

MAY 2012  
NASA SOUNDING ROCKETS  
CALENDAR YEAR 2012

**NASA MISSIONS**

<u>NO.</u>	<u>MISSION</u>	<u>EXPERIMENTER/ORGANIZATION</u>	<u>RANGE</u>	<u>DATE</u>	<u>TIME</u>	<u>NASA/NSROC RESPONSIBILITY</u>
1.	36.261 UG	CLARKE/BOSTON UNIVERSITY	WS	MAY	NIGHT	R. KIEFER
2.	36.286 UE	WOODS/UNIV. OF COLORADO	WS	JUN	DAY	D. JENNINGS
3.	41.101 UO	KOEHLER/UNIVERSITY OF COLORADO	WI	JUN	DAY	R. KIEFER
4.	36.272 NS	CIRTAIR/MSFC	WS	JUL	DAY	N. CRANOR
5.	36.284 NS	CIRTAIR/MSFC	WS	JUL	DAY	N. CRANOR
6.	36.263 US	JUDGE/USC	WS	JUL	DAY	C. POWER
7.	36.269 GS	RABIN/NASA-GSFC	WS	AUG	DAY	D. JENNINGS
8.	36.239 DS	KORENDYKE/NRL	WS	AUG	DAY	L. ERVIN
9.	12.075 GT	BRODELL/NASA-WFF	WI	AUG	DAY	VALLIANT/C. POWER
10.	46.004 GO	ROSANOVA/NASA-WFF	WI	AUG	DAY	S. FITZPATRICK
11.	36.268 UG	MCCANDLISS/JHU	WS	AUG	NIGHT	R. KIEFER
12.	36.260 UG	COOK/BOSTON UNIVERSITY	WS	AUG	NIGHT	L. ERVIN
13.	46.001 UE	KUDEKI/UNIVERSITY OF ILLINOIS	KWAJ	SEP	NIGHT	D. BROOKS
14.	45.005 UE	KUDEKI/UNIVERSITY OF ILLINOIS	KWAJ	SEP	NIGHT	D. BROOKS
15.	36.255 US	KRUCKER/UNIV OF CA @ BERKELEY	WS	OCT	DAY	S. FITZPATRICK
16.	36.253 US	HASSLER/SWRI	WS	OCT	DAY	N. CRANOR
17.	36.271 UG	BEASLEY/UNIVERSITY OF COLORADO	WS	OCT	NIGHT	N. CRANOR
18.	36.245 UH	FIGUEROA/MIT	WS	NOV	NIGHT	C. POWER
19.	36.259 GH	GENDREAU/NASA-GSFC	WS	DEC	TBD	L. ERVIN
20.	36.283 UH	GALEAZZI/UNIVERSITY OF MIAMI	WS	DEC	NIGHT	C. POWER
21.	36.173 UG	NORDSIECK/UNIV. OF WISCONSIN	WS	TBD	NIGHT	TBD
22.	41.089 GP	HALL/NASA-WFF	WI	TBD	DAY	VALLIANT/TBD

**REIMBURSABLE MISSIONS**

<u>NO.</u>	<u>MISSION</u>	<u>EXPERIMENTER/ORGANIZATION</u>	<u>RANGE</u>	<u>DATE</u>	<u>TIME</u>	<u>RESPONSIBILITY</u>
1.	39.011 NR	CHEATWOOD/NASA-LARC	WI	JUN	DAY	VALLIANT/SCOTT
2.	41.100 DR	CATON/USAF	KWAJ	SEP	NIGHT	D. BROOKS
3.	41.102 DR	CATON/USAF	KWAJ	SEP	NIGHT	D. BROOKS

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CALENDAR YEAR 2013

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1.	36.235 US	HARRIS/UNIV. OF CALIFORNIA, DAVIS	WS	JAN	DAY	L. ERVIN
2.	36.285 UG	BEASLEY/UNIV. OF COLORADO	WS	JAN	TBD	D. JENNINGS
3.	40.027 GE	ROWLAND/GSFC	FB	FEB	NIGHT	N. CRANOR
4.	36.262 UG	KAISER/JHU	WS	FEB	NIGHT	D. JENNINGS
5.	21.140 GE	PFAFF/NASA-GSFC	WI	JUN	DAY	VIEIRA/SCOTT
6.	41.090 GE	PFAFF/NASA-GSFC	WI	JUN	DAY	VIEIRA/SCOTT
7.	36.282 US	KANKELBORG/MONTANA STATE UNIV.	WS	JUN	DAY	S. FITZPATRICK
8.	12.077 GT	BRODELL/NASA-WFF	WI	JUL	DAY	S. FITZPATRICK
9.	12.078 GT	BRODELL/NASA-WFF	WS	AUG	DAY	S. FITZPATRICK
10.	36.281 UE	BOCK/CAL TECH	WS	OCT	TBD	D. JENNINGS
11.	12.079 GT	BRODELL/NASA-WFF	WI	OCT	DAY	S. FITZPATRICK
12.	40.029 UE	LABELLE/DARTMOUTH UNIVERSITY	NOR	DEC	NIGHT	D. BROOKS

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MAY 2012  
NASA SOUNDING ROCKETS  
CALENDAR YEAR 2014

**NASA MISSIONS**

<u>NO.</u>	<u>MISSION</u>	<u>EXPERIMENTER/ORGANIZATION</u>	<u>RANGE</u>	<u>DATE</u>	<u>TIME</u>	<u>NASA/NSROC RESPONSIBILITY</u>
1.	40.028 UE	SWENSON/UTAH STATE UNIVERSITY	FB	JAN	NIGHT	J. SCOTT

**REIMBURSABLE MISSIONS**

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NASA SOUNDING ROCKETS  
MISSIONS LAUNCHED  
FISCAL YEAR 2012

**NASA MISSIONS**

<u>NO.</u>	<u>MISSION</u>	<u>EXPERIMENTER/ORGANIZATION</u>	<u>DATE</u>	<u>TIME (Z)</u>	<u>RANGE</u>	<u>FLIGHT RESULTS</u>		
						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>
1.	36.225 UG	CHAKRABARTI/BOSTON UNIVERSITY	10-08-11	10:25:01	WS	S	S	F
2.	41.093 UE	ROBERTSON/UNIV. OF COLORADO	10-11-11	21:15:00	NOR	S	S	S
3.	41.094 UE	ROBERTSON/UNIV. OF COLORADO	10-13-11	13:50:00	NOR	S	S	S
4.	36.264 UH	MCCAMMON/UNIV. OF WISCONSIN	11-06-11	07:00:00	WS	S	S	F
5.	36.274 UH	CASH/UNIV. OF COLORADO	12-10-11	10:30:00	WS	S	S	S
6.	12.074 GT	HALL/NASA-WFF	01-11-12	13:25:00	WI	S	S	S
7.	36.273 UE	POWELL/CORNELL UNIVERSITY	02-19-12	05:41:07	FB	S	S	S
8.	36.277 UG	BOCK/CAL TECH	03-22-12	03:00:00	WS	S	S	S
9.	45.004 UE	LARSEN/CLEMSON UNIVERSITY	03-27-12	08:58:00	WI	S	S	S
10.	46.002 UE	LARSEN/CLEMSON UNIVERSITY	03-27-12	08:59:20	WI	S	S	S
11.	41.097 UE	LARSEN/CLEMSON UNIVERSITY	03-27-12	09:00:40	WI	S	S	S
12.	46.003 UE	LARSEN/CLEMSON UNIVERSITY	03-27-12	09:02:00	WI	S	S	S
13.	41.098 UE	LARSEN/CLEMSON UNIVERSITY	03-27-12	09:03:20	WI	S	S	S

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						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>

\* MISSION IS SUCCESSFUL UNLESS THERE IS AN "F" IN ANY FLIGHT RESULT COLUMN

\* N/A DENOTES NOT APPLICABLE IN MISSION SUCCESS/FAILURE ASSESSMENT

NASA SOUNDING ROCKETS  
MISSIONS LAUNCHED  
FISCAL YEAR 2011

**NASA MISSIONS**

<u>NO.</u>	<u>MISSION</u>	<u>EXPERIMENTER/ORGANIZATION</u>	<u>DATE</u>	<u>TIME (Z)</u>	<u>RANGE</u>	<u>FLIGHT RESULTS</u>		
						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>
1.	41.087 NT	HEYNE/JPL	12-06-10	16:45:00	WS	S	S	~
2.	40.026 UE	LESSARD/UNIV. OF NEW HAMPSHIRE	12-12-10	06:38:00	NOR	F	~	~
3.	36.257 UG	GREEN/UNIV. OF COLORADO	01-28-11	10:46:00	FB	S	S	F
4.	36.256 UE	BAILEY/VPI	02-05-11	08:11:11	FB	S	S	F
5.	36.275 UE	WOODS/UNIV. OF COLORADO	03-23-11	18:50:00	WS	S	S	S
6.	36.278 GT	BRODELL/NASA-WFF	04-27-11	08:00:00	FB	S	S	S
7.	41.096 GP	HALL/NASA-WFF	06-10-11	11:11:16	WI	S	S	S
8.	41.095 UO	KOEHLER/UNIV. OF COLORADO	06-23-11	10:18:00	WI	S	S	S
9.	21.141 GE	PFAFF/NASA-GSFC	07-09-11	09:00:00	WI	S	S	S
10.	41.091 GE	PFAFF/NASA-GSFC	07-09-11	09:00:15	WI	S	S	S
11.	41.092 UO	ROSANOVA/NASA-WFF	07-21-11	11:58:00	WI	S	S	S
12.	12.076 GT	BRODELL/NASA-WFF	09-08-11	13:45:00	WI	S	S	S

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						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>
1.	36.230 DR	MARTI/USAF-ABL	10-21-10	17:00:00	SAN-NIC	S	S	N/A

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NASA SOUNDING ROCKETS  
MISSIONS LAUNCHED  
FISCAL YEAR 2010

**NASA MISSIONS**

<u>NO.</u>	<u>MISSION</u>	<u>EXPERIMENTER/ORGANIZATION</u>	<u>DATE</u>	<u>TIME (Z)</u>	<u>RANGE</u>	<u>FLIGHT RESULTS</u>		
						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>
1.	36.252 UH	CASH/UNIV. OF COLORADO	11-14-09	02:30:00	WS	S	S	S
2.	12.068 GT	HICKMAN/NASA-WFF	12-16-09	13:46:00	WI	S	S	S
3.	41.086 UE	ERDMAN/EMBRY-RIDDLE UNIV.	12-17-09	03:25:00	WS	S	S	S
4.	41.084 UE	CONDE/UNIVERSITY OF ALASKA	02-09-10	09:01:00	FB	S	S	S
5.	40.025 UE	LABELLE/DARTMOUTH COLLEGE	02-15-10	09:49:11	FB	S	S	S
6.	12.067 GT	HALL/NASA-WFF	03-27-10	14:09:56	WI	S	S	S
7.	36.258 UE	WOODS/UNIV. OF COLORADO	05-03-10	06:32:00	WS	S	S	S
8.	36.270 UG	GREEN/UNIV. OF COLORADO	05-21-10	09:00:00	WS	S	S	F
9.	41.088 UO	KOEHLER/UNIV. OF COLORADO	06-24-10	11:17:00	WI	S	S	S
10.	36.265 UG	BOCK/CAL TECH	07-11-10	04:50:00	WS	S	S	S
11.	36.213 NS	DAVIS/MSFC	07-30-10	18:21:00	WS	S	S	S
12.	12.073 GT	HALL/NASA-WFF	08-04-10	09:15:03	WI	S	S	S
13.	36.219 US	HASSLER/SWRI	08-23-10	17:57:00	WS	S	S	S

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						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>
1.	36.247 DR	MARTI/USAF-ABL	01-10-10	23:00:00	SAN-NIC	S	S	S
2.	36.250 DR	MARTI/USAF-ABL	02-04-10	08:03:07	SAN-NIC	S	S	S
3.	36.251 DR	MARTI/USAF-ABL	02-12-10	05:31:20	SAN-NIC	S	S	S
4.	36.248 DR	MARTI/USAF-ABL	05-03-10	09:47:00	SAN-NIC	S	S	S
5.	41.082 NP	BULL/NASA	09-21-10	13:07:30	WI	S	S	S

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NASA SOUNDING ROCKETS  
MISSIONS LAUNCHED  
FISCAL YEAR 2009

**NASA MISSIONS**

<u>NO.</u>	<u>MISSION</u>	<u>EXPERIMENTER/ORGANIZATION</u>	<u>DATE</u>	<u>TIME (Z)</u>	<u>RANGE</u>	<u>FLIGHT RESULTS</u>		
						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>
1.	36.207 DG	KOWALSKI/NRL	10-20-08	08:39:01	WS	S	S	S
2.	30.073 UO	THORSEN/UNIV. OF ALASKA	01-10-09	23:17:00	FB	S	S	S
3.	36.242 UE	BOUNDS/UNIVERSITY OF IOWA	01-29-09	09:49:41	FB	S	S	S
4.	21.139 UE	BOUNDS/UNIVERSITY OF IOWA	01-29-09	09:51:11	FB	S	S	S
5.	41.076 UE	LEHMACHER/CLEMSON UNIVERSITY	02-18-09	09:52:00	FB	S	S	S
6.	41.077 UE	LEHMACHER/CLEMSON UNIVERSITY	02-18-09	11:49:00	FB	S	S	S
7.	41.078 UE	LEHMACHER/CLEMSON UNIVERSITY	02-18-09	10:29:00	FB	S	S	S
8.	41.079 UE	LEHMACHER/CLEMSON UNIVERSITY	02-18-09	10:59:00	FB	S	S	S
9.	36.226 UG	BOCK/CAL TECH	02-25-09	10:45:00	WS	S	S	S
10.	40.023 UE	LYNCH/DARTMOUTH COLLEGE	03-20-09	11:04:01	FB	S	S	S
11.	41.083 UO	KOEHLER/UNIV. OF COLORADO	06-26-09	09:30:00	WI	S	S	S
12.	36.244 UG	GREEN/UNIVERSITY OF COLORADO	06-27-09	07:30:00	WS	S	S	F
13.	36.221 DS	MOSES/NRL	09-14-09	17:40:00	WS	S	S	S

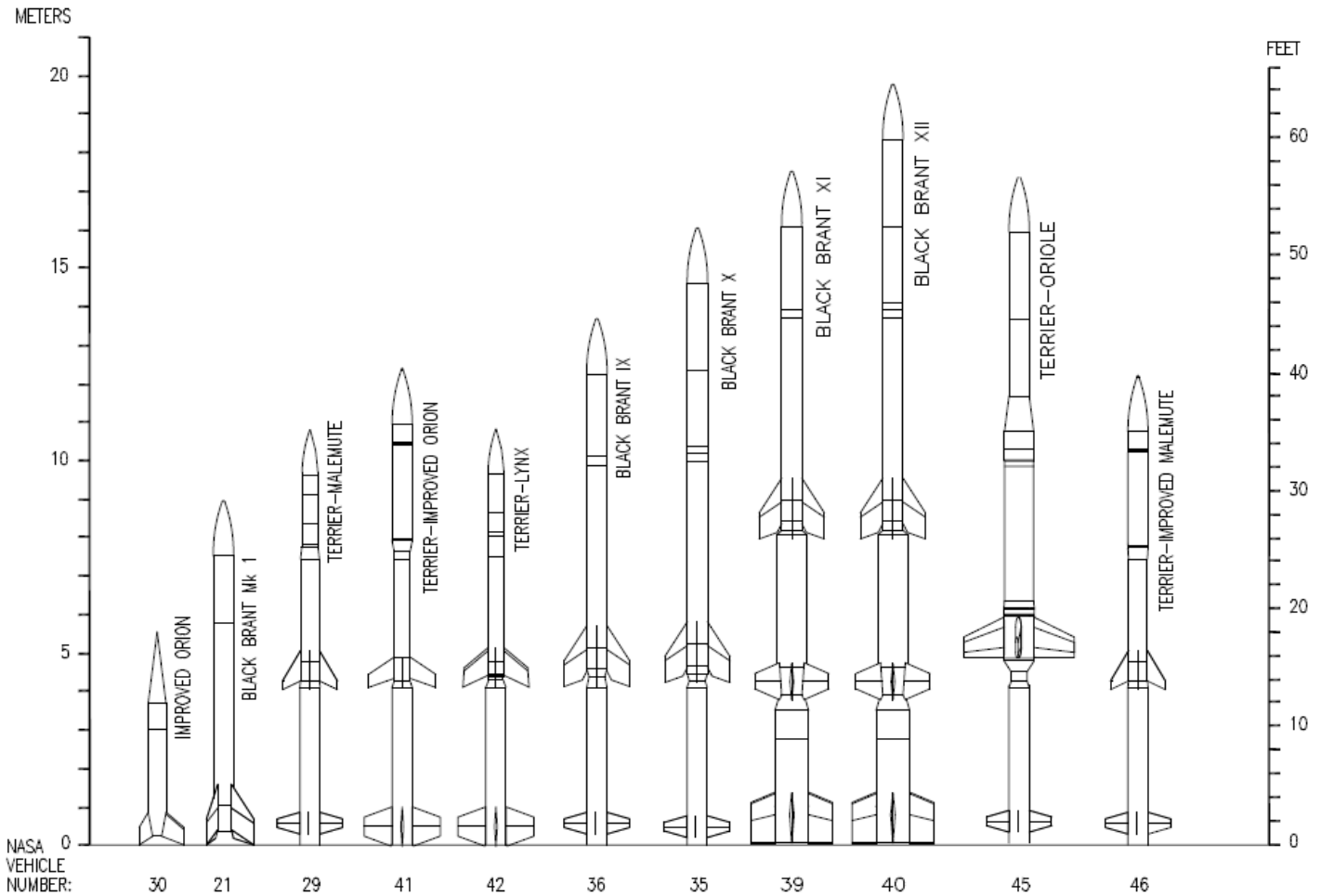
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						<u>VEHICLE</u>	<u>PL SUPPORT SYSTEMS</u>	<u>EXPERIMENT</u>
1.	41.080 NR	MURBACH/NASA-AMES	05-28-09	16:52:00	WI	S	S	S
2.	36.254 NR	CHEATWOOD/NASA-LARC	08-17-09	12:52:00	WI	S	S	S
3.	36.229 DR	MARTI/USAF-ABL	08-10-09	04:50:32	SAN-NIC	S	S	S
4.	39.009 DR	BERNHARDT/NRL	09-19-09	23:46:00	WI	S	S	S

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# NASA SOUNDING ROCKET LAUNCH VEHICLES



12 – IS A GENERIC NUMBER ASSIGNED TO TEST VEHICLES

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## LEGEND

### LAUNCH SITES

- ANT -Antarctica
- AUS -Woomera, Australia
- BRAZ -Alcantara, Brazil
- CRR -Fort Churchill, Canada
- FB -Poker Flat Research Range
- GRN -Sondre Stromfjord, Greenland
- KWAJ -Kwajalein
- NOR -Andoya, Norway
- PERU -Punta Lobos, Peru
- PR -Puerto Rico, Camp Tortuguero
- SM -San Marco (Italian)
- SP -El Arenosillo, Spain
- SVAL -Svalbard (NOR)
- SW -Kiruna, Sweden
- TAB -Thule Air Base, Greenland
- WI -Wallops Island, Virginia
- WS -White Sands Missile Range, New Mexico
- HI -Kauai, Hawaii

### AGENCY

- A - Government Agency Other than N or D
- C - Industrial Corporation
- D - DOD
- G - Goddard
- I - International
- N - NASA Center other than GSFC
- U - College or University

### DISCIPLINE

- E - Geospace Sciences
- S - Solar and Heliospheric Sciences
- H - High Energy Astrophysics
- G - UV/Optical Astrophysics
- P - Special Projects
- L - Solar System Exploration
- M - Microgravity Research
- O - Student Outreach
- T - Test and Support
- R - Reimbursable

Example of Mission Number - 36.120 UE

36.  
Black Brant IX

120  
120<sup>th</sup> Assigned  
Mission

U  
College or  
University

E  
Geospace Sciences