

Space Shuttle Chronology							SpaceCalc	
Space Shuttle	DD	HH	MM	SS	Flights	Notes		
Challenger	062	07	56	22	10	MET based on main gear touchdown. Compiled from news reports, NASA files. Compiled by William Harwood CBS News/Spaceflight Now		
Columbia	300	17	40	22	28			
Discovery	241	23	19	54	30			
Atlantis	219	21	27	17	26			
Endeavour	206	14	12	17	19			
Program Total	1031	12	36	12	113			
OV	#	STS	DD	HH	MM	SS	Launch	Mission Description
102	N/A	01	00	00	00	00	2/28/81	Flight readiness firing
102	01	01	02	06	20	53	4/12/81	First shuttle flight
102	02	02	02	06	13	11	11/12/81	Fuel cell failure; MDM flight
102	03	03	08	00	04	46	3/22/82	White Sands, N.M., landing
102	04	04	07	01	09	31	6/27/82	Final shuttle test flight
102	05	05	05	02	14	26	11/11/82	1st STS satellites launched
99	N/A	06	00	00	00	00	12/18/82	Flight Readiness Firing
99	N/A	06	00	00	00	00	1/25/83	FRF-2
99	06	06	05	00	23	42	4/4/83	TDRS-1; 1st STS spacewalk
99	07	07	06	02	23	59	6/18/83	Three comsats
99	08	08	06	01	08	43	8/30/83	Insat, CFES
102	09	09	10	07	47	24	11/28/83	First Spacelab flight
99	10	41B	07	23	15	55	2/2/84	2 comsats lost; MMU EVA
99	11	41C	06	23	40	07	4/6/84	Solar Max repair; MMU EVA
103	N/A	41D	00	00	00	00	6/2/84	Flight readiness firing
103	N/A	41D	00	00	00	00	6/26/84	RSLS abort
103	12	41D	06	00	56	04	8/30/84	SBS, Syncom, Telstar
99	13	41G	08	05	23	38	10/5/84	ERBS; 1st female EVA
103	14	51A	07	23	44	56	11/7/84	Westar, Palapa retrieval
103	15	51C	03	01	33	23	1/24/85	DOD (Magnum?)
103	16	51D	06	23	55	23	4/12/85	2 comsats; unplanned EVA
99	17	51B	07	00	08	46	4/29/85	Spacelab-3
103	18	51G	07	01	38	52	6/17/85	Morelos, Arabsat, Telstar
99	N/A	51F	00	00	00	00	7/12/85	RSLS abort
99	19	51F	07	22	45	26	7/29/85	Spacelab-2; Abort to orbit
103	20	51I	07	02	17	42	8/27/85	ASC, Aussat, Syncom
104	N/A	51J	00	00	00	00	9/12/85	Flight readiness firing
104	21	51J	04	01	44	38	10/3/85	DOD
99	22	61A	07	00	44	53	10/30/85	Spacelab D1
104	23	61B	06	21	04	49	11/26/85	3 comsats, EASE/ACCESS

102	24	61C	06	02	03	51	1/12/86	Last pre-Challenger flight
99	25	51L	00	00	00	73	1/28/86	SRB failure at T+73
103	N/A	26	00	00	00	00	8/10/88	FRF
103	26	26	04	01	00	11	9/29/88	TDRS-3 (return to flight)
104	27	27	04	09	05	37	12/2/88	DOD (Lacrosse?)
103	28	29	04	23	38	50	3/13/89	TDRS-4
104	29	30	04	00	56	27	5/4/89	Magellan Venus probe
102	30	28	05	01	00	08	8/8/89	DOD mission
104	31	34	04	23	39	21	10/18/89	Galileo Jupiter probe
103	32	33	05	00	06	48	11/22/89	DOD
102	33	32	10	21	00	36	1/9/90	LDEF recovery
104	34	36	04	10	18	22	2/28/90	DOD
103	35	31	05	01	16	06	4/24/90	Hubble Space Telescope
103	36	41	04	02	10	04	10/6/90	Ulysses solar probe
104	37	38	04	21	54	31	11/15/90	DOD
102	38	35	08	23	05	08	12/2/90	ASTRO-1 Spacelab
104	39	37	05	23	32	44	4/5/91	Gamma Ray Observatory
103	40	39	08	07	22	23	4/28/91	DOD/SDI (unclassified)
102	41	40	09	02	14	20	6/5/91	Life Science Spacelab
104	42	43	08	21	21	25	8/2/91	TDRS-5
103	43	48	05	08	27	38	9/12/91	UARS
104	44	44	06	22	50	44	11/19/91	DSP
103	45	42	08	01	14	44	1/22/92	IML-1
104	46	45	08	22	09	28	3/24/92	ATLAS-1
105	N/A	49	00	00	00	00	4/6/92	Flight readiness firing
105	47	49	08	21	17	38	5/7/92	Intelsat rescue mission
102	48	50	13	19	30	04	6/25/92	USML-1
104	49	46	07	23	15	03	7/31/92	TSS; EURECA deployment
105	50	47	07	22	30	23	9/12/92	Spacelab J
102	51	52	09	20	56	13	10/22/92	LAGEOS-2, USMP-1
103	52	53	07	07	19	47	12/2/92	DOD-1 (payload classified)
105	53	54	05	23	38	19	1/13/93	TDRS-6, DXS
102	N/A	55	00	00	00	00	3/22/93	RSLS abort
103	54	56	09	06	08	24	4/8/93	ATLAS-2
102	55	55	09	23	39	59	4/26/93	Spacelab D2
105	56	57	09	23	44	54	6/21/93	EURECA retrieve, Spacehab
103	N/A	51	00	00	00	00	8/12/93	RSLS abort
103	57	51	09	20	11	11	9/12/93	ACTS, SPAS
102	58	58	14	00	12	32	10/18/93	SLS-2
105	59	61	10	19	58	37	12/2/93	Hubble repair mission
103	60	60	08	07	09	22	2/3/94	WSF-1, Russian MS

102	61	62	13	23	16	41	3/4/94	USMP-2, OAST-2
105	62	59	11	05	49	30	4/9/94	Shuttle Radar Laboratory 1
102	63	65	14	17	55	00	7/8/94	IML-2
105	N/A	68	00	00	00	00	8/18/94	RSLs abort
103	64	64	10	22	49	57	9/9/94	LITE, SAFER, SPIFEX; EVA
105	65	68	11	05	46	08	9/30/94	Shuttle Radar Laboratory 2
104	66	66	10	22	34	02	11/3/94	ATLAS-3
103	67	63	08	06	28	15	2/3/95	Mir-1, Spartan, EVA
105	68	67	16	15	08	48	3/2/95	ASTRO-2 Spacelab mission
104	69	71	09	19	22	17	6/27/95	Mir Docking No. 1
102	70	70	08	22	20	07	7/13/95	TDRS-G
105	71	69	10	20	28	56	9/7/95	WSF-2/Spartan-201
102	72	73	15	21	52	21	10/20/95	USML-2
104	73	74	08	04	30	46	11/12/95	Mir Docking No. 2
105	74	72	08	22	00	45	1/11/96	SFU retrieval; OAST deploy
102	75	75	15	17	40	21	2/22/96	TSS-2, USMP-3
104	76	76	09	05	15	53	3/22/96	Mir Docking No. 3
105	77	77	10	00	39	24	5/19/96	Inflatable antenna
102	78	78	16	21	47	36	6/20/96	LMS
104	79	79	10	03	19	28	9/16/96	Mir Docking No. 4
102	80	80	17	15	53	18	11/19/96	ORFEUS-SPAS, WSF-3
104	81	81	10	04	55	21	1/12/97	Mir Docking No. 5
103	82	82	09	23	37	09	2/11/97	HST Servicing Mission
102	83	83	03	23	12	39	4/4/97	MSL-1
104	84	84	09	05	19	56	5/15/97	Mir Docking No. 6
102	85	94	15	16	44	34	7/1/97	MSL-1 Reflight
103	86	85	11	20	26	59	9/7/97	Christa-SPAS, MFD
104	87	86	10	19	20	50	9/25/97	Mir Docking No. 7
102	88	87	15	16	34	04	11/19/97	USMP-4, Spartan-201
105	89	89	08	19	46	54	1/22/98	Mir Docking No. 8
102	90	90	15	21	49	59	4/17/98	Neurolab
103	91	91	09	19	53	57	6/2/98	Mir Docking No. 9
103	92	95	08	21	43	57	10/29/98	Spartan-201R; John Glenn
105	93	88	11	19	17	55	12/4/98	ISS: 2A (Unity Node 1)
103	94	96	09	19	13	01	5/27/99	ISS: 2A.2 (logistics)
102	95	93	04	22	49	35	7/23/99	Chandra X-ray Observatory
103	96	103	07	23	10	42	12/19/99	HST SM-3A
105	97	99	11	05	38	43	2/11/00	SRTM
104	98	101	09	20	09	08	5/19/00	ISS 2A.2a
104	99	106	11	19	11	01	9/8/00	ISS 2A.2b
103	100	92	12	21	42	41	10/11/00	ISS 3A (Z1 truss, PMA-3)
105	101	97	10	19	57	24	11/30/00	ISS 4A (P6 solar array)

104	102	98	12	21	20	03	2/7/01	ISS 5A (Destiny module)
103	103	102	12	19	49	32	3/8/01	ISS 5A.1 (crew rotation)
105	104	100	11	21	30	00	4/19/01	ISS 6A (SSRMS)
104	105	104	12	18	34	56	7/12/01	ISS 7A (Airlock module)
103	106	105	11	21	12	44	8/10/01	ISS 7A.1 (crew rotation)
105	107	108	11	19	35	42	12/17/01	ISS UF1 (crew rotation)
102	108	109	10	22	9	51	3/1/02	HST SM-3B
104	109	110	10	19	42	38	4/8/02	ISS 8A (S0 truss)
105	110	111	13	20	34	52	6/5/02	ISS UF2 (crew rotation)
104	111	112	10	19	57	49	10/7/02	ISS 9A (S1 truss)
105	112	113	13	18	47	25	11/23/02	ISS 11A (crew rotate/P1)
102	113	107	15	22	21	21	1/16/03	Vehicle lost 2/1/03
								12/17/04