

Military Time to Decimal Chart

Hours 0000 to 2400 and minutes 00 to 59, as decimal hours

Hour of the day

Military	12-hour	Decimal h	Military	12-hour	Decimal h	Military	12-hour	Decimal h
0000	12:00 AM	0.00	0900	9:00 AM	9.00	1800	6:00 PM	18.00
0100	1:00 AM	1.00	1000	10:00 AM	10.00	1900	7:00 PM	19.00
0200	2:00 AM	2.00	1100	11:00 AM	11.00	2000	8:00 PM	20.00
0300	3:00 AM	3.00	1200	12:00 PM	12.00	2100	9:00 PM	21.00
0400	4:00 AM	4.00	1300	1:00 PM	13.00	2200	10:00 PM	22.00
0500	5:00 AM	5.00	1400	2:00 PM	14.00	2300	11:00 PM	23.00
0600	6:00 AM	6.00	1500	3:00 PM	15.00	2400	12:00 AM*	24.00
0700	7:00 AM	7.00	1600	4:00 PM	16.00			
0800	8:00 AM	8.00	1700	5:00 PM	17.00			

Hour plus minutes: 1730 = 17.00 + 0.50 = 17.50 hours

Minutes (the last two digits)

Minutes	Decimal h	Minutes	Decimal h	Minutes	Decimal h	Minutes	Decimal h
00	0.00	15	0.25	30	0.50	45	0.75
01	~0.02	16	~0.27	31	~0.52	46	~0.77
02	~0.03	17	~0.28	32	~0.53	47	~0.78
03	0.05	18	0.30	33	0.55	48	0.80
04	~0.07	19	~0.32	34	~0.57	49	~0.82
05	~0.08	20	~0.33	35	~0.58	50	~0.83
06	0.10	21	0.35	36	0.60	51	0.85
07	~0.12	22	~0.37	37	~0.62	52	~0.87
08	~0.13	23	~0.38	38	~0.63	53	~0.88
09	0.15	24	0.40	39	0.65	54	0.90
10	~0.17	25	~0.42	40	~0.67	55	~0.92
11	~0.18	26	~0.43	41	~0.68	56	~0.93
12	0.20	27	0.45	42	0.70	57	0.95
13	~0.22	28	~0.47	43	~0.72	58	~0.97
14	~0.23	29	~0.48	44	~0.73	59	~0.98

~ marks a rounded value (the exact decimal repeats). Quarter hours are highlighted.

* 2400 is the end of the day, the same moment as 0000 the next day.