

PROJECT 10073 RECORD CARD

1. DATE 22 & 23 September 1963		2. LOCATION Cody, /Wyoming		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☒ Was Astronomical Jupiter ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local _____ GMT 23/0400-1000Z		4. TYPE OF OBSERVATION ☒ Ground-Visual 75x TX ☐ Air-Visual ☐ Ground-Radar ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE civilian			
7. LENGTH OF OBSERVATION 6 hrs		8. NUMBER OF OBJECTS four		9. COURSE Westerly	
10. BRIEF SUMMARY OF SIGHTING Elongated twisted cigar shaped obj with fireball on one end and brilliant light on other end. Observed through 75x TX. Obj appeared to be 4ft long 8" in diameter. Deep red color. Three small lights associated with obj not necessarily attached. No exhaust or trail. Unusually bright light, easily seen with naked eye. Initial sighting 29 deg elevation in East with termination due South at high angle. Obj still visible. Flight path slow to SW, with obj rolling slowly causing small lights to grow dimmer and brighter. Also observed on the following night.				11. COMMENTS Observation of Jupiter and it's Satellites through TX.	

23-24 Sep
DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

I N C O M I N G

AF IN : 10237 (24 Sep 63) A/erp

ACTION: NIN-9

Pg 1 of 4

INFO : XOP-1, XOPX-4, SAF-OS-3, DIA-25, DIA-CIIC-2 (44)

SNB 8180

ZCZCHQA753ZCWJX589

PP RUEAHQ

DE RUWGKFH 23A 24/0856Z

ZNR

P 240840Z

FM GRADS MALMSTROM AFB MONT

TO RUWGALE/AIR DEFENSE COMMAND ENT AFB COLO

RUWGKF/29TH AIR DIVISION RICHARD GEBUR NO

RUCDSC/AIR TECHNICAL INTELLIGENCE CENTER WRIGHT PATTERSON AFB OHIO

RUEAHQ/HQ USAF AFCIN WASH 25 D C

RUEAHQ/SECRETARY OF THE AIR FORCE SAFIS WASH 25 D C

BT

UNCLAS GREAC-1351

THIS REPORT SUBMITTED IN ACCORDANCE WITH AFR 200-2, SUBJ UFO
PARAGRAPH 15A

(1) ELONGATED TWISTED CIGAR SHAPE FIRE BALL ONE END, BRILLIANT
BLUE WHIT LIGHT ON OTHER END.

(2) EIGHT INCH DIAMETER, 4 FEET LONG AS SEEN THROUGH 75 POWER
TELESCOPE.

(3) FIRE BALL DEEP RED.

(4) ONE

(5) N/A

AF IN : 10237 (24 Sep 63)
PAGE 2 RUWGRFH 23A UNCLAS

I N C O M I N G

(6) THREE ADDITIONAL SMALL LIGHTS ASSOCIATED WITH BUT NOT NECESSARILY ATTACHED TO OBJECT.

(7) NO EXHAUST OR TRAIL.

(8) NO SOUND

(9) NONE

PARAGRAPH 15B

(1) UNUSUALLY BRIGHT LIGHT EASILY SEEN WITH NAKED EYE.

(2) 20 DEGREES ELEVATION, DIRECTLY EAST OF CODY WYOMING.

(3) OBJECT WAS SOUTH OF CODY WYOMING STILL AT A HIGH ANGLE WHEN WITNESSES TERMINATED OBSERVATION.

(4) FLIGHT PATH SOUTH WESTERLY, MOVING VERY SLOWLY. OBJECT ROLLS OVER CAUSING SMALL LIGHTS TO ALTERNATELY DIMINISH AND GROW BRIGHTER. OBJECT DOES NOT TURN END FOR END

(5) NOT OBSERVED

(6) SIX HOURS ON 23 SEPT UNDETERMINED ON 24 SEPT.

PARAGRAPH 15C

(1) GROUND VISUAL

(2) 75 POWER TELESCOPE AND POLICE OPTI-SCOPE (MAGNIFICATION)

NOT KNOWN

(3) N/A

PARAGRAPH 15D

AF IN : 10237 (24 Sep 63)
PAGE 3 RUWGKFH 23A UNCLAS INCOMING

(1) FIRST SITING 0400/23 TO 1000/23

SECOND SITING 0215/24 STILL BEING OBSERVED AT 0730/24

(2) NIGHT

E. WITHIN CITY OF CODY WYOMING

F. CIVILIAN [REDACTED] 48.

[REDACTED] BY WYOMING [REDACTED]

OF PARK COUNTY. PHONE AREA CODE [REDACTED] 4. EIGHT
PERSONS INCLUDING TWO LOCAL POLICEMAN WERE ADDITIONAL
WITNESSES.

G. 24 SEP 0215Z-0730Z

1 OBSERVERS ACCOUNT---HIGH CELL DOMINATING AREA.

CLEAR SKIES SFC WINDS CALM

2 WINDS ALOFT 6000 FEET 250/15 10000 FEET 280/20

16000 FEET 240/30 20000 FEET 230/25 30000 FEET 240/55

50000 FEET 260/25

3 VCEILING-UNLIMITED

4 VSBY 10 MILES PLUS

5 CLOUD COVER - NONE

6 THUNDERSTORMS NONE

7 TEMPERATURE 58 DEG F.

AF IN : 10237 (24 Sep 62)
PAGE 4 RUMCKFH 23A UNCLAS

STAFF MESSAGE BRANCH
UNCLASSIFIED MESSAGE

1 N C O M I N G

23 SEPT 0400A-1000Z

- 1 OBSERVERS ACCOUNT---COLD FRONT OVER IDAHO MVG EAST
- 2 WINDS ALOFT SURFACE - CALM 6000 FEET 040/05 10000 FEET
240/11 16000 FEET 270/26 20000 FEET 270/27 30000 FEET
270/42 50000 FEET 290/29
- 3 CEILING - S T NTED
- 4 VSBY 10 PLUS
- 5 CLOUD COVER -- 2 TENTH CIRUS EAST 25000 FEET
- 6 THUNDERSORMS - NONE
- 7 TEMPERATURE - 59

H. NONE

I. NONE

J. AIR TRAFFIC N/A. BALLON RELEASES NOT KNOWN.

K. SENIOR DIRECTOR GREAT FALLS AIR DEFENSE SECTOR.

MILITARY PERSONNEL AT RADAR FACILITY SUNDANCE WYOMING
DID NOT OBSERVE UNUSUAL SITING NOR DID TOWER PERSONNEL AT BILLINGS
MUNICIPAL AIRPORT BILLINGS MONT.

L. NONE

BT

NOTE: Adv copy to DIA and NIN

UNIVERSAL TIME OF GEOCENTRIC PHENOMENA

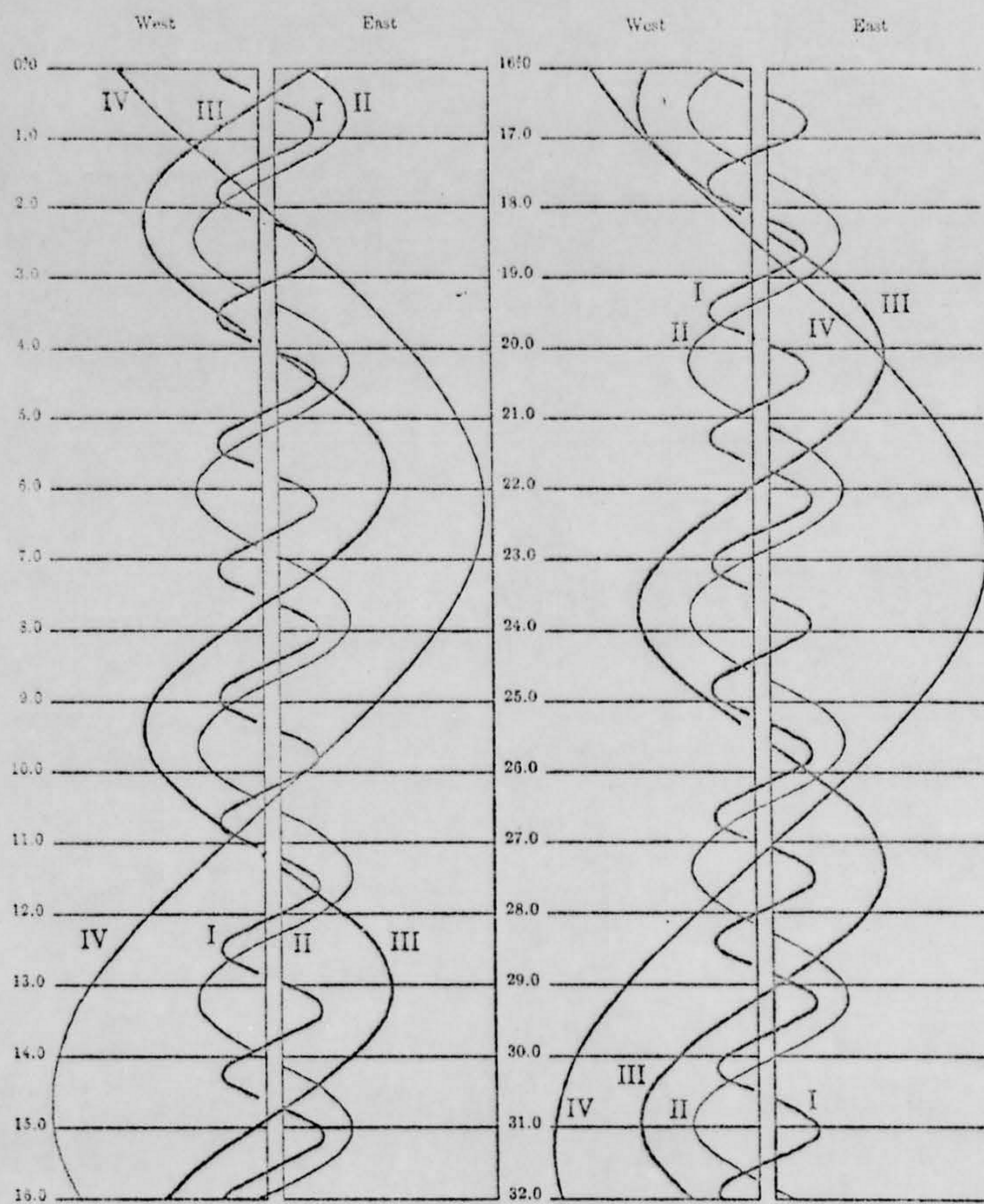
SEPTEMBER

d	h	m		d	h	m		d	h	m		d	h	m	
1	6	10	I. Sh.I.	8	10	16	I. Sh.E.	15	17	25	II. Sh.I.	23	9	13	I. Ec.D.
	7	04	I. Tr.I.		11	00	I. Tr.E.		18	40	II. Tr.I.		11	48	I. Oc.R.
	8	22	I. Sh.E.		14	48	II. Sh.I.		19	54	II. Sh.E.				
	9	14	I. Tr.E.		16	22	II. Tr.I.		21	00	II. Tr.E.	24	6	21	I. Sh.I.
	12	11	II. Sh.I.		17	17	II. Sh.E.						6	44	I. Tr.I.
	14	03	II. Tr.I.		18	42	II. Tr.E.	16	7	18	I. Ec.D.		8	33	I. Sh.E.
	14	40	II. Sh.E.						10	04	I. Oc.R.		8	54	I. Tr.E.
	15	23	II. Tr.E.	9	5	23	I. Ec.D.	17	4	27	I. Sh.I.		14	13	II. Ec.D.
					8	19	I. Oc.R.		5	01	I. Tr.I.		17	21	II. Oc.R.
2	3	29	I. Ec.D.	10	2	33	I. Sh.I.		6	39	I. Sh.E.	25	3	42	I. Ec.D.
	6	34	I. Oc.R.		3	16	I. Tr.I.		7	10	I. Tr.E.		6	14	I. Oc.R.
3	0	39	I. Sh.I.		4	45	I. Sh.E.		11	37	II. Ec.D.		6	59	III. Ec.D.
	1	31	I. Tr.I.		5	26	I. Tr.E.		15	07	II. Oc.R.		10	51	III. Oc.R.
	2	51	I. Sh.E.		9	02	II. Ec.D.	18	1	47	I. Ec.D.	26	0	50	I. Sh.I.
	3	40	I. Tr.E.		12	51	II. Oc.R.		2	57	III. Ec.D.		1	10	I. Tr.I.
	6	27	II. Ec.D.		22	56	III. Ec.D.		4	30	I. Oc.R.		3	02	I. Sh.E.
	10	34	II. Oc.R.		23	52	I. Ec.D.		7	33	III. Oc.R.		3	20	I. Tr.E.
	18	54	III. Ec.D.	11	1	40	III. Ec.R.		22	56	I. Sh.I.		9	21	II. Sh.I.
	21	39	III. Ec.R.		1	59	III. Oc.D.		23	27	I. Tr.I.		10	03	II. Tr.I.
	21	57	I. Ec.D.		2	46	I. Oc.R.	19	1	08	I. Sh.E.		11	49	II. Sh.E.
	22	35	III. Oc.D.		4	13	III. Oc.R.		1	36	I. Tr.E.		12	23	II. Tr.E.
4	0	49	III. Oc.R.		21	01	I. Sh.I.		6	44	II. Sh.I.		22	10	I. Ec.D.
	1	00	I. Oc.R.		21	42	I. Tr.I.		7	48	II. Tr.I.	27	0	40	I. Oc.R.
	19	07	I. Sh.I.		23	13	I. Sh.E.		9	13	II. Sh.E.		19	19	I. Sh.I.
	19	57	I. Tr.I.		23	52	I. Tr.E.		10	08	II. Tr.E.		19	36	I. Tr.I.
	21	19	I. Sh.E.	12	4	07	II. Sh.I.		20	15	I. Ec.D.		21	31	I. Sh.E.
	22	07	I. Tr.E.		5	32	II. Tr.I.		22	57	I. Oc.R.		21	46	I. Tr.E.
5	1	30	II. Sh.I.		6	36	II. Sh.E.	20	17	24	I. Sh.I.	28	3	31	II. Ec.D.
	3	13	II. Tr.I.		7	52	II. Tr.E.		17	53	I. Tr.I.		6	28	II. Oc.R.
	3	59	II. Sh.E.		13	21	I. Ec.D.		19	36	I. Sh.E.		16	39	I. Ec.D.
	5	33	II. Tr.E.		21	12	I. Oc.R.		20	02	I. Tr.E.		19	06	I. Oc.R.
	16	26	I. Ec.D.	13	15	30	I. Sh.I.						20	52	III. Sh.I.
	19	27	I. Oc.R.		16	08	I. Tr.I.	21	0	55	II. Ec.D.		22	06	III. Tr.I.
6	13	36	I. Sh.I.		17	42	I. Sh.E.		4	14	II. Oc.R.		23	33	III. Sh.E.
	14	24	I. Tr.I.		18	18	I. Tr.E.		14	44	I. Ec.D.	29	0	20	III. Tr.E.
	15	48	I. Sh.E.		22	19	II. Ec.D.		16	51	III. Sh.I.		13	47	I. Sh.I.
	16	33	I. Tr.E.						17	22	I. Oc.R.		14	02	I. Tr.I.
	19	44	II. Ec.D.	14	1	59	II. Oc.R.		18	50	III. Tr.I.		15	59	I. Sh.E.
	23	42	II. Oc.R.		12	49	I. Ec.D.		19	32	III. Sh.E.		16	12	I. Tr.E.
7	8	48	III. Sh.I.		15	31	III. Tr.I.		21	03	III. Tr.E.		22	39	II. Sh.I.
	10	55	I. Ec.D.		15	31	III. Sh.E.	22	11	53	I. Sh.I.		23	10	II. Tr.I.
	11	31	III. Sh.E.		15	38	I. Oc.R.		12	19	I. Tr.I.	30	1	07	II. Sh.E.
	12	09	III. Tr.I.		17	43	III. Tr.E.		14	05	I. Sh.E.		1	31	II. Tr.E.
	13	53	I. Oc.R.						14	28	I. Tr.E.		11	08	I. Ec.D.
	14	21	III. Tr.E.	15	9	58	I. Sh.I.		20	02	II. Sh.I.		13	32	I. Oc.R.
8	8	04	I. Sh.I.		10	35	I. Tr.I.		20	55	II. Tr.I.				
	8	50	I. Tr.I.		12	10	I. Sh.E.		22	31	II. Sh.E.				
					12	44	I. Tr.E.		23	16	II. Tr.E.				
I. Sept. 16				II. Sept. 17				III. Sept. 10-11				IV			
$x_1 = -1.4, y_1 = +0.3$				$x_1 = -1.6, y_1 = +0.5$				$x_1 = -2.3, y_1 = +0.7$ $x_2 = -0.8, y_2 = +0.7$				No eclipse			

NOTE.—I. denotes ingress; E., egress; D., disappearance; R., reappearance; Ec., eclipse; Oc., occultation; Tr., transit of the satellite; Sh., transit of the shadow.

I
W
II
W

CONFIGURATIONS OF SATELLITES I-IV FOR SEPTEMBER
UNIVERSAL TIME



PHASES OF THE ECLIPSES

I			III			
W	d		E	W	d	
						E
II			IV			
W	d		E	W	No eclipsæ	E