2	
3	P H	343	man sim	12 12	4.0	5	2	1	---	---	---	---	---	---	LCDATA	HUTMAN	
4	W	188	nlc ngd	9 7	4.6		7	6	---	---	---	---	---	---	RETSAT	NOLOC	
5	U	171	DT -	T F	60	b6 329	a1	372	a5	651	b5	651	a4			DRIAST	
6	H	HOP	ITEM 90_5_1.	(loc=obs ap)			16	I	for grnd analysis								
7	JAC	ITEM 16_0															
8		Config H W U															
9		-----															
10	JAC	All SETUP															
11	J	Chk Stat -CUR -PAU RDY															
12		IMC BEGIN															
13	I	IMC Chk AST TRK *															
14	I	ITEM 13 (DRIRU only)															
15	I	NOTE: AST TRK data req'd															
						17	JAC	HUT	ITEM	5							
						18		All	BEGIN								
						19	W	NOTE:	Expect RET SIG msg								
						20	JOB	Observe									
						21	JAC	All	PREVIEW								
						22		All	QUIT								
						23		-----									
						24	JAC	ITEM	16_1								
						25	H	HOP	ITEM	90_5_0 (restore)							

OBJECT: comet Austin
KEYWORDS: comet, coma
COMMENTS: 1111-10, 1111-40 and 1111-50

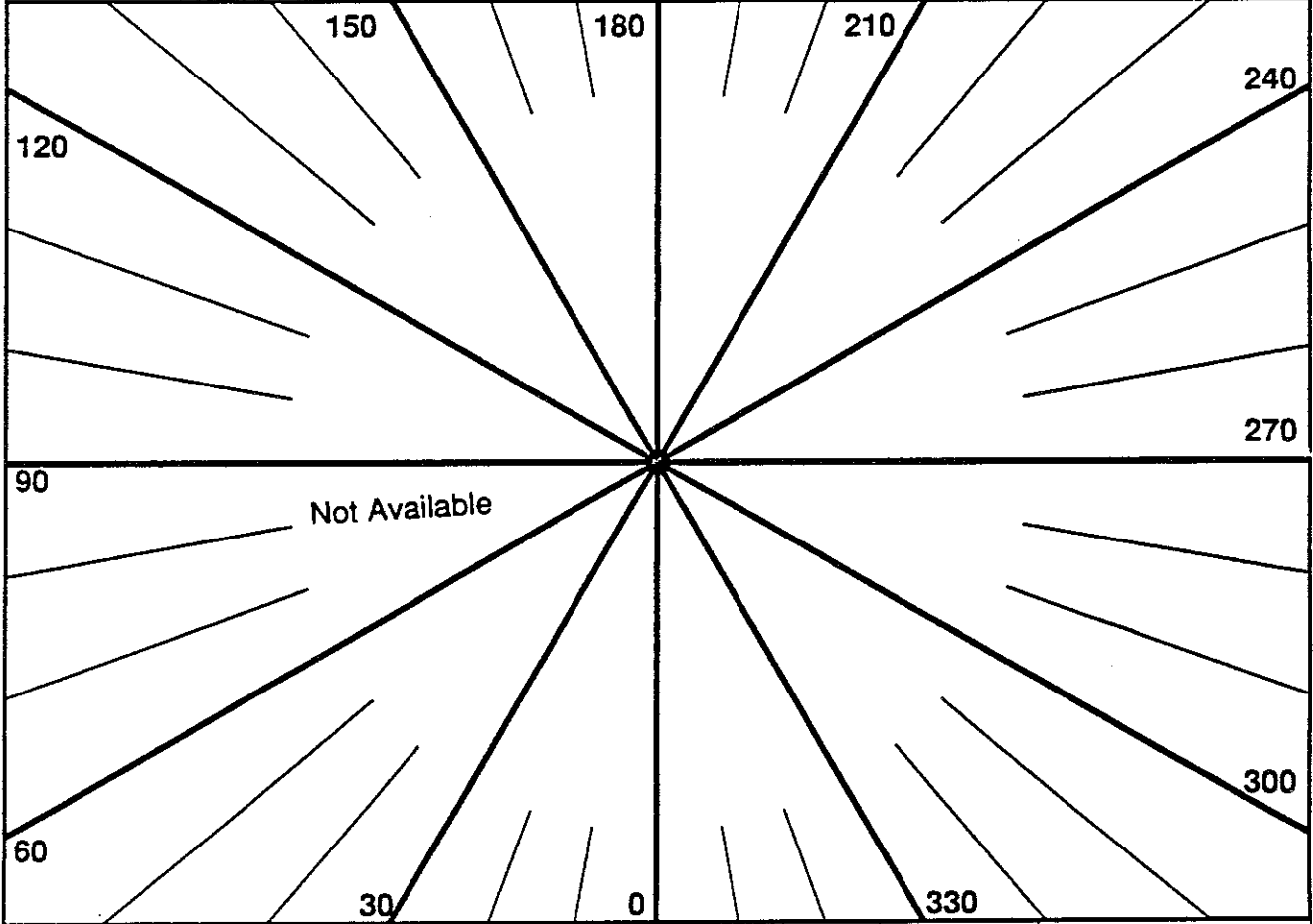


ID: 1111-10
Names: C-AUSTIN
% Pol: ~30% in continuum
Pos Ang: perp to sun-comet line
Phase: ~95 (May 13)
Mechanism: contin. - dust scat
lines - resonance scat
Comments: Center in coma for
greatest signal. OH 3090 will
saturate, others should not.
Primary interest: continuum pol
wavelength dep; CI 1657,1931,
SI 1820 atomic resonance lines.



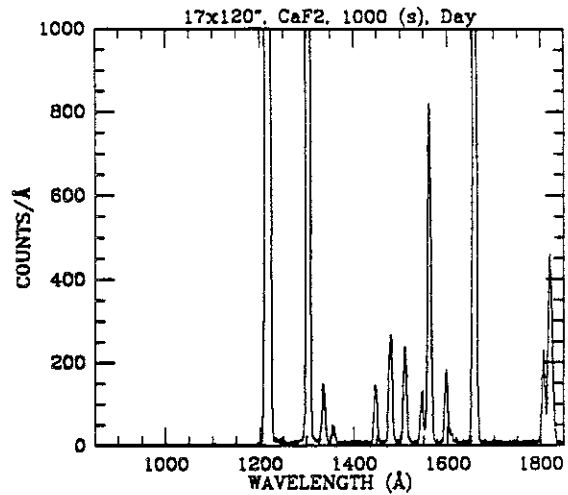
UIT
Observation Description

1 RA 340.0000 DEC 29.8333 ROLL 7.20 ID 1111-20
 2 TIME 376 MANOPS TRACK NAME C-AUSTIN

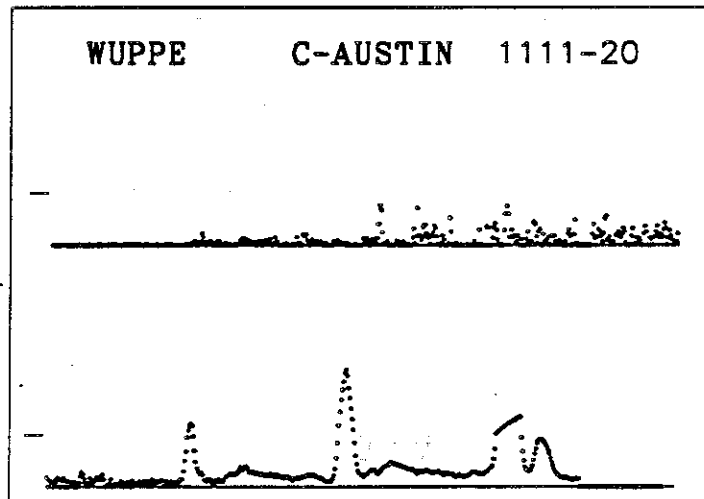


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	H	342	man sim	9 ¹² 9 ¹²	3.5	5	5	4	---	---	---	---	---	---	LCDATA	COMET
4	P	W 188	nlc ngd	9	7	4.6	7	6	---	---	---	---	---	---	RETSAT	NOLOC
5	U	13	DT -	T F	31	a4	-	-	-	-	-	-	-	-	-	DRIAST
6	H	HOP	As early as possible:				19	I	ITEM 13 (DRIRU only)							
7	H	52.5	ITEM 41 ⁵	(CaF2 filter)		20	I	NOTE: AST TRK data req'd								
8	H		(To not pass thru slit 6			21	I	for grnd analysis								
9	H		near comet with DET on)			22	JAC	HUT ITEM 5								
10	H		ITEM 90_5_1 (loc=obs ap)			23		All BEGIN								
11	JAC		ITEM 16_0			24	W	NOTE: Expect RET SIG msg								
12			Config H W U			25	JOB	Observe								
13			-----			26	JAC	All PREVIEW								
14	JAC		All SETUP			27	H	(just prior to QUIT)								
15	H	TV	Center HUT on brtest pt.			28	H	ITEM 16 1								
16	J	JAC	Chk Stat -CUR -PAU RDY			29		All QUIT								
17			IMC BEGIN			30		-----								
18	I	IMC	Chk AST TRK *			31	H	HOP ITEM 90_5_0 (restore)								

OBJECT: comet Austin
KEYWORDS: comet, coma
COMMENTS: 1111-20 and 1111-30

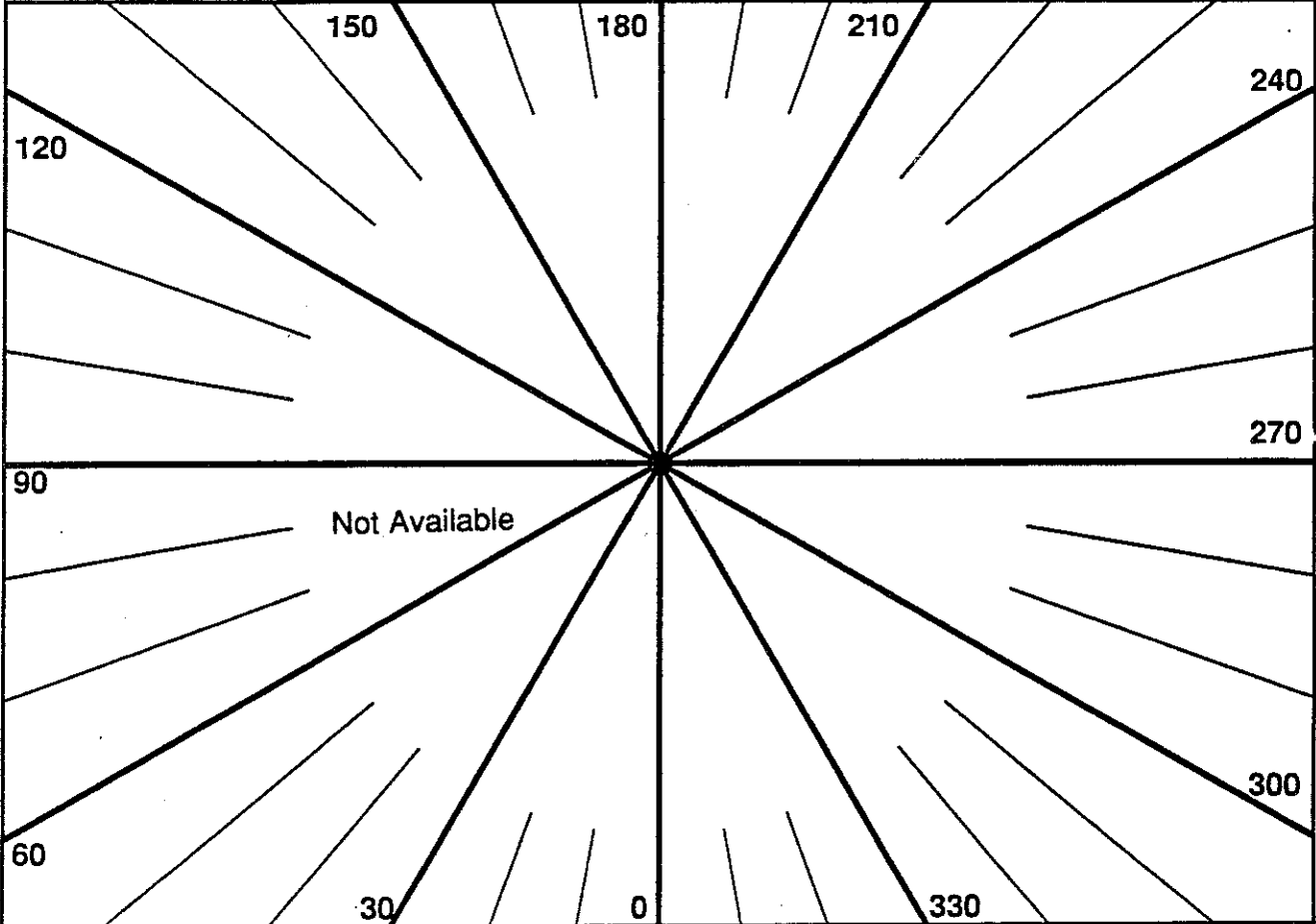


ID: 1111-20
Names: C-AUSTIN
% Pol: ~30% in continuum
Pos Ang: perp to sun-comet line
Phase: ~97 (May 12)
Mechanism: contin - dust scat
lines - resonance scat
Comments: Center in coma for
greatest signal. OH 3090 will
saturate, others should not.
Primary interest: continuum pol
wavelength dep; CI 1657,1931,
SI 1820 atomic resonance lines.



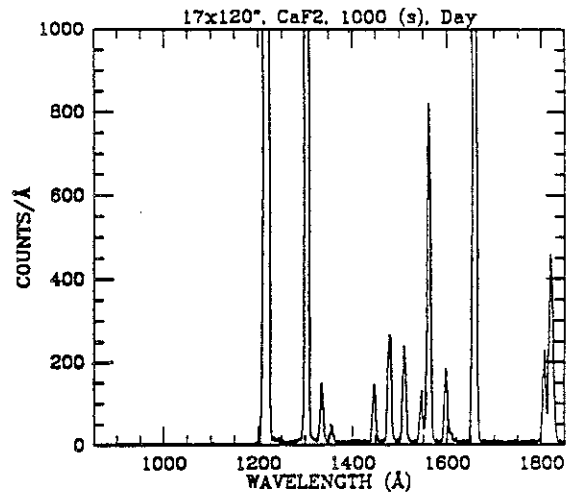
UIT
Observation Description

1 RA 340.0000 DEC 29.8333 ROLL 2.50 ID 1111-30
 2 TIME 2254 MANOPS TRACK NAME C-AUSTIN

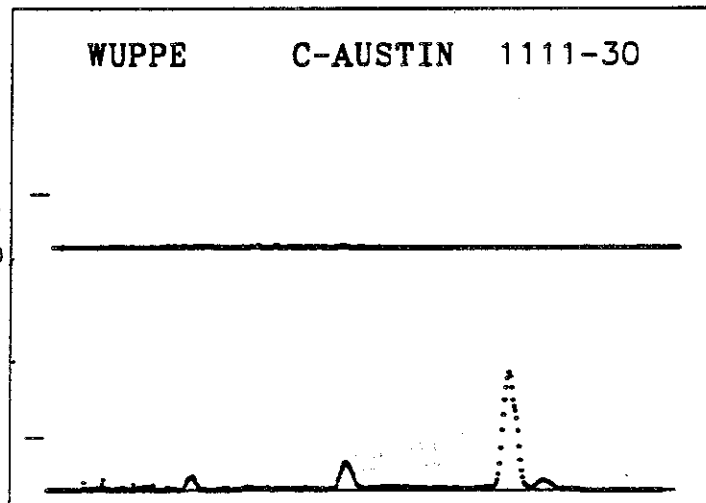


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2	
3	H 128	man sim	¹² 9	¹² 9	3.5	5	5	4	---	---	---	---	---	---	LCDATA	COMET	
4	W 291	nlc ngd	9	4	5.8	7	6	---	---	---	---	---	---	---	VARWRN	NOLOC	
5	P U 171	DT 100	T F	60	b6	329	a1	372	a5	651	b5	651	a4			DRIAST	
6	H HOP	As early as possible:				20	I	IMC	Chk	AST	TRK	*					
7	H	USE	ITEM 11_5 (CaF2 filter)				21	I	ITEM 13 (DRIRU only)								
8	H	ITEM 52-5	(To not pass thru slit 6				22	I	NOTE: AST TRK data req'd								
9	H	LOW LEVEL	near comet with DET on)				23	I	for grnd analysis								
10	H	COMMAND	ITEM 90_5_1 (loc=obs ap)				24	JAC	HUT ITEM 5								
11	W		NOTE: var tgt- adj tv,sp				25		All BEGIN								
12	W		if reqd: WUP ALT-02,03				26	JOB	Observe								
13	JAC		ITEM 16_0				27	JAC	All PREVIEW								
14			Config H W U				28	H	(just prior to QUIT)								
15			-----				29	H	ITEM 16_1								
16	JAC		All SETUP				30		All QUIT								
17	H TV		Center HUT on brtest pt.				31		-----								
18	J JAC		Chk Stat -CUR -PAU RDY				32	H HOP	ITEM 90_5_0 (restore)								
19			IMC BEGIN														

OBJECT: comet Austin
KEYWORDS: comet, coma
COMMENTS: 1111-20 and 1111-30

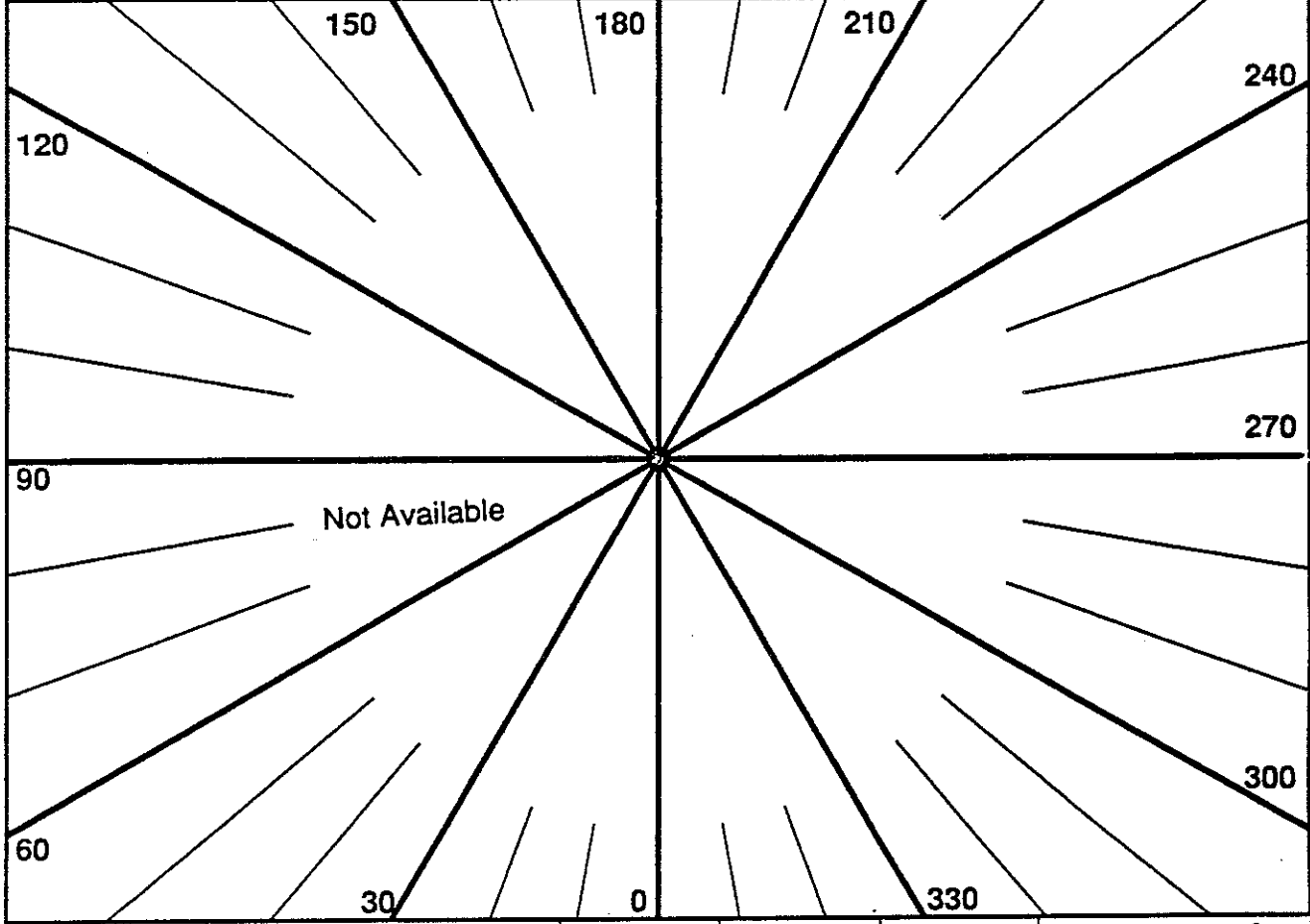


ID: 1111-30
Names: C-AUSTIN
% Pol: ~30% in continuum
Pos Ang: perp to sun-comet line
Phase: ~101 (May 10)
Mechanism: contin - dust scat
lines - resonance scat
Comments: First comet pointing.
Center in coma for greatest
signal. Do not saturate OH 3090
spectrum to be used to replan
spec mag for later ptngs and
to compare OH pol with PBO.
Primary interest: OH, CS line
pol.



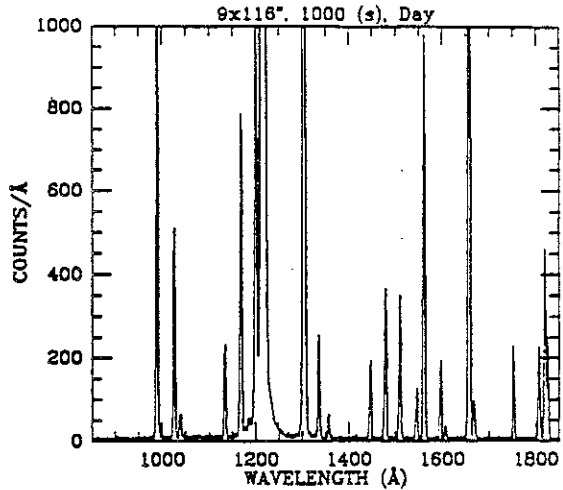
UIT
Observation Description

1 RA 340.0000 DEC 29.8333 ROLL 115.50 ID 1111-40
 2 TIME 869 MANOPS TRACK NAME C-AUSTIN

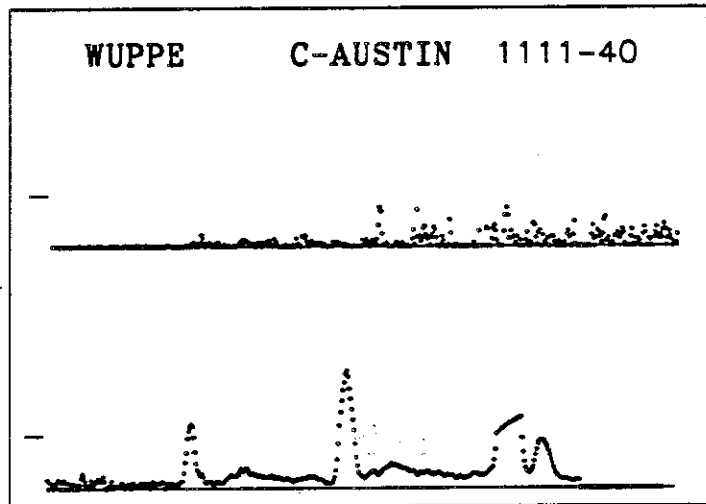


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	368	man sim	9 ¹²	9 ¹²	4.0	5	2	1	---	-	-	---	-	-	LCDATA HUTMAN
4	W	188	nlc ngd	9	7	4.6		7	6	---	---	---	---	---	---	RETSAT NOLOC
5	U	172	DT -	T F	31	a1	31	a4	-	-	-	-	-	-	-	DRIAST
6	H	HOP	ITEM 90_5_1	(loc=obs ap)			16	I	for grnd analysis							
7	JAC	ITEM 16_0	17 JAC HUT ITEM 5													
8		Config H W U	18 All BEGIN													
9		-----	19 W NOTE: Expect RET SIG msg													
10	JAC	All SETUP	20 JOB Observe													
11	J	Chk Stat -CUR -PAU RDY	21 JAC All PREVIEW													
12		IMC BEGIN	22 All QUIT													
13	I	IMC Chk AST TRK *	23 -----													
14	I	ITEM 13 (DRIRU only)	24 JAC ITEM 16_1													
15	I	NOTE: AST TRK data req'd	25 H HOP ITEM 90_5_0 (restore)													

OBJECT: comet Austin
KEYWORDS: comet, coma
COMMENTS: 1111-10, 1111-40 and 1111-50



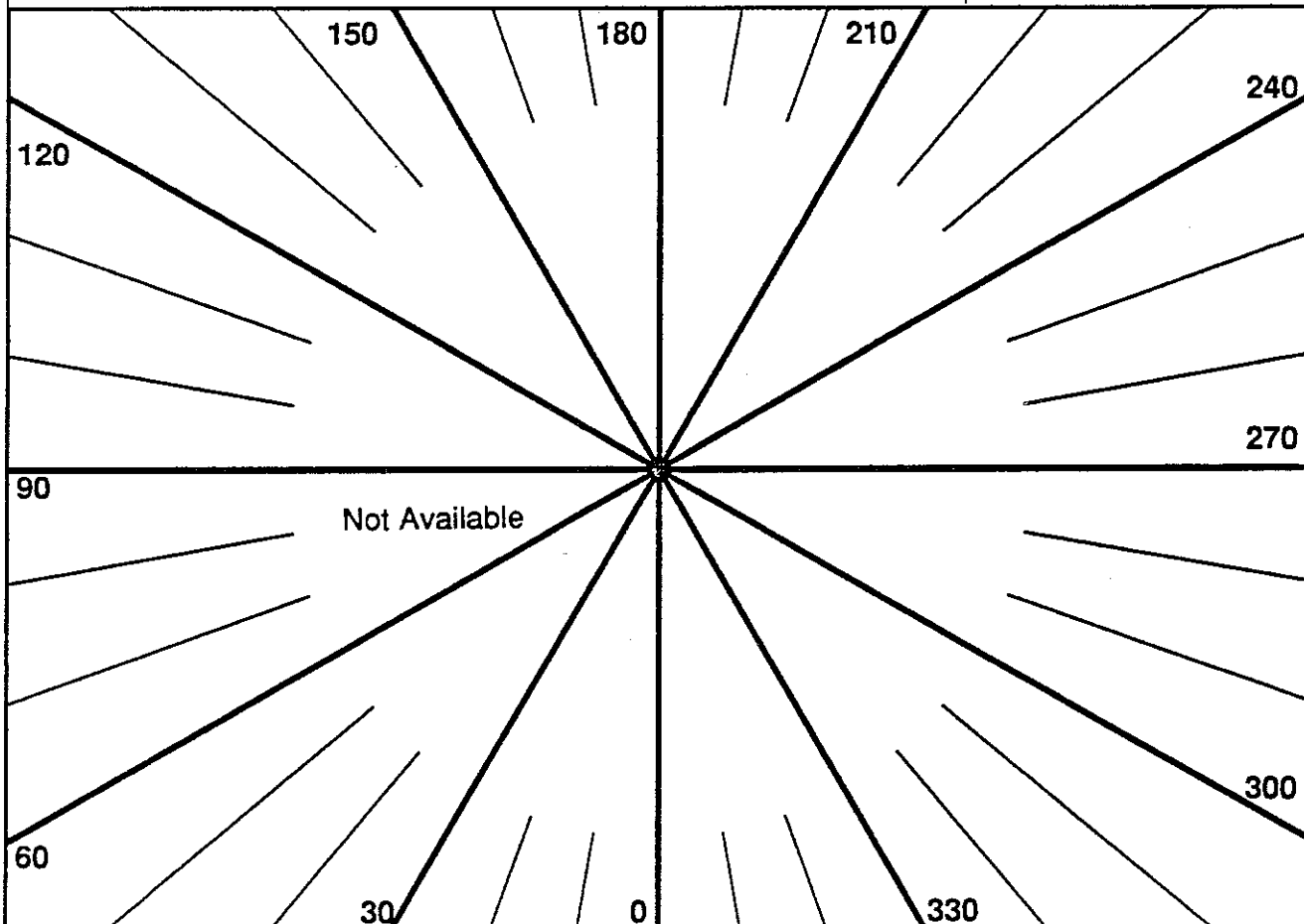
ID: 1111-40
Names: C-AUSTIN
% Pol: ~30% in continuum
Pos Ang: perp to sun-comet line
Phase: ~87 (May 16)
Mechanism: contin - dust scat
lines - resonance scat
Comments: Center in coma for
greatest signal. OH 3090 will
saturate, others should not.
Primary interest: continuum pol
wavelength dep; CI 1657, 1931,
SI 1820 atomic resonance lines.



UIT
Observation Description

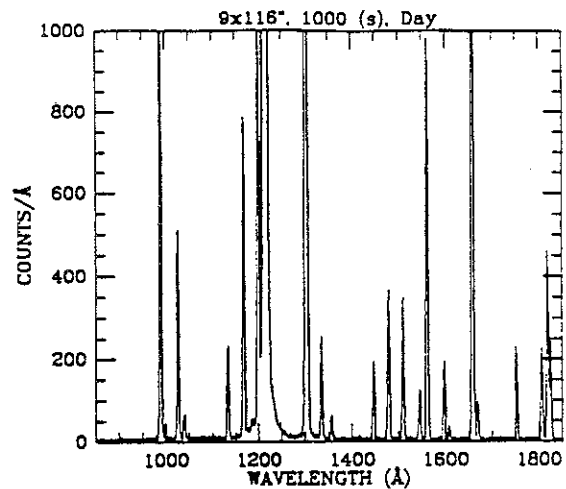
1 RA 326.1692 DEC 22.2422 ROLL 17.40
 2 TIME 487 MANOPS TRACK

ID 1111-50
 NAME C-AUSTIN

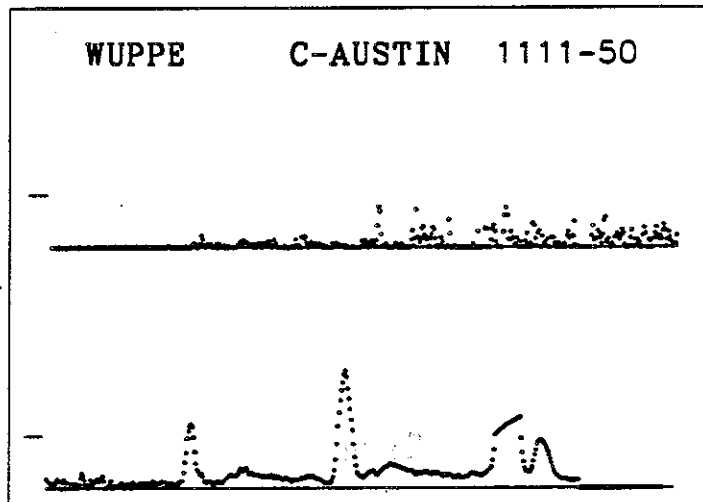


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2		
3	P H	371	man sim	¹² / ₉	¹² / ₉	4.0	5	2	1	---	---	---	---	---	LCDATA	HUTMAN		
4	W	188	nlc ngd	9	7	4.6		7	6	---	---	---	---	---	RETSAT	NOLOC		
5	U	13	DT -	T F	31	a4		-	-	-	-	-	-	-		DRIAST		
6	H	HOP	ITEM 90_5_1 (loc=obs ap)				16	I	for grnd analysis									
7	JAC	ITEM 16_0				17	JAC	HUT ITEM 5										
8		Config H W U				18		All BEGIN										
9		-----				19	W	NOTE: Expect RET SIG msg										
10	JAC	All SETUP				20	JOB	Observe										
11	J	Chk Stat -CUR -PAU RDY				21	JAC	All PREVIEW										
12		IMC BEGIN				22		All QUIT										
13	I	IMC Chk AST TRK *				23		-----										
14	I	ITEM 13 (DRIRU only)				24	JAC	ITEM 16_1										
15	I	NOTE: AST TRK data req'd				25	H HOP	ITEM 90_5_0 (restore)										

OBJECT: comet Austin
KEYWORDS: comet, coma
COMMENTS: 1111-10, 1111-40 and 1111-50



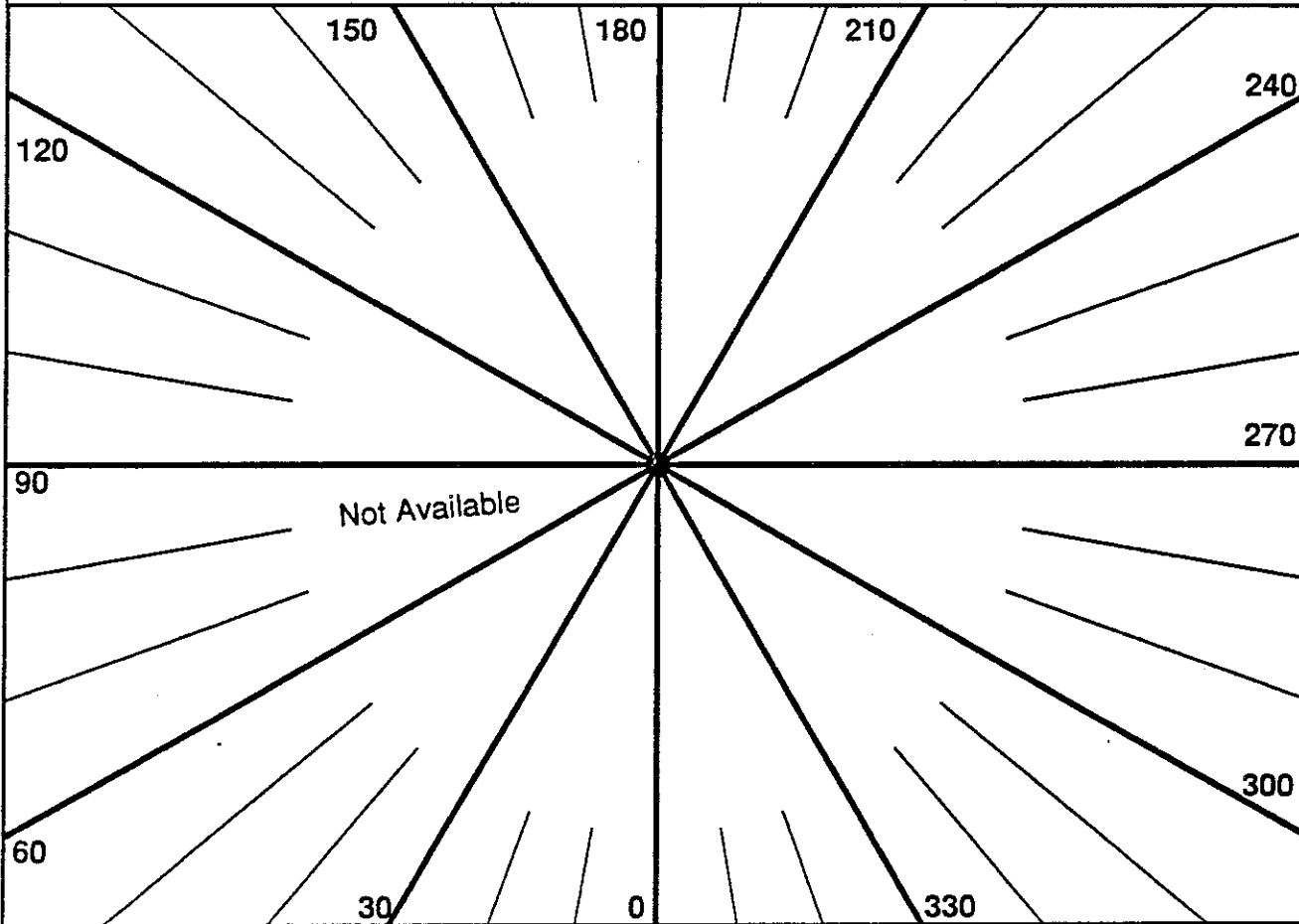
ID: 1111-50
Names: C-AUSTIN
% Pol: ~30% in continuum
Pos Ang: perp to sun-comet line
Phase: ~84 (May 17)
Mechanism: contin - dust scat
lines - resonance scat
Comments: Center in coma for
greatest signal. OH 3090 will
saturate, others should not.
Primary interest: continuum pol
wavelength dep; CI 1657, 1931,
SI 1820 atomic resonance lines.



UIT
Observation Description

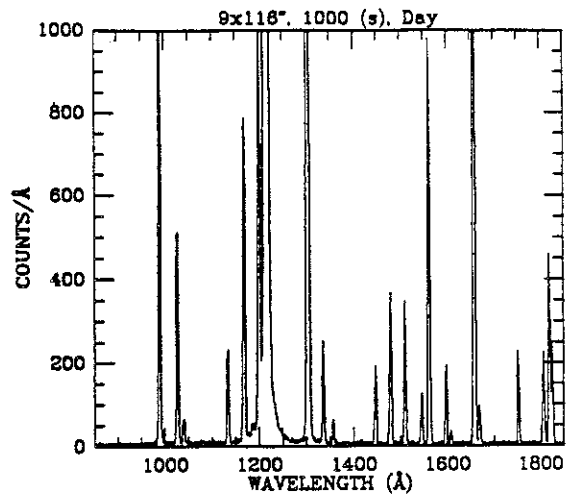
1 RA 324.8283 DEC 21.4328 ROLL 18.10
 2 TIME 678 MANOPS TRACK

ID 1111-60
 NAME C-AUSTIN

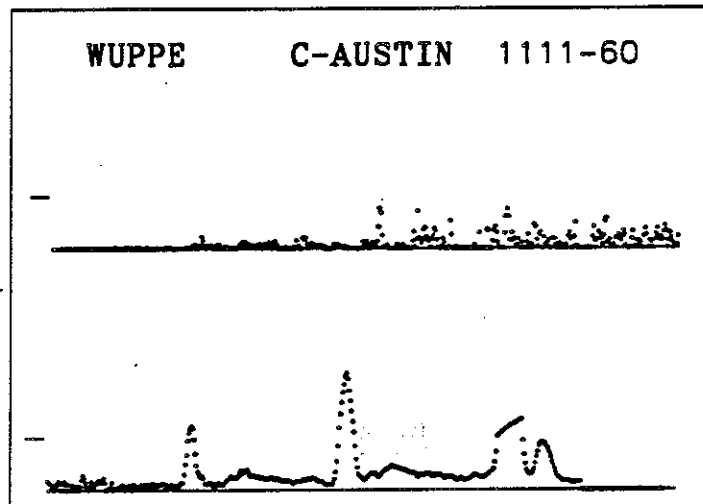


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P	H	372	man	sim	12	9	9	4.0	5	2	1	---	---	---	SAAMAN LCDATA
4	W	188	nlc	ngd	9	7	4.6	7	6	---	---	---	---	---	---	RETSAT NOLOC
5	U	235	DT	-	T	F	31	a1	31	b5	-	-	-	-	-	DRIAST
6	H	HOP	ITEM	90	5_1	(loc=obs	ap)	19	JAC	HUT	ITEM	5				
7	H	-	VIP	ON	until	SAA	exit	20	H	-	After	SAA	exit			
8	JAC	Config	H	W	U			21	H	JAC	ITEM	16	0			
9								22	H		HUT	SETUP				
10	H	-	Note:	Acquisition	in	SAA		23	H		Chk	HUT	Stat	-CUR		
11	JAC	All	SETUP					24			All	BEGIN				
12	J	Chk	Stat	-	-PAU	RDY		25	W		NOTE:	Expect	RET	SIG	msg	
13	H	TV	Verify	HUT	acq	on	TV	26	JOB	Observe						
14	JAC	IMC	BEGIN					27	JAC	All	PREVIEW					
15	I	IMC	Chk	AST	TRK	*		28		All	QUIT					
16	I		ITEM	13	(DRIRU	only)		29								
17	I		NOTE:	AST	TRK	data	req'd	30	JAC	ITEM	16	1				
18	I		for	grnd	analysis			31	H	HOP	ITEM	90	5_0	(restore)		

OBJECT: comet Austin
KEYWORDS: comet, coma
COMMENTS: 1111-10, 1111-40, 1111-50,
and 1111-60



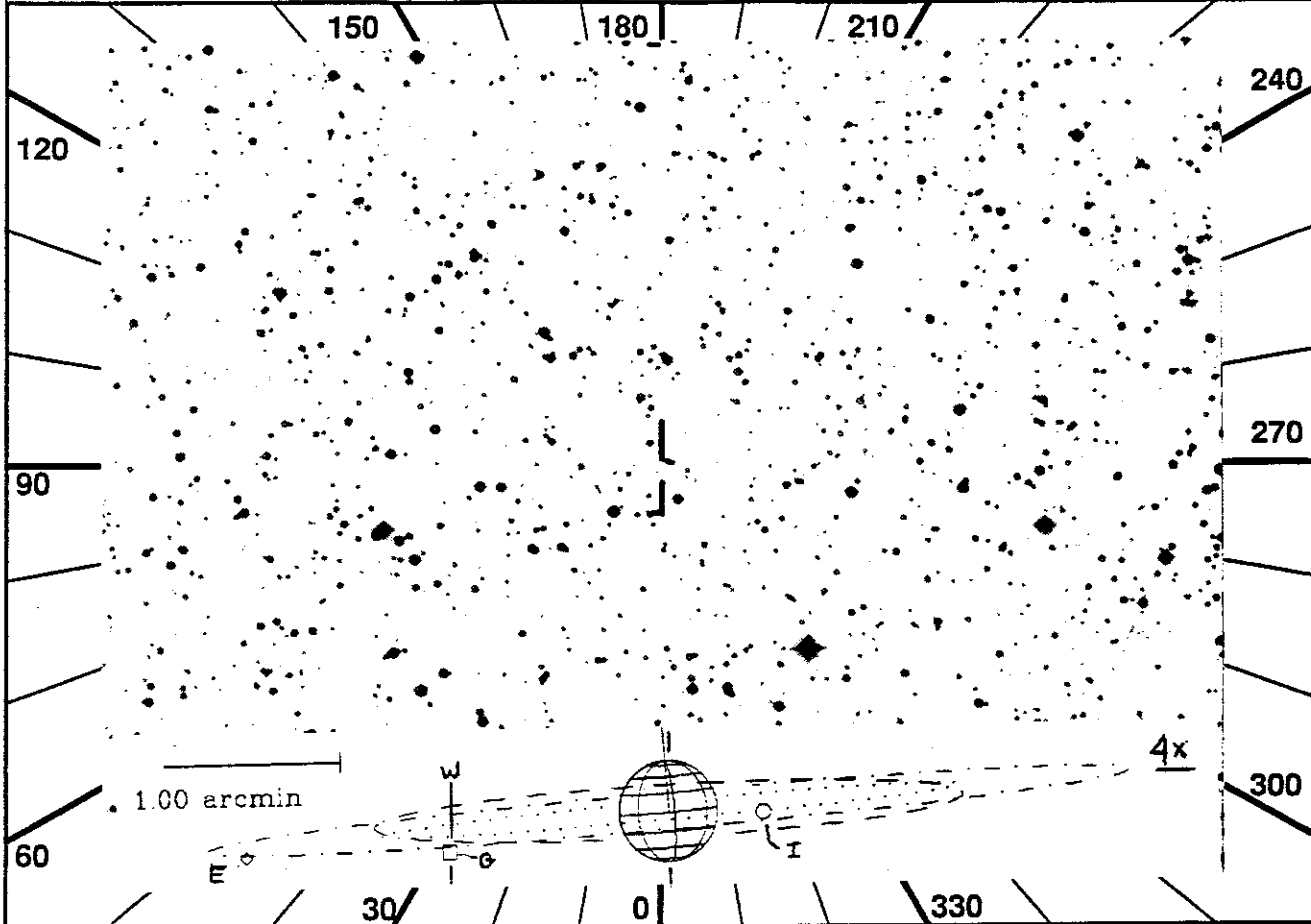
ID: 1111-60
Names: C-AUSTIN
% Pol: ~30% in continuum
Pos Ang: perp to sun-comet line
Phase: ~81 (May 18)
Mechanism: contin - dust scat
lines - resonance scat
Comments: Center in coma for
greatest signal. OH 3090 will
saturate, others should not.
Primary interest: continuum pol
wavelength dep; CI 1657, 1931,
SI 1820 atomic resonance lines.



UIT
Observation Description

1 RA 97.0108 DEC 23.4068 ROLL 355.10
 2 TIME 1672 MANOPS TRACK

ID 1204-40
 NAME JUPITER

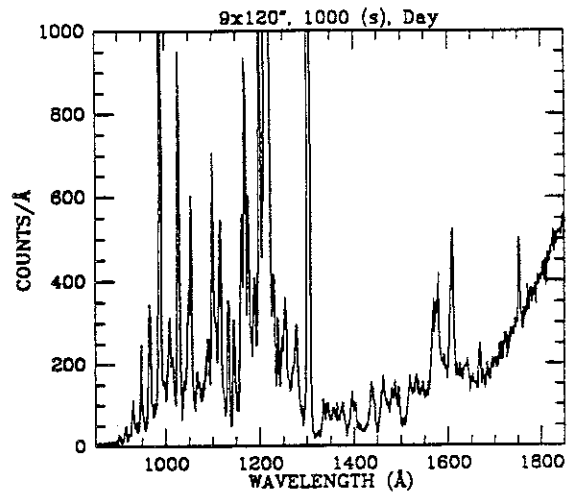


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P	H	183	man	hrs	4	4	4.0	5	2	1	---	---	---	JUPMAN	SAAMAN
4	W	116	aut	aut	4	8	3.6		8	6	76	---	---	---	GANY	
5	U	246	DT	-	T	F	31	a5	31	b5	-	-	-	-		DRIRU
6	H	HOP	ITEM	90_5_1	(loc=obs ap)				19	W		WUP	tgt	is	Ganymede	
7	I	IMC	ITEM	13	(DRIRU only)				20	W		(see	chart)			
8	I		ITEM	14	(IMCS TRACK)				21	H	-	After	SAA	exit		
9	H	-	VIP	ON	until SAA exit				22	H	JAC	ITEM	16	0		
10	JAC	Config	H	W	U				23	H		HUT	SETUP			
11									24	H		Chk	HUT	Stat	-CUR	
12	H	-	Note:	Acquisition	in SAA				25			All	BEGIN			
13	JAC	All	SETUP						26		JOB	Observe				
14	H	TV	Center	up	HUT on planet				27		JAC	All	PREVIEW			
15	H	JAC	Chk	Stat	- -LOC RDY				28			All	QUIT			
16	H	TV	Verify	HUT	acq on TV				29							
17	I	IMC	ITEM	12	(IMCS oper)				30		JAC	ITEM	16	1		
18	JAC	HUT	ITEM	5					31	H	HOP	ITEM	90_5_0	(restore)		

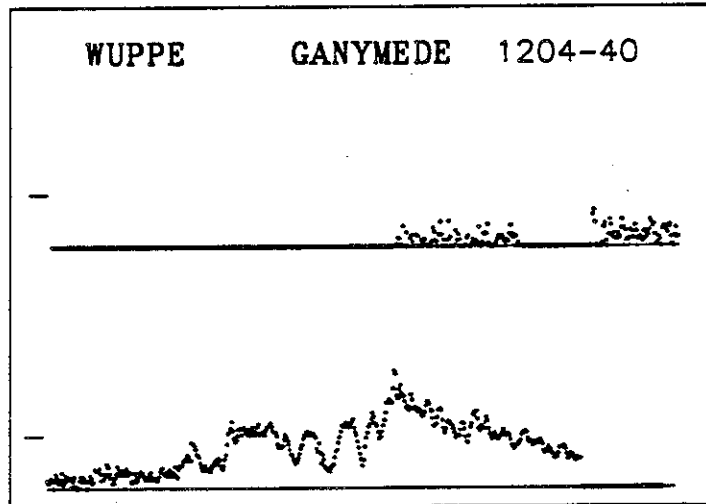
dead

|

OBJECT: Jupiter aurora
KEYWORDS: planet, aurora
COMMENTS: 1204-40 only
signal will be variable with
position of slit on planet.



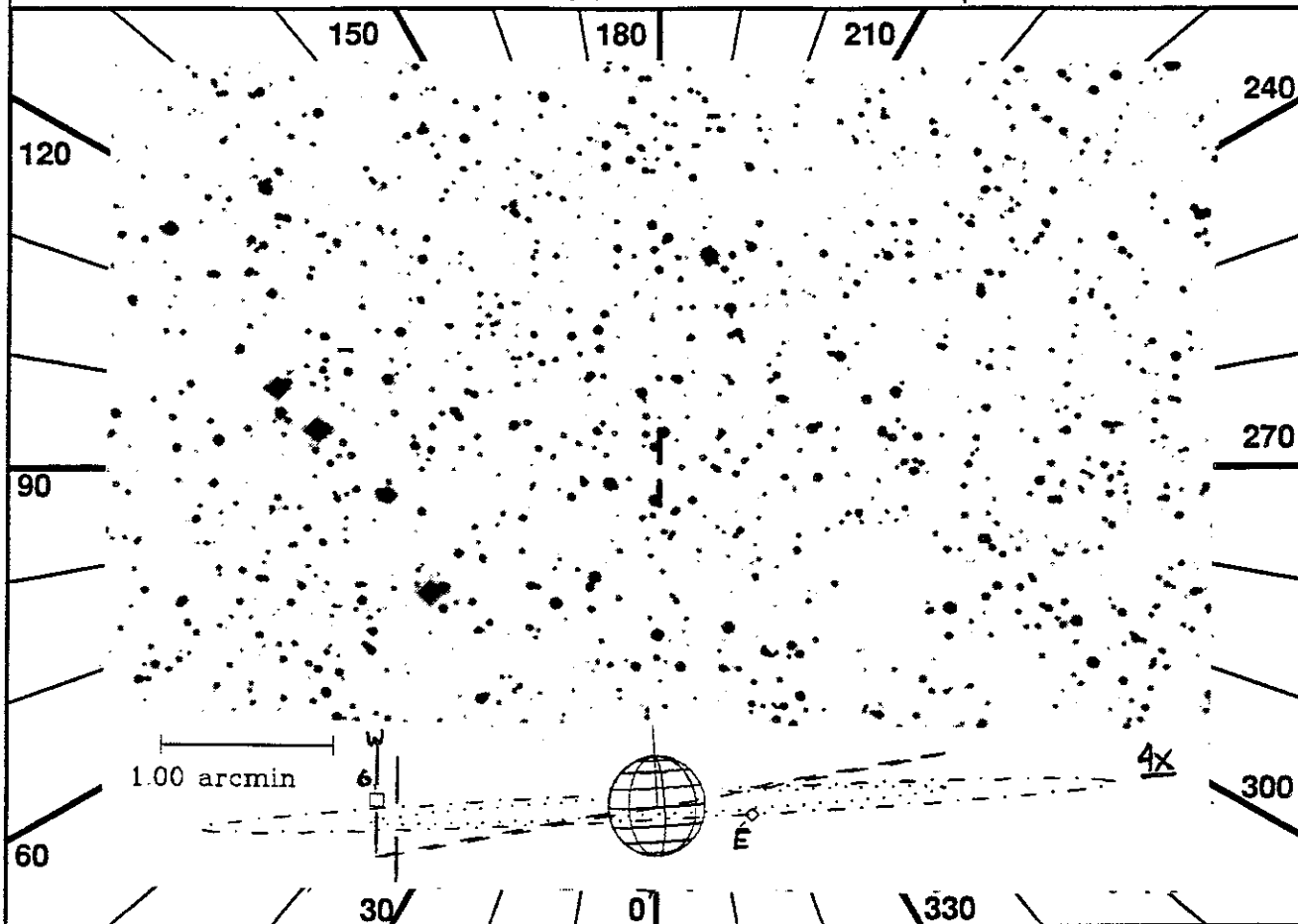
ID: 1204-40
Names: JUPITER (GANYMEDE)
Type: Satellite
Phase: 8.1 deg (May 14)
% Pol: +/- 0.1
Pos Ang: perp to sun-plan line
Mechanism: Scattering by soil
Comments: Backscattering from
soil exhibits "crossover" to
"negative" pol (par to scat
plane). PBO data shows cross-
over at phase ~12 in red, ~7
in blue: wavelength dep un-
explained. What happens in
UV? Do UV albedo changes
show up in polarization?
SATELLITE OFFSET ASSUMES HUT
POINTS IPS AT PLANET CENTER.



UIT
Observation Description

1 RA 96.4721 DEC 23.4229 ROLL 355.10
 2 TIME 1806 MANOPS TRACK

ID 1204-50
 NAME JUPITER

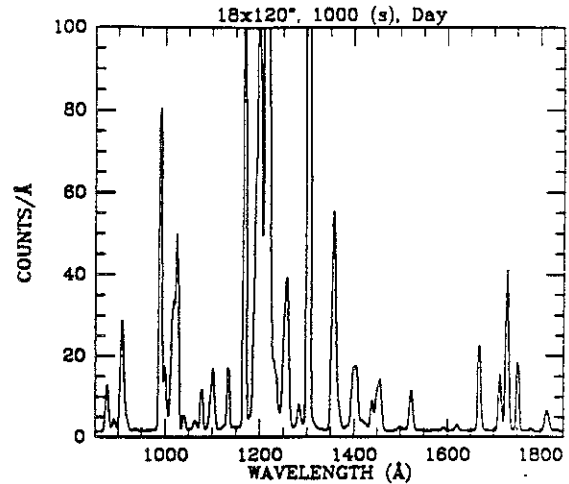


SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	87	gde sim	4	6	3.9	5	6	1	---	---	---	---	---	LCDATA	SAA AC
4	W	281	aut aut	4	8	3.6		8	6	20	---	---	---	---	GANY	
5	U	181	DT -	T F	310	b5		31	b1	31	b6	31	a1	---		DRIRU
6	H	HOP	ITEM 90_5_1 (loc=obs ap)					19	W						(see chart)	
7	I	IMC	ITEM 13 (DRIRU only)					20	H	-					After SAA exit	
8	I		ITEM 14 (IMCS TRACK)					21	H	JAC	ITEM 16_0					
9	H	-	VIP ON until SAA exit					22	H		HUT SETUP					
10	JAC		Config H W U					23	H		Chk HUT Stat -LOC					
11			-----					24			All BEGIN					
12	H	-	Note: Acquisition in SAA					25		JOB	Observe					
13	JAC		All SETUP					26		JAC	All PREVIEW					
14	H		Chk Stat - -LOC RDY					27			All QUIT					
15	H	TV	Verify HUT acq on TV					28			-----					
16	I	IMC	ITEM 12 (IMCS oper)					29		JAC	ITEM 16_1					
17	JAC		HUT ITEM 5					30	H	HOP	ITEM 90_5_0 (restore)					
18	W		WUP tgt is Ganymede													

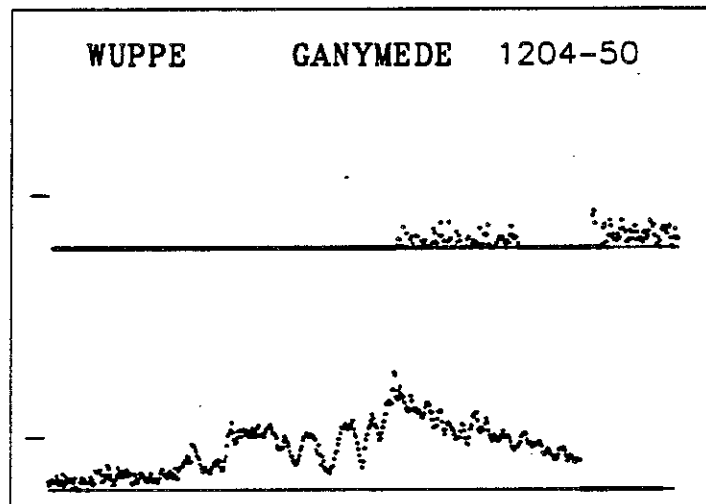
dead

|

OBJECT: Jupiter: Io torus
KEYWORDS: planet, satellite, plasma
COMMENTS: 1204-50 and 1204-60
signal will be variable with
position of slit.

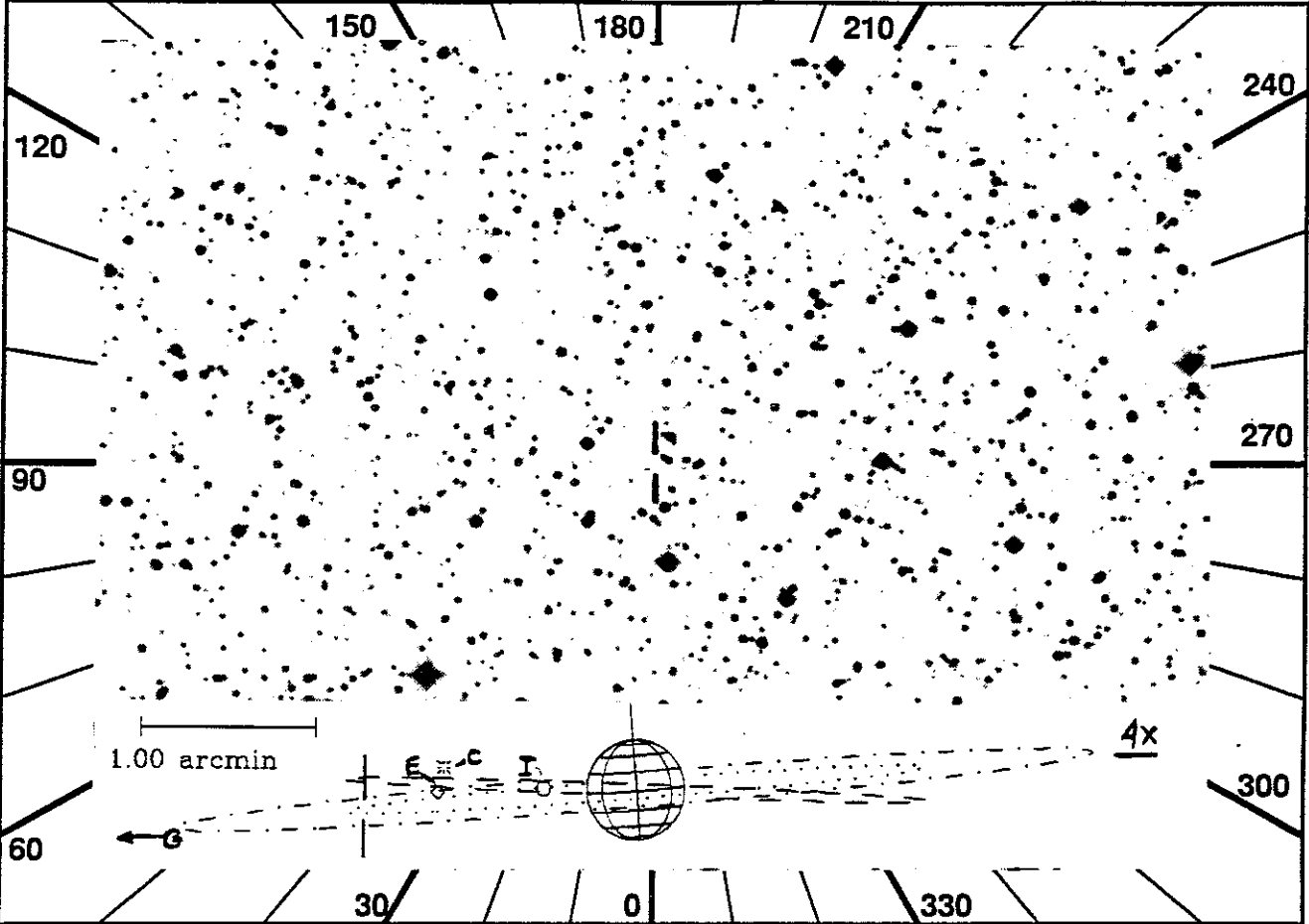


ID: 1204-50
Names: JUPITER (GANYMEDE)
Type: Satellite
Phase: 8.4 deg (May 11)
% Pol: +/- 0.1
Pos Ang: perp to sun-plan line
Mechanism: Scattering by soil
Comments: Backscattering from
soil exhibits "crossover" to
"negative" pol (par to scat
plane). PBO data shows cross-
over at phase ~12 in red, ~7
in blue: wavelength dep un-
explained. What happens in
UV? Do UV albedo changes
show up in polarization?
SATELLITE OFFSET ASSUMES HUT
POINTS IPS AT IO EAST TORUS.



UIT
Observation Description

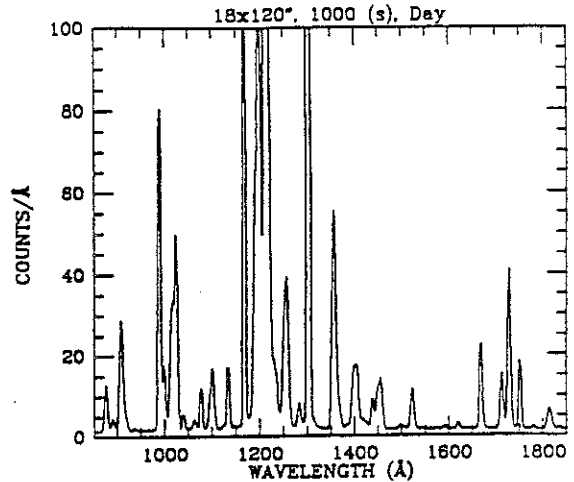
1 RA 96.8478 DEC 23.4127 ROLL 1.70 ID 1204-60
 2 TIME 1118 MANOPS TRACK NAME JUPITER



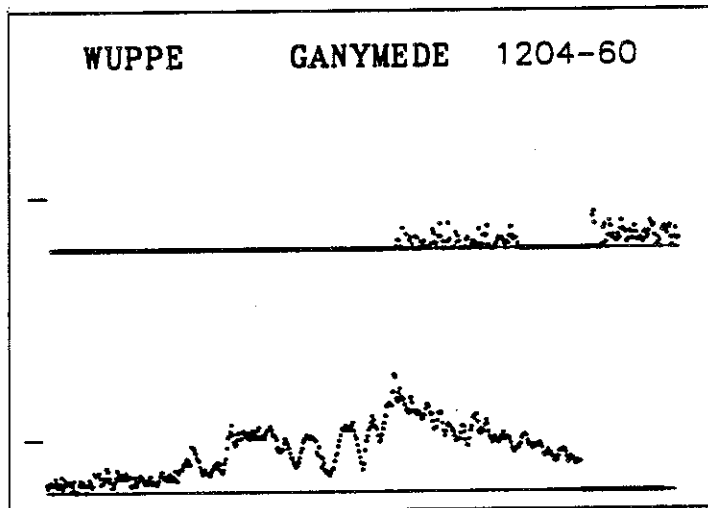
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	153	gde sim	4	7	3.9	5	6	1	---	---	---	---	---	LCDATA	SAA AC
4	W	282	aut aut	4	8	3.6		8	6	124	---	---	---	---	GANY	
5	U	247	DT -	T F	31	a2	31	a4	-	-	-	-	-	-		DRIRU
6	H	HOP	ITEM 90_5_1 (loc=obs ap)					19	W		(see chart)					
7	I	IMC	ITEM 13 (DRIRU only)					20	H	-	After SAA exit					
8	I		ITEM 14 (IMCS TRACK)					21	H	JAC	ITEM 16_0					
9	H	-	VIP ON until SAA exit					22	H		HUT SETUP					
10	H	JAC	Config H W U					23	H		Chk HUT Stat -LOC					
11			-----					24			All BEGIN					
12	H	-	Note: Acquisition in SAA					25		JOB	Observe					
13	H	JAC	All SETUP					26		JAC	All PREVIEW					
14	H		Chk Stat - -LOC RDY					27			All QUIT					
15	H	TV	Verify HUT acq on TV					28			-----					
16	I	IMC	ITEM 12 (IMCS oper)					29		JAC	ITEM 16_1					
17	H	JAC	HUT ITEM 5					30	H	HOP	ITEM 90_5_0 (restore)					
18	W		WUP tgt is Ganymede													

dead
|

OBJECT: Jupiter: Io torus
KEYWORDS: planet, satellite, plasma
COMMENTS: 1204-60 and 1204-60
signal will be variable with
position of slit.

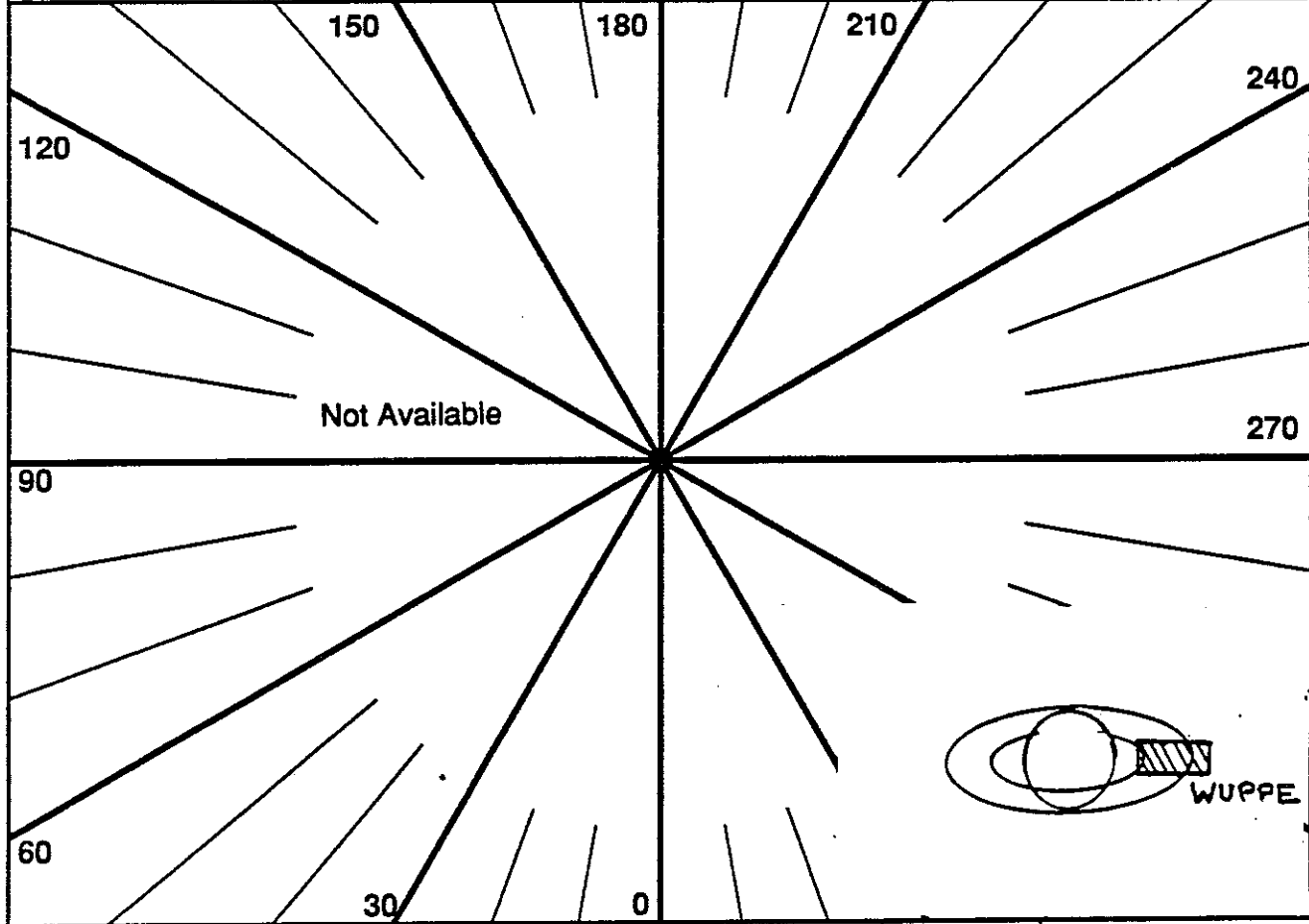


ID: 1204-60
Names: JUPITER (GANYMEDE)
Type: Satellite
Phase: 8.2 deg (May 13)
% Pol: +/- 0.1
Pos Ang: perp to sun-plan line
Mechanism: Scattering by soil
Comments: Backscattering from
soil exhibits "crossover" to
"negative" pol (par to scat
plane). PBO data shows cross-
over at phase ~12 in red, ~7
in blue: wavelength dep un-
explained. What happens in
UV? Do UV albedo changes
show up in polarization?
SATELLITE OFFSET ASSUMES HUT
POINTS IPS AT IO EAST TORUS.



UIT
Observation Description

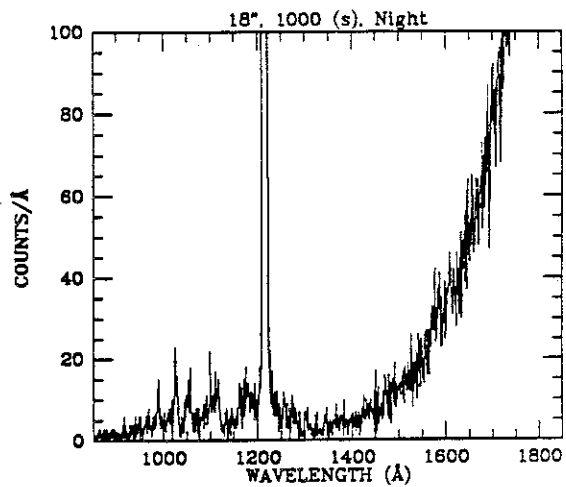
1 RA 297.2386 DEC -20.9065 ROLL 189.99 ID 1206-11
 2 TIME 2624 MANOPS TRACK NAME SATURN



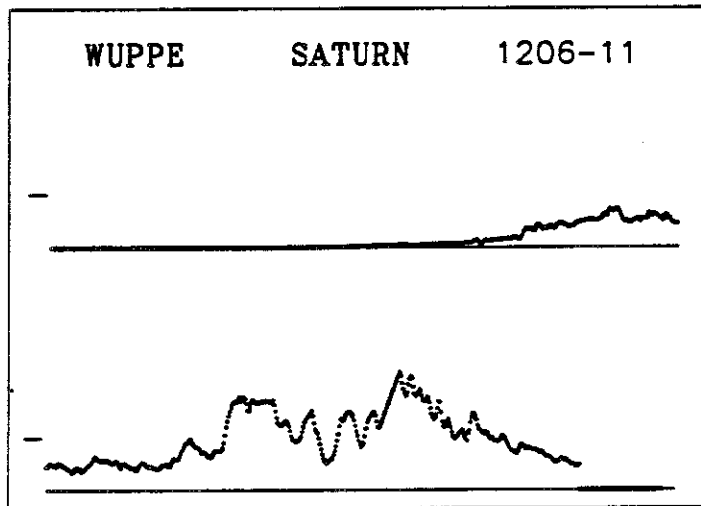
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2			
3	S	H	66	man	sim	5	5	2.8	5	7	4	---	---	---	LCDATA	SATMAN			
4	W	113	ncn	ngd	6	7	4.2		8	6	18	---	---	---	RING				
5	U	196	DT	-	T	F	62	b1	12	b6	124	a2	124	a5	---	---	LTSTRT	DRIRU	
6	H	HOP	ITEM	90_5_1	(loc=obs ap)				23								All	BEGIN	
7	I	IMC	ITEM	13	(DRIRU only)				24	W							*IF	aper	miscentered
8	I		ITEM	14	(IMCS TRACK)				25	W							* WUP	ITEM	8 (Pause)
9	JAC		ITEM	16_0					26	W							* WUP	ITEM	4 (Cur on)
10			Config	H W U					27	W							* WUP	Cur	to recenter
11			-----						28	W							* WUP	ITEM	6 (Cntr)
12	JAC		All	SETUP					29	W							* WUP	ITEM	4 (Cur off)
13	H	TV	Center	up	HUT on planet				30	W							* WUP	ITEM	9 (Proceed)
14	J	JAC	Chk	Stat	-CUR -CUR RDY				31	U	JOB						Wait	for	TIME AVAIL 2184
15	I	IMC	ITEM	12	(IMCS oper)				32	U							UIT	BEGIN	
16	JAC		HUT	ITEM	5				33	U	JAC						Config	with	UIT
17	W		WUP	PFKs	Cur to ring,				34		JOB						Observe		
18	W			18"	W of planet center:				35	JAC							All	PREVIEW	
19	W			avoid	planet contam				36								All	QUIT	
20	W		WUP	ITEM	6 (Cntr)				37								-----		
21	W		WUP	ITEM	4 (Cur off)				38	JAC							ITEM	16_1	
22	U		Config	without	UIT				39	H	HOP						ITEM	90_5_0	(restore)

center on planet

OBJECT: Saturn with aurora
KEYWORDS: planet, aurora
COMMENTS: 1206-10
entire planet in aperture



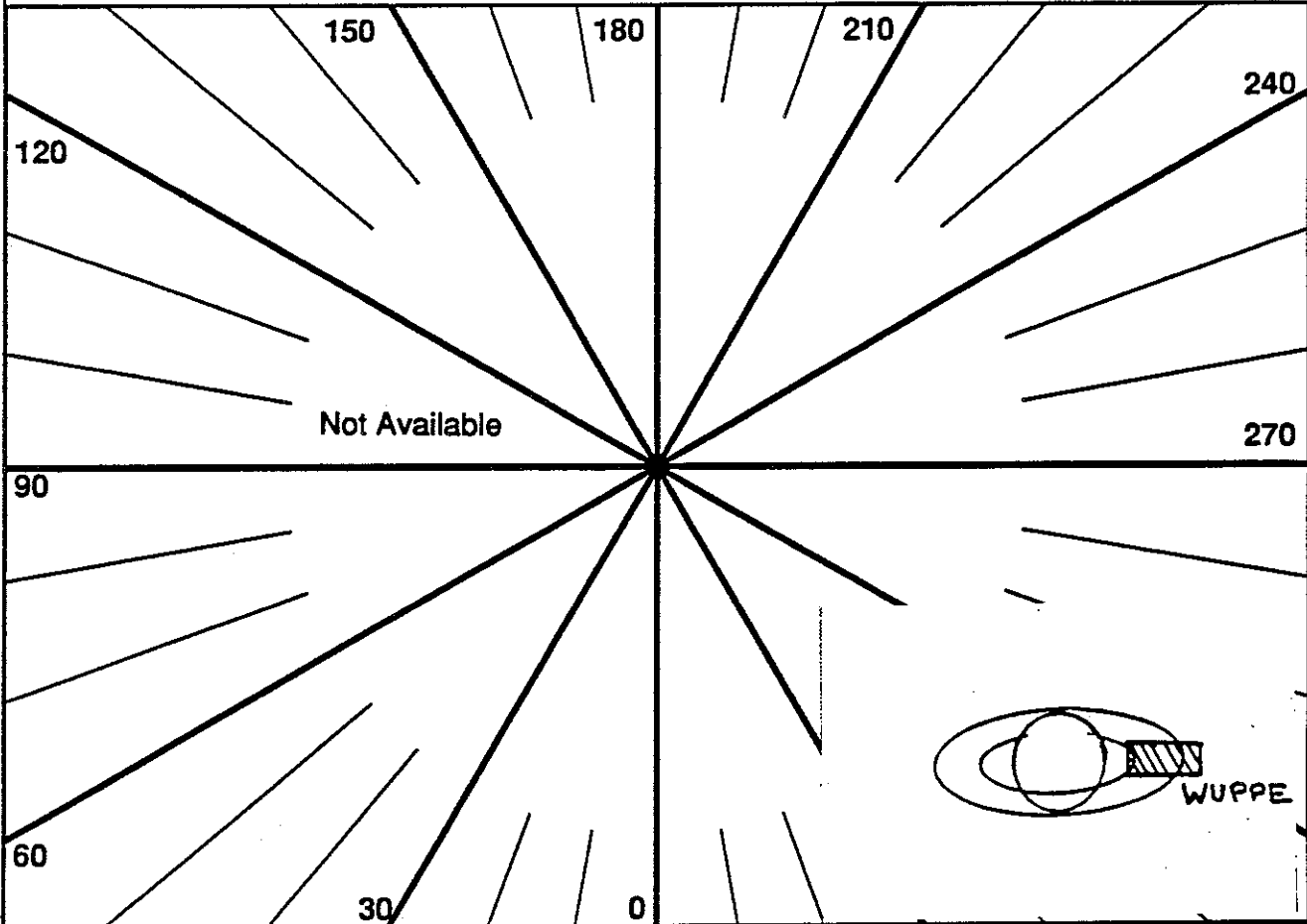
ID: 1206-11
Names: SATURN (Rings)
Phase: 5.3 deg (May 10)
% Pol: 0.6
Pos Ang: par to sun-plan line
Mechanism: Scattering from
ring particles
Comments: West Ansa, rings
A+B. Ring particles also
exhibit pol "crossover", like
soil scattering, prob due to
particle roughness. At this
phase, pol is negative at
visible wavelengths.



UIT
Observation Description

1 RA 297.2386 DEC -20.9065 ROLL 351.40
 2 TIME 1058 MANOPS TRACK

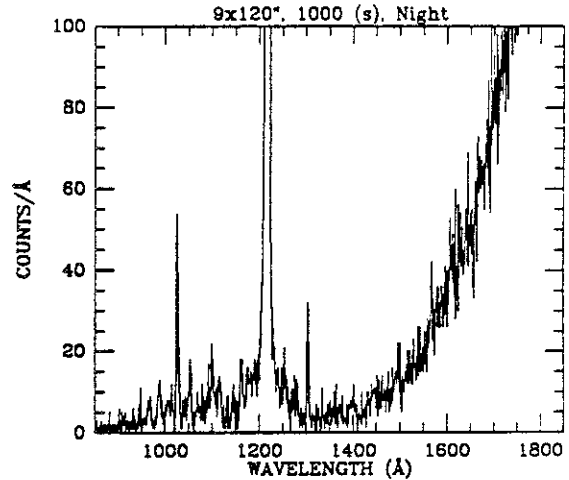
ID 1206-20
 NAME SATURN



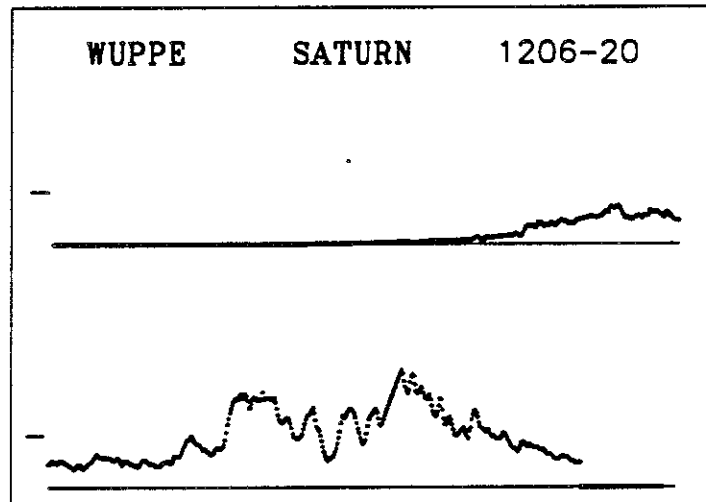
SEQ	LOC	OBS	MAG	LGR	D	A	FM	OF	A	FM	OF	A	FM	OF	ALT1	ALT2
3	P H	327	man sim	5	5	3.1	5	2	1	---	---	---	---	---	LCDATA	SATMAN
4	W	113	ncn ngd	6	7	4.2		8	6	18	---	---	---	---	RING	
5	U	235	DT -		T F	31 a1		31	b5		---	---	---	---		DRIRU
6	H	HOP	ITEM 90_5_1	(loc=obs ap)			21	W							WUP	ITEM 4 (Cur off)
7	I	IMC	ITEM 13	(DRIRU only)			22								All	BEGIN
8	I		ITEM 14	(IMCS TRACK)			23	W							*IF	aper miscentered
9	JAC		ITEM 16	0			24	W							* WUP	ITEM 8 (Pause)
10			Config	H W U			25	W							* WUP	ITEM 4 (Cur on)
11			-----				26	W							* WUP	Cur to recenter
12	JAC		All	SETUP			27	W							* WUP	ITEM 6 (Cntr)
13	H	TV	Center	up HUT on planet			28	W							* WUP	ITEM 4 (Cur off)
14	J	JAC	Chk	Stat -CUR -CUR RDY			29	W							* WUP	ITEM 9 (Proceed)
15	I	IMC	ITEM 12	(IMCS oper)			30								JOB	Observe
16	JAC		HUT	ITEM 5			31	JAC							All	PREVIEW
17	W		WUP	PFks Cur to ring,			32								All	QUIT
18	W		18"	W of planet center:			33								-----	
19	W		avoid	planet contam			34	JAC							ITEM	16_1
20	W		WUP	ITEM 6 (Cntr)			35	H	HOP	ITEM	90_5_0	(restore)				

center
 |

OBJECT: Saturn with aurora
KEYWORDS: planet, aurora
COMMENTS: 1206-20
signal will vary with position
of slit on planet.



ID: 1206-20
Names: SATURN (Rings)
Phase: 5.3 deg (May 11)
% Pol: 0.6
Pos Ang: par to sun-plan line
Mechanism: Scattering from
ring particles
Comments: West Ansa, rings
A+B. Ring particles also
exhibit pol "crossover", like
soil scattering, prob due to
particle roughness. At this
phase, pol is negative at
visible wavelengths.



UIT
Observation Description