

Dynamic Activity:

Key: Tr = Transit, Pr = Progressed, Di = Directed, Na = Natal

Key: E = Entering, X = Exact, L = Leaving

Key: R = Retrograde

Key: P1 = Dynamic Planet, P2 = Dynamic Planet or Natal Planet or Sign or House Cusp

Key: Dyn = Dynamic aspect between P1 and P2, Type = Type of dynamic activity

Key: Nat = Natal aspect between P1 and P2

Calendar System: Gregorian

Time Frame: From 1 Jan 1600, 12:00:00 AM, GMT +00:00:00

Time Frame: To 1 Jan 2050, 12:00:00 AM, GMT +00:00:00

Location: Greenwich, England, 0w00 00, 51n29 00

Latitude Type: Geographic

Coordinate System: Geocentric

Zodiac System: Tropical

Angles: MC from sidereal time

Progression Type: Secondary

Progressed MC method: True SA Long

Direction Arc: Solar

Arc Factor: 1.0 x Arc

Moon's Node: True

Converse: No

Precessed: No

P1	Dyn	P2	Type	Nat	Event	EXL	Date	P1pos	P2pos
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	21 Nov 1600	19 ♈ 05	19 ♏ 05
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	16 Jul 1601	18 ♊ 31	18 ♏ 31
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	17 Jan 1603	18 ♎ 44	18 ♏ 44
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	3 Oct 1603	21 ♏ 55	21 ♏ 55
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	20 Mar 1605	22 ♈ 39	22 ♏ 39
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	14 Jan 1606	06 ♏ 02	06 ♎ 02
♂	♋	☐	Tr-Tr		Dynamic-Dynamic	X	31 May 1606	01 ♈ 51	01 ♎ 51
♂	☐	♈	Tr-Tr	♋	Dynamic-Dynamic	X	29 Jul 1606	00 ♈ 25	00 ♎ 25
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	14 Jun 1607	06 ♎ 04	06 ♈ 04
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	3 May 1608	27 ♏ 17	27 ♈ 17
♂	♋	☐	Tr-Tr		Dynamic-Dynamic	X	26 Jul 1608	13 ♎ 19	13 ♎ 19
♂	☐	♈	Tr-Tr	♋	Dynamic-Dynamic	X	8 Oct 1608	13 ♎ 57	13 ♎ 57
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	19 Sep 1609	20 ♏ 37	20 ♊ 37
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	1 Jul 1610	04 ♈ 31	04 ♎ 31
♂	♋	☐	Tr-Tr		Dynamic-Dynamic	X	23 Oct 1610	24 ♈ 03	24 ♎ 03
♂	☐	♈	Tr-Tr	♋	Dynamic-Dynamic	X	14 Dec 1610	22 ♈ 52	22 ♎ 52
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	8 Dec 1611	26 ♏ 09	26 ♏ 09
♂	☐	♈	Tr-Tr		Dynamic-Dynamic	X	30 Aug 1612	06 ♊ 51	06 ♏ 51
♂	♋	☐	Tr-Tr		Dynamic-Dynamic	X	21 Nov 1612	22 ♊ 48	22 ♏ 48
♂	☐	♈	Tr-Tr	♋	Dynamic-Dynamic	X	8 Mar 1613	22 ♊ 06	22 ♏ 06
♂	☐	♈	Tr-Tr	♋	Dynamic-Dynamic	X	6 Feb 1614	26 ♏ 29	26 ♎ 29
♂	☐	♈	Tr-Tr	♋	Dynamic-Dynamic	X	31 May 1615	19 ♏ 50	19 ♏ 50

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	5 Apr 1616	28 Ⅴ 30	28 Ⅴ 30
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	22 Aug 1617	23 Ⅱ 32	23 Ⅴ 32
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	18 Jun 1618	07 Ⅱ 35	07 Ⅴ 35
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	9 Nov 1619	05 Ⅴ 15	05 Ⅲ 15
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	18 Sep 1620	20 Ⅱ 53	20 Ⅴ 53
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	18 Jan 1622	16 Ⅴ 59	16 Ⅱ 59
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	15 Dec 1622	27 Ⅱ 55	27 Ⅴ 55
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	25 Mar 1624	21 Ⅴ 25	21 Ⅱ 25
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	22 Feb 1625	28 Ⅴ 40	28 Ⅲ 40
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	6 Jun 1626	21 Ⅴ 09	21 Ⅱ 09
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	22 Apr 1627	29 Ⅴ 26	29 Ⅲ 26
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	24 Aug 1628	23 Ⅲ 23	23 Ⅴ 23
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	24 Jun 1629	05 Ⅴ 33	05 Ⅴ 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	16 Nov 1630	03 Ⅴ 28	03 Ⅴ 28
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	17 Sep 1631	17 Ⅴ 15	17 Ⅲ 15
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Jan 1633	16 Ⅴ 54	16 Ⅴ 54
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	30 Dec 1633	24 Ⅲ 22	24 Ⅱ 22
♂ R	□	4	Tr-Tr	Dynamic-Dynamic	X	7 Mar 1634	21 Ⅲ 49	21 Ⅱ 49
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Jul 1634	18 Ⅱ 26	18 Ⅴ 26
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	7 Apr 1635	24 Ⅲ 31	24 Ⅴ 31
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	7 Oct 1636	21 Ⅴ 54	21 Ⅲ 54
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 Jun 1637	26 Ⅱ 06	26 Ⅲ 06
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Nov 1638	19 Ⅴ 59	19 Ⅲ 59
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Aug 1639	28 Ⅱ 02	28 Ⅲ 02
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Jan 1641	23 Ⅲ 53	23 Ⅴ 53
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Nov 1641	07 Ⅲ 24	07 Ⅴ 24
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	9 May 1643	12 Ⅴ 32	12 Ⅲ 32
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	17 Feb 1644	22 Ⅴ 24	22 Ⅲ 24
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 Aug 1645	00 Ⅱ 33	00 Ⅴ 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Apr 1646	02 Ⅲ 21	02 Ⅴ 21
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 Nov 1647	06 Ⅴ 11	06 Ⅲ 11
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Jun 1648	05 Ⅱ 23	05 Ⅲ 23
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	4 Jan 1650	05 Ⅴ 51	05 Ⅲ 51
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	12 Sep 1650	07 Ⅱ 35	07 Ⅲ 35
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	3 Mar 1652	08 Ⅲ 03	08 Ⅴ 03

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	17 Dec 1652	18 ⅁ 15	18 ⅴ 15
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 May 1654	19 II 32	19 ⅴ 32
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	9 Apr 1655	09 ⅴ 36	09 ⅴ 36
♂	⊠	4	Tr-Tr	Dynamic-Dynamic	X	19 Jul 1655	28 ⅴ 48	28 ⅴ 48
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	21 Sep 1655	28 ⅴ 44	28 ⅴ 44
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	29 Aug 1656	05 ⅴ 24	05 II 24
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Jun 1657	20 ⅴ 14	20 II 14
♂	⊠	4	Tr-Tr	Dynamic-Dynamic	X	23 Oct 1657	10 ⅴ 47	10 ⅴ 47
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	19 Nov 1657	10 ⅴ 04	10 ⅴ 04
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	21 Nov 1658	13 ⅴ 03	13 ⅴ 03
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	12 Aug 1659	22 ⅴ 59	22 ⅴ 59
♂	⊠	4	Tr-Tr	Dynamic-Dynamic	X	26 Nov 1659	12 II 09	12 ⅴ 09
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	16 Feb 1660	10 II 26	10 ⅴ 26
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 Jan 1661	13 ⅴ 49	13 ⅴ 49
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	11 May 1662	07 ⅴ 32	07 ⅴ 32
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 Mar 1663	14 ⅴ 49	14 ⅴ 49
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	3 Aug 1664	09 ⅴ 20	09 ⅴ 20
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 May 1665	22 ⅴ 11	22 ⅴ 11
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	23 Oct 1666	19 ⅴ 40	19 ⅴ 40
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	28 Aug 1667	05 ⅴ 34	05 ⅴ 34
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	2 Jan 1669	02 ⅴ 21	02 II 21
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	26 Nov 1669	14 ⅴ 30	14 ⅴ 30
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	10 Mar 1671	08 ⅴ 26	08 ⅴ 26
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	8 Feb 1672	16 ⅴ 10	16 ⅴ 10
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	19 May 1673	08 ⅴ 40	08 ⅴ 40
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	8 Apr 1674	16 ⅴ 28	16 ⅴ 28
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	6 Aug 1675	09 ⅴ 46	09 ⅴ 46
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	8 Jun 1676	21 ⅴ 11	21 ⅴ 11
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	28 Oct 1677	18 ⅴ 04	18 ⅴ 04
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	26 Aug 1678	02 ⅴ 09	02 ⅴ 09
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	14 Jan 1680	01 ⅴ 30	01 ⅴ 30
♂	□	4 ⊠	Tr-Tr	Dynamic-Dynamic	X	2 Dec 1680	11 ⅴ 23	11 II 23
♂	⊠	4	Tr-Tr	Dynamic-Dynamic	X	19 Mar 1681	10 ⅴ 04	10 II 04
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	5 Jul 1681	02 ⅴ 08	02 ⅴ 08

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 Mar 1682	10 𐀓 43	10 𐀓 43
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 Sep 1683	08 𐀓 54	08 𐀓 54
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	28 May 1684	13 𐀓 14	13 𐀓 14
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	14 Nov 1685	07 𐀓 11	07 𐀓 11
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	10 Aug 1686	14 𐀓 23	14 𐀓 23
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	9 Jan 1688	08 𐀓 33	08 𐀓 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	3 Nov 1688	21 𐀓 33	21 𐀓 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	12 Apr 1690	24 𐀓 12	24 𐀓 12
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	29 Jan 1691	06 𐀓 07	06 𐀓 07
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	1 Aug 1692	14 𐀓 38	14 𐀓 38
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Apr 1693	17 𐀓 53	17 𐀓 53
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 Oct 1694	22 𐀓 59	22 𐀓 59
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Jun 1695	22 𐀓 16	22 𐀓 16
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	21 Dec 1696	23 𐀓 15	23 𐀓 15
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	24 Aug 1697	23 𐀓 52	23 𐀓 52
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	16 Feb 1699	24 𐀓 00	24 𐀓 00
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	22 Nov 1699	01 𐀓 27	01 𐀓 27
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	2 May 1701	03 𐀓 03	03 𐀓 03
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 Mar 1702	21 𐀓 03	21 𐀓 03
♂	𐀓 □	4	Tr-Tr	Dynamic-Dynamic	X	16 Jul 1702	13 𐀓 56	13 𐀓 56
♂	□	4 𐀓	Tr-Tr	Dynamic-Dynamic	X	1 Sep 1702	13 𐀓 13	13 𐀓 13
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 Aug 1703	19 𐀓 27	19 𐀓 27
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	31 May 1704	05 𐀓 15	05 𐀓 15
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	5 Nov 1705	29 𐀓 29	29 𐀓 29
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Jul 1706	09 𐀓 15	09 𐀓 15
♂	𐀓 □	4	Tr-Tr	Dynamic-Dynamic	X	30 Nov 1706	00 𐀓 37	00 𐀓 37
♂	□	4 𐀓	Tr-Tr	Dynamic-Dynamic	X	25 Jan 1707	28 𐀓 45	28 𐀓 45
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Jan 1708	01 𐀓 12	01 𐀓 12
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	10 Oct 1708	12 𐀓 55	12 𐀓 55
♂	𐀓 □	4	Tr-Tr	Dynamic-Dynamic	X	3 Dec 1708	23 𐀓 45	23 𐀓 45
♂	□	4 𐀓	Tr-Tr	Dynamic-Dynamic	X	22 Apr 1709	25 𐀓 31	25 𐀓 31
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	9 Mar 1710	01 𐀓 27	01 𐀓 27
♂	□	4 𐀓	Tr-Tr	Dynamic-Dynamic	X	16 Jul 1711	25 𐀓 33	25 𐀓 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 May 1712	07 𐀓 00	07 𐀓 00
♂	□	4 𐀓	Tr-Tr	Dynamic-Dynamic	X	5 Oct 1713	04 𐀓 05	04 𐀓 05

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	7 Aug 1714	19 52	19 52
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	19 Dec 1715	17 22	17 22
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	7 Nov 1716	00 47	00 47
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	24 Feb 1718	25 16	25 16
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	24 Jan 1719	03 39	03 39
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	3 May 1720	26 12	26 12
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	26 Mar 1721	03 37	03 37
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	19 Jul 1722	26 20	26 20
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	25 May 1723	06 55	06 55
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	9 Oct 1724	02 45	02 45
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	7 Aug 1725	16 49	16 49
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	29 Dec 1726	15 50	15 50
♂	□	4 R	Tr-Tr	Dynamic-Dynamic	X	10 Nov 1727	27 38	27 38
♂ R	□	4	Tr-Tr	Dynamic-Dynamic	X	4 Apr 1728	00 33	00 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	3 Jun 1728	13 29	13 29
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 Mar 1729	26 35	26 35
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 Sep 1730	25 26	25 26
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 May 1731	00 16	00 16
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	2 Nov 1732	24 34	24 34
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	24 Jul 1733	01 06	01 06
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	24 Dec 1734	24 12	24 12
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	16 Oct 1735	06 29	06 29
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	17 Mar 1737	06 21	06 21
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Jan 1738	19 56	19 56
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	9 Jul 1739	28 00	28 00
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Mar 1740	02 59	02 59
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	7 Oct 1741	09 10	09 10
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	31 May 1742	08 48	08 48
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	10 Dec 1743	10 33	10 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	7 Aug 1744	10 24	10 24
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	3 Feb 1746	10 29	10 29
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Oct 1746	15 39	15 39
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Apr 1748	17 05	17 05
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 Feb 1749	02 31	02 31

♂	R	□	4	R	Tr-Tr	Dynamic-Dynamic	X	24 Jul 1749	28 ♀ 26	28 ♂ 26
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	1 Aug 1749	28 ♀ 19	28 ♂ 19
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	15 Jul 1750	02 ♀ 53	02 ♂ 53
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	14 May 1751	19 ≈ 32	19 ♂ 32
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	17 Oct 1752	15 ♂ 20	15 ♀ 20
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	11 Jul 1753	25 ♀ 25	25 ♀ 25
♂	R	□	4	R	Tr-Tr	Dynamic-Dynamic	X	13 Dec 1753	17 ♂ 42	17 ♀ 42
♂	R	□	4	R	Tr-Tr	Dynamic-Dynamic	X	13 Dec 1753	17 ♂ 49	17 ♀ 49
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	28 Dec 1754	18 ♀ 35	18 ♀ 35
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	17 Sep 1755	27 ♀ 54	27 ♀ 54
♂	R	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Dec 1755	14 ♀ 47	14 ♂ 47
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	1 Apr 1756	13 ♀ 48	13 ♂ 48
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	24 Feb 1757	18 ≈ 29	18 ♀ 29
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	26 Jun 1758	12 ♀ 19	12 ♀ 19
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	26 Apr 1759	22 ♀ 12	22 ♀ 12
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	16 Sep 1760	18 ♀ 39	18 ≈ 39
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	16 Jul 1761	03 ♀ 47	03 ♀ 47
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	2 Dec 1762	01 ≈ 49	01 ♂ 49
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	18 Oct 1763	16 ♀ 20	16 ♀ 20
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	8 Feb 1765	11 ♀ 36	11 ♀ 36
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	7 Jan 1766	20 ♀ 55	20 ♀ 55
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	17 Apr 1767	13 ♀ 44	13 ♀ 44
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	12 Mar 1768	20 ♀ 57	20 ♂ 57
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	30 Jun 1769	13 ♀ 16	13 ♀ 16
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	10 May 1770	22 ♂ 56	22 ♀ 56
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	20 Sep 1771	17 ♂ 41	17 ♀ 41
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	18 Jul 1772	01 ♀ 25	01 ♂ 25
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	11 Dec 1773	29 ♀ 55	29 ♂ 55
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	17 Oct 1774	13 ♀ 15	13 ♂ 15
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	21 Feb 1776	12 ♂ 06	12 ♀ 06
♂		□	4	R	Tr-Tr	Dynamic-Dynamic	X	3 Feb 1777	17 ♂ 08	17 ♀ 08
♂	R	□	4		Tr-Tr	Dynamic-Dynamic	X	15 Mar 1777	15 ♂ 14	15 ♀ 14
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	21 Aug 1777	11 ♀ 30	11 ♀ 30
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	27 Apr 1778	17 ♂ 13	17 ♀ 13
♂		□	4		Tr-Tr	Dynamic-Dynamic	X	21 Oct 1779	11 ♀ 56	11 ♂ 56

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	6 Jul 1780	17 59	17 59
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 Dec 1781	10 16	10 16
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Sep 1782	21 37	21 37
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	20 Feb 1784	18 42	18 42
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	22 Dec 1784	03 32	03 32
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 Jun 1786	10 35	10 35
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Mar 1787	17 42	17 42
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	18 Sep 1788	24 51	24 51
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	16 May 1789	25 08	25 08
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	26 Nov 1790	27 43	27 43
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	21 Jul 1791	27 04	27 04
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	20 Jan 1793	27 18	27 18
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 Oct 1793	00 42	00 42
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Mar 1795	01 54	01 54
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	18 Jan 1796	14 40	14 40
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	22 Jun 1797	16 18	16 18
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Apr 1798	03 21	03 21
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	28 Sep 1799	00 37	00 37
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Jun 1800	11 15	11 15
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	14 Dec 1801	05 36	05 36
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	28 Aug 1802	13 41	13 41
♂	⊠	4	Tr-Tr	Dynamic-Dynamic	X	20 Dec 1802	04 20	04 20
♂	□	4	⊠	Tr-Tr	X	12 Mar 1803	02 13	02 13
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	12 Feb 1804	05 40	05 40
♂	□	4	⊠	Tr-Tr	X	7 Jun 1805	29 34	29 34
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Apr 1806	07 56	07 56
♂	□	4	⊠	Tr-Tr	X	30 Aug 1807	03 45	03 45
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Jun 1808	17 45	17 45
♂	□	4	⊠	Tr-Tr	X	16 Nov 1809	16 00	16 00
♂	□	4	⊠	Tr-Tr	X	27 Sep 1810	01 18	01 18
♂	□	4	⊠	Tr-Tr	X	25 Jan 1812	27 25	27 25
♂	□	4	⊠	Tr-Tr	X	22 Dec 1812	07 53	07 53
♂	□	4	⊠	Tr-Tr	X	2 Apr 1814	01 08	01 08
♂	□	4	⊠	Tr-Tr	X	28 Feb 1815	08 25	08 25
♂	□	4	⊠	Tr-Tr	X	13 Jun 1816	00 34	00 34

♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	26 Apr 1817	09 ♠ 23	09 ♠ 23
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	2 Sep 1818	03 ♠ 10	03 ♠ 10
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	1 Jul 1819	16 ♠ 08	16 ♠ 08
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 Nov 1820	13 ♠ 45	13 ♠ 45
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	25 Sep 1821	28 ♠ 07	28 ♠ 07
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	6 Feb 1823	26 ♠ 59	26 ♠ 59
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	5 Jan 1824	05 ♠ 00	05 ♠ 00
♂	R	□	4	Tr-Tr	Dynamic-Dynamic	X	29 Mar 1824	02 ♠ 46	02 ♠ 46
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 Aug 1824	26 ♠ 33	26 ♠ 33
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Apr 1825	03 ♠ 53	03 ♠ 53
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	8 Oct 1826	29 ♠ 13	29 ♠ 13
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	20 Jun 1827	05 ♠ 02	05 ♠ 02
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	25 Nov 1828	26 ♠ 52	26 ♠ 52
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	6 Sep 1829	07 ♠ 12	07 ♠ 12
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	28 Jan 1831	01 ♠ 36	01 ♠ 36
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	3 Dec 1831	17 ♠ 09	17 ♠ 09
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	17 May 1833	22 ♠ 22	22 ♠ 22
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 Feb 1834	01 ♠ 55	01 ♠ 55
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	31 Aug 1835	09 ♠ 56	09 ♠ 56
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 May 1836	11 ♠ 13	11 ♠ 13
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	12 Nov 1837	14 ♠ 48	14 ♠ 48
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	5 Jul 1838	13 ♠ 52	13 ♠ 52
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	8 Jan 1840	14 ♠ 16	14 ♠ 16
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	18 Sep 1840	16 ♠ 10	16 ♠ 10
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	9 Mar 1842	17 ♠ 01	17 ♠ 01
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 Dec 1842	27 ♠ 07	27 ♠ 07
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	30 May 1844	29 ♠ 32	29 ♠ 32
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	4 Apr 1845	16 ♠ 23	16 ♠ 23
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	7 Sep 1846	15 ♠ 23	15 ♠ 23
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	12 Jun 1847	26 ♠ 49	26 ♠ 49
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	27 Nov 1848	22 ♠ 19	22 ♠ 19
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	10 Aug 1849	29 ♠ 49	29 ♠ 49
♂	R	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Dec 1849	22 ♠ 51	22 ♠ 51
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	15 Feb 1850	20 ♠ 47	20 ♠ 47

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	29 Jan 1851	22 ⅴ 51	22 ⅴ 51
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	6 Nov 1851	05 ⅴ 39	05 ⅴ 39
♂	ⅴ	□	4	Tr-Tr	X	16 Dec 1851	13 ⅴ 46	13 ⅴ 46
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	17 May 1852	17 ⅴ 10	17 ⅴ 10
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Mar 1853	24 ⅴ 08	24 ⅴ 08
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	11 Aug 1854	19 ⅴ 28	19 ⅴ 28
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	7 Jun 1855	02 ⅴ 12	02 ⅴ 12
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	29 Oct 1856	00 ⅴ 24	00 ⅴ 24
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	5 Sep 1857	15 ⅴ 56	15 ⅴ 56
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	8 Jan 1859	12 ⅴ 49	12 ⅴ 49
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	4 Dec 1859	24 ⅴ 25	24 ⅴ 25
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	16 Mar 1861	18 ⅴ 11	18 ⅴ 11
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	13 Feb 1862	25 ⅴ 49	25 ⅴ 49
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	27 May 1863	17 ⅴ 59	17 ⅴ 59
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	12 Apr 1864	26 ⅴ 11	26 ⅴ 11
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	13 Aug 1865	19 ⅴ 13	19 ⅴ 13
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	14 Jun 1866	01 ⅴ 17	01 ⅴ 17
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	5 Nov 1867	27 ⅴ 55	27 ⅴ 55
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	3 Sep 1868	12 ⅴ 40	12 ⅴ 40
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	20 Jan 1870	11 ⅴ 25	11 ⅴ 25
♂	□	4 ⅴ	Tr-Tr	Dynamic-Dynamic	X	10 Dec 1870	21 ⅴ 47	21 ⅴ 47
♂	ⅴ	□	4	Tr-Tr	X	10 Apr 1871	21 ⅴ 40	21 ⅴ 40
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 Jul 1871	10 ⅴ 04	10 ⅴ 04
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	28 Mar 1872	20 ⅴ 08	20 ⅴ 08
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	24 Sep 1873	16 ⅴ 18	16 ⅴ 18
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	3 Jun 1874	22 ⅴ 13	22 ⅴ 13
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 Nov 1875	14 ⅴ 00	14 ⅴ 00
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	17 Aug 1876	23 ⅴ 25	23 ⅴ 25
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	6 Jan 1878	15 ⅴ 29	15 ⅴ 29
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Nov 1878	01 ⅴ 04	01 ⅴ 04
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	17 Apr 1880	03 ⅴ 27	03 ⅴ 27
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	4 Feb 1881	15 ⅴ 35	15 ⅴ 35
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	9 Aug 1882	24 ⅴ 05	24 ⅴ 05
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	16 Apr 1883	26 ⅴ 45	26 ⅴ 45
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	28 Oct 1884	01 ⅴ 32	01 ⅴ 32

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	19 Jun 1885	00 II 36	00 III 36
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	26 Dec 1886	01 ≈ 25	01 III 25
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Aug 1887	02 ♀ 11	02 III 11
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	20 Feb 1889	02 ♀ 34	02 III 34
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Nov 1889	10 ♀ 11	10 III 11
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	8 May 1891	12 II 43	12 ♀ 43
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Mar 1892	28 ♀ 39	28 ♀ 39
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Aug 1893	29 ♀ 26	29 ♀ 26
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 May 1894	11 ♀ 56	11 II 56
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	11 Nov 1895	08 III 47	08 ♀ 47
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Jul 1896	16 ♀ 08	16 ♀ 08
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Jan 1898	10 III 08	10 ♀ 08
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	6 Oct 1898	19 ♀ 05	19 ♀ 05
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Dec 1898	05 ♀ 41	05 III 41
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Apr 1899	05 ♀ 05	05 III 05
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	14 Mar 1900	10 ♀ 32	10 ♀ 32
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	23 Jul 1901	05 ♀ 27	05 III 27
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	20 May 1902	16 ♀ 46	16 ≈ 46
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	13 Oct 1903	14 ♀ 41	14 ♀ 41
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Aug 1904	00 ♀ 10	00 ♀ 10
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	24 Dec 1905	27 ≈ 47	27 ♀ 47
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	16 Nov 1906	10 ♀ 33	10 ♀ 33
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	1 Mar 1908	04 ♀ 55	04 ♀ 55
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	29 Jan 1909	13 ♀ 04	13 III 04
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	10 May 1910	05 ♀ 23	05 ♀ 23
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	31 Mar 1911	13 ≈ 09	13 III 09
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	26 Jul 1912	05 III 39	05 ♀ 39
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 May 1913	16 ♀ 54	16 III 54
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	17 Oct 1914	12 III 36	12 ≈ 36
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Aug 1915	27 II 19	27 ♀ 19
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	4 Jan 1917	25 III 48	25 ♀ 48
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	17 Nov 1917	07 III 59	07 II 59
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	5 May 1918	14 III 34	14 II 34
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	28 May 1918	19 III 19	19 II 19
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	14 Mar 1919	06 ♀ 01	06 ♀ 01

♂	□	4	R _x	Tr-Tr	Dynamic-Dynamic	X	11 Mar 1920	08 M _b 57	08 Q _b 57
♂	R _x □	4	R _x	Tr-Tr	Dynamic-Dynamic	X	26 Mar 1920	08 M _b 15	08 Q _b 15
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	9 Sep 1920	02 ♀ 48	02 M _b 48
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	19 May 1921	09 II 12	09 M _b 12
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 Nov 1922	01 ≈ 15	01 M _b 15
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	31 Jul 1923	09 Q _b 57	09 M _b 57
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	20 Dec 1924	00 T _b 26	00 W _b 26
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	22 Oct 1925	15 U _b 34	15 W _b 34
♂	□	4	R _x	Tr-Tr	Dynamic-Dynamic	X	17 Sep 1926	18 Y _b 27	18 ≈ 27
♂	R _x □	4	R _x	Tr-Tr	Dynamic-Dynamic	X	16 Oct 1926	17 Y _b 21	17 ≈ 21
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	21 Mar 1927	14 II 33	14 Y _b 33
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	17 Jan 1928	29 ♀ 06	29 Y _b 06
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	16 Jul 1929	07 M _b 14	07 II 14
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 Apr 1930	11 Y _b 46	11 II 46
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Oct 1931	17 M _b 48	17 Q _b 48
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	4 Jun 1932	17 Y _b 11	17 Q _b 11
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Dec 1933	18 W _b 43	18 U _b 43
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Aug 1934	18 S _b 41	18 U _b 41
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	7 Feb 1936	18 Y _b 48	18 ♀ 48
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	5 Nov 1936	24 M _b 13	24 ♀ 13
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	18 Apr 1938	26 Y _b 18	26 ≈ 18
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	15 Feb 1939	10 ♀ 33	10 Y _b 33
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 Jul 1940	12 Q _b 45	12 Y _b 45
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	10 May 1941	26 ≈ 16	26 Y _b 16
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	24 Oct 1942	24 U _b 40	24 S _b 40
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	11 Jul 1943	02 Y _b 13	02 Q _b 13
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	2 Jan 1945	27 ♀ 20	27 M _b 20
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	15 Sep 1945	04 S _b 26	04 U _b 26
♂	R _x □	4		Tr-Tr	Dynamic-Dynamic	X	8 Jan 1946	25 S _b 34	25 U _b 34
♂	□	4	R _x	Tr-Tr	Dynamic-Dynamic	X	6 Apr 1946	23 S _b 20	23 U _b 20
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 Mar 1947	27 ≈ 16	27 M _b 16
♂	□	4	R _x	Tr-Tr	Dynamic-Dynamic	X	2 Jul 1948	21 M _b 54	21 ♀ 54
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	2 May 1949	01 Y _b 37	01 ≈ 37
♂	□	4	R _x	Tr-Tr	Dynamic-Dynamic	X	24 Sep 1950	29 M _b 03	29 ≈ 03
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	24 Jul 1951	13 S _b 57	13 T _b 57

♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	7 Dec 1952	12 ♀ 21	12 ♂ 21
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	26 Oct 1953	26 ♀ 15	26 II 15
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	14 Feb 1955	21 ♀ 23	21 ♀ 23
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	14 Jan 1956	00 ♀ 18	00 ♀ 18
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	23 Apr 1957	22 II 51	22 ♀ 51
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	17 Mar 1958	00 ♀ 15	00 ♀ 15
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	8 Jul 1959	22 ♀ 21	22 ♀ 21
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	14 May 1960	02 ♀ 39	02 ♀ 39
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	27 Sep 1961	27 ♀ 22	27 ♀ 22
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	26 Jul 1962	11 II 45	11 ♀ 45
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	18 Dec 1963	09 ♀ 51	09 ♀ 51
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	25 Oct 1964	23 ♀ 31	23 ♂ 31
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	26 Feb 1966	21 ♀ 30	21 II 30
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	3 Feb 1967	27 ♀ 32	27 ♀ 32
♂	R	□	4	Tr-Tr	Dynamic-Dynamic	X	14 Apr 1967	25 ♀ 19	25 ♀ 19
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 Aug 1967	18 ♀ 39	18 ♀ 39
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	2 May 1968	26 ♂ 02	26 ♀ 02
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	19 Oct 1969	18 ♀ 28	18 ♀ 28
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Jul 1970	26 ♀ 40	26 ♀ 40
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	4 Dec 1971	16 ♀ 12	16 ♀ 12
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 Oct 1972	00 ♀ 40	00 ♀ 40
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	23 Aug 1973	04 ♂ 17	04 ♀ 17
♂	R	□	4	Tr-Tr	Dynamic-Dynamic	X	20 Oct 1973	03 ♂ 05	03 ♀ 05
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	20 Feb 1974	26 ♂ 11	26 ♀ 11
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	29 Dec 1974	12 ♀ 50	12 ♀ 50
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	19 Jun 1976	19 ♀ 49	19 ♂ 49
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	15 Mar 1977	26 ♀ 34	26 ♂ 34
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	25 Sep 1978	03 ♀ 29	03 ♀ 29
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	20 May 1979	03 ♂ 29	03 ♀ 29
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	29 Nov 1980	05 ♀ 48	05 ♀ 48
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	26 Jul 1981	05 ♀ 14	05 ♀ 14
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	24 Jan 1983	05 ♀ 22	05 ♀ 22
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	14 Oct 1983	09 ♀ 03	09 ♀ 03
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	29 Mar 1985	10 ♂ 33	10 ♀ 33

♂	□	4	Tr-Tr	Dynamic-Dynamic	X	21 Jan 1986	22 m 44	22 ≈ 44
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	30 Jun 1987	25 s 48	25 ʹ 48
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	21 Apr 1988	10 ≈ 02	10 ʘ 02
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	4 Oct 1989	09 ʘ 53	09 s 53
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Jun 1990	18 ʹ 02	18 s 02
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	19 Dec 1991	14 ʘ 22	14 m 22
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	27 Aug 1992	20 II 30	20 m 30
♂	⊠	□	4	Tr-Tr	X	16 Jan 1993	14 s 25	14 ʘ 25
♂	□	4	⊠	Tr-Tr	X	12 Mar 1993	12 s 04	12 ʘ 04
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Feb 1994	14 ≈ 22	14 m 22
♂	□	4	⊠	Tr-Tr	X	13 Jun 1995	09 m 02	09 ʘ 02
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	15 Apr 1996	17 ʹ 04	17 ʘ 04
♂	□	4	⊠	Tr-Tr	X	5 Sep 1997	13 m 49	13 ≈ 49
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	2 Jul 1998	27 II 41	27 ʘ 41
♂	□	4	⊠	Tr-Tr	X	21 Nov 1999	26 ʘ 27	26 ʹ 27
♂	□	4	⊠	Tr-Tr	X	4 Oct 2000	11 m 08	11 II 08
♂	□	4	⊠	Tr-Tr	X	28 Jan 2002	07 ʹ 16	07 s 16
♂	□	4	⊠	Tr-Tr	X	28 Dec 2002	17 m 10	17 ʘ 10
♂	□	4	⊠	Tr-Tr	X	6 Apr 2004	10 II 12	10 m 12
♂	□	4	⊠	Tr-Tr	X	3 Mar 2005	17 ʘ 30	17 ʘ 30
♂	□	4	⊠	Tr-Tr	X	19 Jun 2006	09 ʘ 25	09 m 25
♂	□	4	⊠	Tr-Tr	X	30 Apr 2007	18 ʘ 48	18 ʘ 48
♂	□	4	⊠	Tr-Tr	X	7 Sep 2008	12 ʘ 32	12 ʘ 32
♂	□	4	⊠	Tr-Tr	X	6 Jul 2009	26 ʘ 15	26 ≈ 15
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	29 Nov 2010	23 ʘ 43	23 ʘ 43
♂	□	4	⊠	Tr-Tr	X	3 Oct 2011	08 ʘ 30	08 ʘ 30
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	10 Feb 2013	06 ʘ 34	06 II 34
♂	□	4	⊠	Tr-Tr	X	8 Jan 2014	15 ʘ 02	15 s 02
♂	⊠	□	4	Tr-Tr	X	22 Apr 2014	13 ʘ 51	13 s 51
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	1 Aug 2014	03 m 38	03 ʘ 38
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	18 Apr 2015	12 ʘ 45	12 ʘ 45
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	5 Oct 2016	05 ʘ 41	05 ʘ 41
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	25 Jun 2017	13 s 36	13 ʘ 36
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	20 Nov 2018	02 ʘ 32	02 ʘ 32
♂	□	4	Tr-Tr	Dynamic-Dynamic	X	12 Sep 2019	16 m 02	16 ʘ 02

♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	4 Aug 2020	19 T 44	19 V 44
♂	R	□	4	Tr-Tr	Dynamic-Dynamic	X	19 Oct 2020	19 T 29	19 V 29
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 Jan 2021	07 X 59	07 ≈ 59
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	8 Dec 2021	26 M 25	26 ≈ 25
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 May 2023	01 Q 27	01 X 27
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	27 Feb 2024	10 ≈ 52	10 X 52
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	5 Sep 2025	18 U 34	18 S 34
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	5 May 2026	19 T 31	19 S 31
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	16 Nov 2027	22 X 45	22 P 45
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	8 Jul 2028	21 II 52	21 P 52
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	10 Jan 2030	22 ≈ 08	22 M 08
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	23 Sep 2030	24 Q 22	24 M 22
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	11 Mar 2032	25 T 27	25 V 27
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	26 Dec 2032	05 M 30	05 ≈ 30
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	6 Jun 2034	08 S 57	08 T 57
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	2 Apr 2035	23 V 32	23 T 32
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Sep 2036	24 P 43	24 II 43
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	9 Jun 2037	03 T 38	03 S 38
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	3 Dec 2038	01 X 05	01 P 05
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	10 Aug 2039	06 II 40	06 P 40
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 Feb 2041	01 ≈ 27	01 M 27
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	30 Oct 2041	11 Q 11	11 M 11
♂	R	□	4	Tr-Tr	Dynamic-Dynamic	X	12 Jan 2042	26 Q 08	26 M 08
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	23 May 2042	26 Q 32	26 M 32
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	1 Apr 2043	03 T 00	03 V 00
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	16 Aug 2044	29 U 14	29 V 14
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	12 Jun 2045	11 II 42	11 X 42
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	4 Nov 2046	10 V 36	10 T 36
♂	□	4		Tr-Tr	Dynamic-Dynamic	X	13 Sep 2047	25 Q 40	25 X 40
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	12 Jan 2049	22 X 42	22 II 42
♂	□	4	R	Tr-Tr	Dynamic-Dynamic	X	10 Dec 2049	03 M 43	03 Q 43