

# NEAR Mission and Eros Orbital Phases

View a plot of the duration for the mission phases [below](#) or the Eros orbital phases [below](#).

These references were used to compile the following NEAR mission phase table:

The [Eros Orbital Mission Overview](#). Refer to Section 13.0, based on information supplied by David Dunham and Jim McAdams.

<b>Mission Phase or Eros Orbital Phase</b>	<b>Mission Phase ID</b>	<b>Length (Days)</b>	<b>Start Date (yyyy-ddd) (yyyy-mm-dd) (MET)</b>	<b>Stop Date (yyyy-ddd) (yyyy-mm-dd) (MET)</b>	<b>Transition Dates for Eros Orbits</b>
CRUISE 1 (includes Launch)	CRU1	491	1996-048 1996-02-17 0	1997-175 1997-06-24 42606998	
MATHILDE	MATH	3	1997-176 1997-06-25 42606999	1997-178 1997-06-27 42866198	
CRUISE 2	CRU2	209	1997-179 1997-06-28 42866199	1998-022 1998-01-22 60923803	
Earth FLYBY	ERTH	4	1998-023 1998-01-23 60923804	1998-026 1998-01-26 61269403	
CRUISE 3	CRU3	330	1998-027 1998-01-27 61269404	1998-356 1998-12-22 89781411	
EROS FLYBY	ERFB	1	1998-357 1998-12-23 89781412	1998-357 1998-12-23 89867811	
CRUISE 4	CRU4	383	1998-358 1998-12-24 89867812	2000-010 2000-01-10 122959023	
EROS ORBIT	EROS	399	2000-011 2000-01-11 122959024	2001-043 2001-02-12 157438039	
Far Approach		32	2000-011 2000-01-11 122959024	2000-045 2000-02-14 125952609	
Injection		18	2000-045 2000-02-14 125952610	2000-063 2000-03-03 127516625	
200km Orbit North		31	2000-063 2000-03-03 127516626	2000-093 2000-04-02 130051226	

100km Orbit North	21	2000-093 2000-04-02 130051227	2000-113 2000-04-22 131836026	2000-093 to 2000-101 2000-04-02 to 2000-04-11 130051227 to 130898226
50km Orbit A	76	2000-113 2000-04-22 131836027	2000-189 2000-07-07 138403031	2000-113 to 2000-121 2000-04-22 to 2000-04-30 130051227 to 132521527
35km Orbit A	17	2000-189 2000-07-07 138403032	2000-206 2000-07-24 139868229	2000-189 to 2000-196 2000-07-07 to 2000-07-14 138403032 to 138953831
50km Orbit BC	33	2000-206 2000-07-24 139868230	2000-239 2000-08-26 142742530	2000-206 to 2000-213 2000-07-24 to 2000-07-31 139868230 to 140483829
100km South	48	2000-239 2000-08-26 142742531	2000-287 2000-10-13 146826132	2000-239 to 2000-247 2000-08-26 to 2000-09-05 142742531 to 143605032
50km Orbit D	12	2000-287 2000-10-13 146826133	2000-299 2000-10-25 147922032	2000-287 to 2000-294 2000-10-13 to 2000-10-20 146826133 to 147488232
Low Alt Flyover 1	1	2000-299 2000-10-25 147922033	2000-300 2000-10-26 147992232	
200km Orbit South	42	2000-300 2000-10-26 147992233	2000-342 2000-12-07 151612633	2000-300 to 2000-307 2000-10-26 to 2000-11-03 147992233 to 148630632
35km Orbit B	48	2000-342 2000-12-07 151612634	2001-024 2001-01-24 155762535	2000-342 to 2000-348 2000-12-07 to 2000-12-13 151612634 to 152148734
Low Alt Flyover 2	4	2001-024 2001-01-24 155762536	2001-028 2001-01-28 156115335	
35km Orbit C	15	2001-028 2001-01-28 156115336	2001-043 2001-02-12 157417380	
Descent	1	2001-043 2001-02-12 157417381	2001-043 2001-02-12 157438039	
EROS SURFACE	ERSF	16	2001-044 2001-02-13 157438040	2001-059 2001-02-28 158790706

