

Original spreadsheet by Andro Hsu (neandrothal) <https://boardgamegeek.com/filepage/206453/hf4-site-list>. Modified and reformatted by Ian Hayward (www.iandrea.co.uk).

Site Name	Group	Thrust	Zone	Solar	Pos	Burns	Brakes	Crash	Name
Mercury North Pole	10V Mercury	11	♀	2	6:15	6			Hydration
Mercury Discovery Rupes	10S Mercury	11	♀	2	8:00	6			Buggy
Venus Aerostat-Xity	11C								Raygun
Hathor	1S	2	♀	1	8:30	5			Synodic
Luna Aristarchus Plateau	9H Luna	10	⊕	0	2:45	3			Astrobiology
Luna Shackleton Polar Rim	9S Luna	10	⊕	0	2:45	3			Submarine
Cruithne	1M	2	⊕	0	4:30	5			Atmosphere
Itokawa	1S	2	⊕	0	7:30	2			Space elevator
Comet Phaethon	1H	2	⊕	0	8:30	6			Centaur
Khufu	1S	2	⊕	0	8:45	4			Mercury
Bennu	1C	2	⊕	0	9:15	3			Venus
Mjolnir	1S	2	⊕	0	9:30	3			Earth
Icarus	1S	2	⊕	0	10:00	7			Mars
Apophis	1S	2	⊕	0	11:30	3			Ceres
YORP	1S	2	⊕	0	12:30	2			Jupiter
Didymos	1S Didymos	2	♁	-1	12:00	2			Saturn
Didymos Moonlet	1S Didymos	2	♁	-1	12:30	2			Uranus
Mars North Pole	10C Mars								Neptune
Mars Arsia Mons Caves	10C Mars								Aerobrakes
Mars Hellas Basin Buried Glaciers	10C Mars								Crashes
Deimos	1D Martian Moonlets	2	♁	-1	2:00	3			
Phobos	1C Martian Moonlets	2	♁	-1	2:00	3			
Eureka	1D	2	♁	-1	3:30	4			
Nyx	1V	2	♁	-1	3:30	2			
Ivar	1S	2	♁	-1	8:45	4			
Belenus	1S	2	♁	-1	9:00	3			
Toro	1S	2	♁	-1	9:15	4			
Eros	1S	2	♁	-1	12:15	3			
Nereus	1V	2	♁	-1	12:30	2			
Oljato	1M	2	♁	-1	12:45	3			
Ariadne	2S Flora Family	3	♀	-2	10:00	3			
Gaspra	1S Flora Family	2	♀	-2	10:00	3			
Flora	4S Flora Family	5	♀	-2	10:30	3			
Ceres	6C Gefion Family	7	♀	-2	1:00	4.5			
Aegis Moonlet	1C Gefion Family	2	♀	-2	1:15	4			
Gefion	2S Gefion Family	3	♀	-2	1:15	4			
Miahelena	2S Gefion Family	3	♀	-2	1:15	4			
Minerva	3C Gefion Family	4	♀	-2	1:15	4			
Badenia	2D Hygiea Family	3	♀	-2	9:00	3			
Hygiea	5C Hygiea Family	6	♀	-2	9:00	3			
Friederike	2D Hygiea Family	3	♀	-2	9:15	3			
Karin C	1S Karin Cluster	2	♀	-2	11:45	2			
Karin A	1S Karin Cluster	2	♀	-2	12:00	2			
Karin B	1S Karin Cluster	2	♀	-2	12:00	2			
Alexhelios	1M Kleopatra	2	♀	-2	9:30	4			
Kleopatra	4M Kleopatra	5	♀	-2	9:30	4			
Cleoselene	1M Kleopatra	2	♀	-2	10:00	4			

Site Name	Group	Thrust	Zone	Solar	Pos	Burns	Brakes	Crash
Dactyl Moonlet	1S Koronis Family		2	?	-2	12:00	2	
Dresda	2S Koronis Family		3	?	-2	12:00	2	
Ida	2S Koronis Family		3	?	-2	12:00	2	
Neckar	1S Koronis Family		2	?	-2	12:00	2	
Koronis	3S Koronis Family		4	?	-2	12:15	2	
Lacrimosa	3D Koronis Family		4	?	-2	12:15	2	
Urda	3S Koronis Family		4	?	-2	12:30	2	
Hermes B	1S MOID Binary		2	?	-2	8:00	5	
Hermes A	1S MOID Binary		2	?	-2	8:15	5	
Chaucer	1C Nysa Family		2	?	-2	11:00	3	
Hertha	3M Nysa Family		4	?	-2	11:00	3	
Nysa	3M Nysa Family		4	?	-2	11:15	3	
Polana	2D Nysa Family		3	?	-2	11:15	3	
Remus Moonlet	1V Sylvia		2	?	-2	9:45	4	
Romulus Moonlet	1V Sylvia		2	?	-2	9:45	4	
Sylvia	5C Sylvia		6	?	-2	10:00	4	
Eichsfeldia	4C Vesta Family		5	?	-2	1:00	4	
Peking	1V Vesta Family		2	?	-2	12:30	4	
Vesta	6V Vesta Family		7	?	-2	12:30	4.5	
Kollaa	1V Vesta Family		2	?	-2	12:45	4	
Unitas	4S Vesta Family		5	?	-2	12:45	4	
Comet Holmes	1D		2	?	-2	1:00	5	
Fortuna	5C		6	?	-2	8:30	4	
Lutetia	4M		5	?	-2	8:30	4	
Comet Wild 2	1D		2	?	-2	8:45	5	
Mathilde	1C		2	?	-2	8:45	5	
Comet Wilson-Harrington	1D		2	?	-2	9:00	4	
Comet Hartley 2	1D		2	?	-2	9:15	4	
Churyumov-Gerasimenko	1C		2	?	-2	10:15	3	
Comet Elst-Pizarro	1D		2	?	-2	10:45	3	
Comet Encke	1V		2	?	-2	10:45	4	
Davida	5C		6	?	-2	11:45	4	
Comet Borrelly	1D		2	?	-2	12:00	5	
Psyche	5M		6	?	-2	12:00	4	
Agamemnon	3C Agamemnon		4	?	-3	8:30	5	
Agamemnon Moonlet	1C Agamemnon		2	?	-3	8:30	5	
Callisto Asgard Ice Spires	8V Callisto		9	?	-3	9:30	8	
Callisto Valhalla	8C Callisto		9	?	-3	9:45	8	
Europa Conamara Chaos	8S Europa		9	?	-3	9:30	10	
Europa Subsurface Ocean	8C Europa		9	?	-3	9:30	10	
Ganymede Memphis Facula	9S Ganymede		10	?	-3	9:30	9	
Ganymede Uruk Sulcus	9V Ganymede		10	?	-3	9:30	9	
Hektor	3D Hektor		4	?	-3	8:30	5	
Skamandrios Moonlet	1D Hektor		2	?	-3	8:30	5	
Icarion	1D Icarion		2	?	-3	9:00	4	
Philoctetes	1C Icarion		2	?	-3	9:00	4	
Io Gish Bar Mons	9M Io		10	?	-3	10:15	10	
Io Loki Patera	9S Io		10	?	-3	10:15	10	
Elara	3C Jovian Himalia Moonlets		4	?	-3	10:00	5	

Site Name	Group				Thrust	Zone	Solar	Pos	Burns	Brakes	Crash	
Himalia	4C Jovian Himalia Moonlets	💧💧	🔫		5	☾	-3	10:15	5			
Leda	1C Jovian Himalia Moonlets	💧💧	🔫		2	☾	-3	10:15	5			
Lysithea	2C Jovian Himalia Moonlets	💧💧	🔫		3	☾	-3	10:30	5			
Laocoon	1D Laocoon	💧💧💧	🔫		2	☾	-3	11:45	4			
Antenor	1C Laocoon	💧💧	🔫		2	☾	-3	12:00	4			
Menoetius	2C Patroclus	💧💧💧	🔫		3	☾	-3	12:15	5			
Glaukos	1C Patroclus	💧💧💧	🔫		2	☾	-3	12:30	4			
Patroclus	2D Patroclus	💧💧💧	🔫		3	☾	-3	12:30	5			
Telamon	3C Telamon	💧💧	🔫		4	☾	-3	8:30	4			
Nestor	2C Telamon	💧💧💧	🔫		3	☾	-3	8:30	4			
Achilles	2D	💧💧💧			3	☾	-3	8:30	5			
Bee-Zed	1H	💧💧💧💧	🔴	🍀	2	☾	-3	9:00	14			
Comet Schwassmann-Wachmann 1	2D	💧💧💧💧		🍀	♁	3	☾	-3	9:15	5	🚗	
Comet Neujmin 1	1D	💧💧💧💧	🟦	🍀	2	☾	-3	11:00	6		🚗	
Aeneas	2D	💧💧💧			3	☾	-3	11:30	5		🚗	
Tithonus	1D	💧💧			2	☾	-3	11:30	4		🚗	
Chiron	4C	💧💧💧💧		🍀	♁	5	☾	-3	12:30	7	🚗	
Elatus	2D	💧💧💧💧		🍀	♁	3	☾	-3	12:45	6	🚗	
Calypso	1S Calypso	💧💧💧💧	🔫		2	♄	-4	8:45	6	☂️	🚗	
Tethys	5C Calypso Telesto	💧💧💧💧	🔫	🍀	6	♄	-4	8:45	6	☂️	🚗	
Helene	1S Helene	💧💧💧💧	🔫		2	♄	-4	8:30	5	☂️	🚗	
Polydeuces	1S Polydeuces	💧💧💧💧	🔫		2	♄	-4	8:30	5	☂️	🚗	
Dione	6V Polydeuces Helene	💧💧💧💧	🔫	💧	7	♄	-4	8:30	5.5	☂️	🚗	
Janus	2C Saturn Inner Satellites	💧💧💧💧	🔫	🍀	3	♄	-4	8:45	9	☂️	🚗	
Pandora	2C Saturn Inner Satellites	💧💧💧💧	🔫	🍀	3	♄	-4	8:45	9	☂️	🚗	
Prometheus	2C Saturn Inner Satellites	💧💧💧💧	🔫	🍀	♁	3	♄	-4	8:45	9	☂️	🚗
Epimetheus	2C Saturn Inner Satellites	💧💧💧💧	🔫	🍀	3	♄	-4	9:00	9	☂️	🚗	
Phoebe	3C Saturnian Norse Moonlets	💧💧💧💧	🔫		4	♄	-4	9:15	6			
Skoll	1S Saturnian Norse Moonlets	💧💧	🔫		2	♄	-4	9:15	6			
Suttungr	1D Saturnian Norse Moonlets	💧💧	🔫		2	♄	-4	9:15	6			
Thymr	1D Saturnian Norse Moonlets	💧💧	🔫		2	♄	-4	9:15	6			
Ymir	1D Saturnian Norse Moonlets	💧💧💧	🔫		2	♄	-4	9:15	6			
Telesto	1S Telesto	💧💧💧💧	🔫		2	♄	-4	8:45	6	☂️	🚗	
Titan Kraken Mare	9V Titan	💧💧💧🚗		💧🍀	♄	♄	-4	8:30	5	☂️☂️	🚗	
Titan Ontario Lacus	9D Titan	💧💧🚗		🍀🍀	♄	♄	-4	8:30	5	☂️☂️	🚗	
Rhea	6V	💧💧💧💧		💧	7	♄	-4	8:30	5	☂️	🚗	
Titan Aerostat	8C			🍀🍀	♄	♄	-4	8:30	5	☂️	🚗	
Saturn Aerostat	11H			🍀♁	♄	♄	-4	8:45	11	☂️☂️	🚗	
Hyperion	3D	💧💧💧💧			4	♄	-4	8:45	5	☂️	🚗	
Enceladus	5M	💧💧💧💧		💧	6	♄	-4	9:00	7	☂️	🚗	
Iapetus	6C	💧💧💧💧			7	♄	-4	9:00	6.5			
Methone	1D	💧💧💧💧		💧	2	♄	-4	9:00	8	☂️	🚗	
Mimas	4S	💧💧💧💧		💧	5	♄	-4	9:00	8			
Comet Crommelin	1D	💧💧💧💧	🟡	🍀	2	♄	-4	9:15	6		🚗	
Kreutz Sungrazer	1H	💧💧💧💧	🟡	🍀	2	♄	-4	9:30	8		🚗	
Echelus	2D	💧💧💧💧		🍀	♁	3	♄	-4	10:30	5	🚗	
Okyrhoe	2D	💧💧💧💧		🍀	♁	3	♄	-4	10:45	6	🚗	
Miranda	4V Miranda	💧💧💧💧	🔫		5	♄	-5	9:30	6	☂️☂️	🚗	

Site Name	Group				Thrust	Zone	Solar	Pos	Burns	Brakes	Crash
Puck	3C Miranda	🌊🌊🌊	🔫		4	♁	-5	9:30	6	☂☂	☠
Juliet	2V Portia Group	🌊🌊🌊	🔫	🍀	3	♁	-5	9:15	6	☂☂	☠
Belinda	2V Portia Group	🌊🌊🌊	🔫	🍀	3	♁	-5	9:30	6	☂☂	☠
Portia	3V Portia Group	🌊🌊🌊	🔫	🍀	4	♁	-5	9:30	6	☂☂	☠
Prospero	2V Uranus Outer Moons	🌊🌊🌊	🔫		3	♁	-5	9:15	6	☂	☠☠
Setebos	2V Uranus Outer Moons	🌊🌊🌊	🔫		3	♁	-5	9:15	6	☂	☠☠
Sycorax	3S Uranus Outer Moons	🌊🌊🌊	🔫		4	♁	-5	9:15	6	☂	☠☠
Chariklo	4D	🌊🌊🌊		🍀	♃	♁	-5	9:15	7		☠
Cordelia	1C	🌊🌊🌊		🍀	♃	♁	-5	9:15	8	☂☂	☠☠
Uranus Aerostat	11H			🌊☁	♃	♁	-5	9:15	6	☂☂☂	☠☠
Oberon	7D	🌊🌊🌊		🌊	8	♁	-5	9:30	6	☂	☠
Titania	7D	🌊🌊🌊		🌊	8	♁	-5	9:30	6	☂	☠
Ariel	6V	🌊🌊🌊		🌊	7	♁	-5	9:45	6	☂☂	☠
Asbolus	3D	🌊🌊🌊	🟦	🍀	♃	♁	-5	9:45	7		
Hylonome	3D	🌊🌊🌊			♃	♁	-5	9:45	8		
Umbriel	6D	🌊🌊🌊		🍀	7	♁	-5	9:45	6	☂☂	☠
Comet Halley	1H	🌊🌊🌊	🟥	🍀	2	♁	-5	10:00	9		☠
Pholus	4D	🌊🌊🌊	🟥	🍀	♃	♁	-5	10:45	8		
Sawiakera	3D Cubewano Kuiper Belt	🌊🌊🌊	🔫	🍀	4	♃	N/A	10:15	12		
Teharonhiawako	4S Cubewano Kuiper Belt	🌊🌊🌊	🔫	🍀	5	♃	N/A	10:15	12		
2002TX	4D Haumea Family	🌊🌊🌊	🔫	🍀	5	♃	N/A	9:45	13		
1990OY	2V Haumea Family	🌊🌊🌊	🔫	🍀	3	♃	N/A	10:00	13		
Hi'iaka	4C Haumea Family	🌊🌊🌊	🔫	🍀	5	♃	N/A	10:00	13		☠
Namaka	3C Haumea Family	🌊🌊🌊	🔫	🍀	4	♃	N/A	10:00	13		☠
Haumea	7V Haumea Family	🌊🌊🌊	🔫	🍀	♃	♃	N/A	10:15	13.5		☠☠
Galatea	3S Larissa	🌊🌊🌊	🔫	🍀	4	♃	N/A	10:00	8	☂	☠☠
Larissa	3D Larissa	🌊🌊	🔫	🍀	4	♃	N/A	10:15	8	☂	☠☠☠
Charon	6D Pluto	🌊🌊🌊	🔫	🍀	♃	♃	N/A	9:45	10.5	☂	☠☠
Hydra	2D Pluto	🌊🌊🌊	🔫	🍀	3	♃	N/A	9:45	10	☂	☠☠☠
Nix	2V Pluto	🌊🌊🌊	🔫	🍀	3	♃	N/A	9:45	10	☂	☠☠☠
Pluto	7D Pluto	🌊🌊🌊	🔫	🌊	♃	♃	N/A	9:45	10	☂	☠☠
Weywot	3D Quaoar	🌊🌊🌊	🔫	🍀	4	♃	N/A	10:30	12		
Quaoar	7S Quaoar	🌊🌊🌊	🔫	🌊	8	♃	N/A	10:45	12.5		☠
Triton Mahilani Plume	8M Triton	🌊🌊🌊	🚚🔫	🌊	9	♃	N/A	10:15	8	☂☂	☠
Triton Tuonela Planitia	8C Triton	🌊🌊🌊	🚚🔫	🍀	9	♃	N/A	10:15	8	☂☂	☠
Nereid	4S	🌊🌊			5	♃	N/A	9:45	8	☂	☠☠
Sao	1D	🌊🌊🌊		🍀	2	♃	N/A	9:45	9	☂	☠☠
Arrokoth	1D	🌊🌊🌊		🍀	2	♃	N/A	10:00	12		
Despina	3D	🌊🌊🌊			♃	♃	N/A	10:00	9	☂	☠
Neptune Aerostat	11H	🌊		🍀☁	♃	♃	N/A	10:00	10	☂☂	☠☠
Sedna	6H	🌊🌊🌊		🌊	7	♃	N/A	10:00	22.5		
Comet McNaught	1H	🌊🌊🌊		🍀	2	♃	N/A	10:15	17		☠
Proteus	4D	🌊🌊			5	♃	N/A	10:15	9	☂	☠
Huya	5M	🌊🌊🌊		🍀	6	♃	N/A	10:30	12		