

Huddersfield

Longitude W001 47
Latitude N53 39

Civil Date			Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2028	1	1	06 13	08 24	12 10	13 42	14 11	15 57	18 08
2028	1	2	06 13	08 24	12 11	13 43	14 12	15 58	18 09
2028	1	3	06 13	08 24	12 11	13 44	14 13	15 59	18 10
2028	1	4	06 13	08 23	12 12	13 45	14 14	16 01	18 11
2028	1	5	06 13	08 23	12 12	13 46	14 15	16 02	18 12
2028	1	6	06 13	08 23	12 13	13 47	14 16	16 03	18 13
2028	1	7	06 12	08 22	12 13	13 49	14 18	16 05	18 14
2028	1	8	06 12	08 22	12 14	13 50	14 19	16 06	18 16
2028	1	9	06 12	08 21	12 14	13 51	14 20	16 07	18 17
2028	1	10	06 11	08 20	12 14	13 52	14 22	16 09	18 18
2028	1	11	06 11	08 20	12 15	13 53	14 23	16 10	18 19
2028	1	12	06 11	08 19	12 15	13 55	14 25	16 12	18 20
2028	1	13	06 10	08 18	12 16	13 56	14 26	16 14	18 22
2028	1	14	06 10	08 17	12 16	13 57	14 28	16 15	18 23
2028	1	15	06 09	08 16	12 16	13 59	14 29	16 17	18 24
2028	1	16	06 08	08 15	12 17	14 00	14 31	16 18	18 26
2028	1	17	06 08	08 14	12 17	14 01	14 32	16 20	18 27
2028	1	18	06 07	08 13	12 17	14 03	14 34	16 22	18 28
2028	1	19	06 06	08 12	12 18	14 04	14 36	16 24	18 30
2028	1	20	06 05	08 11	12 18	14 06	14 37	16 25	18 31
2028	1	21	06 04	08 10	12 18	14 07	14 39	16 27	18 33
2028	1	22	06 03	08 09	12 19	14 09	14 41	16 29	18 34
2028	1	23	06 03	08 07	12 19	14 10	14 42	16 31	18 36
2028	1	24	06 02	08 06	12 19	14 12	14 44	16 33	18 37
2028	1	25	06 00	08 05	12 19	14 13	14 46	16 35	18 39
2028	1	26	05 59	08 03	12 20	14 14	14 48	16 37	18 40
2028	1	27	05 58	08 02	12 20	14 16	14 50	16 39	18 42
2028	1	28	05 57	08 00	12 20	14 18	14 51	16 40	18 44
2028	1	29	05 56	07 59	12 20	14 19	14 53	16 42	18 45
2028	1	30	05 55	07 57	12 20	14 21	14 55	16 44	18 47
2028	1	31	05 53	07 55	12 20	14 22	14 57	16 46	18 48
2028	2	1	05 52	07 54	12 21	14 24	14 59	16 48	18 50
2028	2	2	05 51	07 52	12 21	14 25	15 00	16 50	18 52
2028	2	3	05 49	07 50	12 21	14 27	15 02	16 52	18 53
2028	2	4	05 48	07 48	12 21	14 28	15 04	16 54	18 55
2028	2	5	05 46	07 47	12 21	14 30	15 06	16 56	18 57
2028	2	6	05 45	07 45	12 21	14 32	15 08	16 58	18 59
2028	2	7	05 43	07 43	12 21	14 33	15 10	17 00	19 00
2028	2	8	05 41	07 41	12 21	14 35	15 12	17 02	19 02
2028	2	9	05 40	07 39	12 21	14 36	15 13	17 04	19 04
2028	2	10	05 38	07 37	12 21	14 38	15 15	17 06	19 05
2028	2	11	05 36	07 35	12 21	14 39	15 17	17 08	19 07
2028	2	12	05 35	07 33	12 21	14 41	15 19	17 10	19 09
2028	2	13	05 33	07 31	12 21	14 42	15 21	17 12	19 11
2028	2	14	05 31	07 29	12 21	14 44	15 23	17 14	19 13
2028	2	15	05 29	07 27	12 21	14 45	15 24	17 16	19 14
2028	2	16	05 27	07 25	12 21	14 47	15 26	17 18	19 16
2028	2	17	05 25	07 23	12 21	14 48	15 28	17 20	19 18
2028	2	18	05 23	07 21	12 21	14 50	15 30	17 22	19 20
2028	2	19	05 21	07 19	12 21	14 51	15 32	17 24	19 22
2028	2	20	05 19	07 17	12 21	14 53	15 33	17 26	19 23
2028	2	21	05 17	07 14	12 21	14 54	15 35	17 28	19 25
2028	2	22	05 15	07 12	12 21	14 56	15 37	17 30	19 27
2028	2	23	05 13	07 10	12 21	14 57	15 39	17 32	19 29

NOTE: These times are in GMT, except between 0100 on Mar.26 and 0100 on Oct.29, when they are in BST (1 hour in advance of GMT).

Twilight = Start and End of Astronomical Twilight
 Shadow 1 = Times when the length of the shadow cast by a vertical stick is equal to its length plus length of its shadow at transit
 Shadow 2 = Times when the length of the shadow cast by a vertical stick is equal to twice its length plus length of its shadow at transit
 Transit = Time of Meridian passage of Sun

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Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2028	2	24	05 11	07 08	12 20	14 59	15 41	17 34	19 31
2028	2	25	05 09	07 06	12 20	15 00	15 42	17 36	19 33
2028	2	26	05 07	07 03	12 20	15 02	15 44	17 38	19 35
2028	2	27	05 04	07 01	12 20	15 03	15 46	17 40	19 37
2028	2	28	05 02	06 59	12 20	15 04	15 47	17 42	19 39
2028	2	29	05 00	06 56	12 20	15 06	15 49	17 44	19 40
2028	3	1	04 58	06 54	12 19	15 07	15 51	17 46	19 42
2028	3	2	04 55	06 52	12 19	15 08	15 53	17 48	19 44
2028	3	3	04 53	06 49	12 19	15 10	15 54	17 49	19 46
2028	3	4	04 50	06 47	12 19	15 11	15 56	17 51	19 48
2028	3	5	04 48	06 45	12 18	15 12	15 57	17 53	19 50
2028	3	6	04 46	06 42	12 18	15 14	15 59	17 55	19 52
2028	3	7	04 43	06 40	12 18	15 15	16 01	17 57	19 54
2028	3	8	04 41	06 38	12 18	15 16	16 02	17 59	19 56
2028	3	9	04 38	06 35	12 18	15 18	16 04	18 01	19 58
2028	3	10	04 36	06 33	12 17	15 19	16 06	18 03	20 00
2028	3	11	04 33	06 30	12 17	15 20	16 07	18 05	20 03
2028	3	12	04 30	06 28	12 17	15 21	16 09	18 07	20 05
2028	3	13	04 28	06 26	12 16	15 23	16 10	18 08	20 07
2028	3	14	04 25	06 23	12 16	15 24	16 12	18 10	20 09
2028	3	15	04 22	06 21	12 16	15 25	16 13	18 12	20 11
2028	3	16	04 20	06 18	12 16	15 26	16 15	18 14	20 13
2028	3	17	04 17	06 16	12 15	15 27	16 16	18 16	20 15
2028	3	18	04 14	06 13	12 15	15 29	16 18	18 18	20 17
2028	3	19	04 11	06 11	12 15	15 30	16 19	18 20	20 20
2028	3	20	04 09	06 09	12 14	15 31	16 21	18 21	20 22
2028	3	21	04 06	06 06	12 14	15 32	16 22	18 23	20 24
2028	3	22	04 03	06 04	12 14	15 33	16 24	18 25	20 26
2028	3	23	04 00	06 01	12 14	15 34	16 25	18 27	20 29
2028	3	24	03 57	05 59	12 13	15 35	16 27	18 29	20 31
2028	3	25	03 54	05 56	12 13	15 36	16 28	18 31	20 33
2028	3	26	04 51	06 54	13 13	16 37	17 29	19 33	21 36
2028	3	27	04 48	06 51	13 12	16 39	17 31	19 34	21 38
2028	3	28	04 45	06 49	13 12	16 40	17 32	19 36	21 41
2028	3	29	04 42	06 47	13 12	16 41	17 34	19 38	21 43
2028	3	30	04 39	06 44	13 11	16 42	17 35	19 40	21 46
2028	3	31	04 36	06 42	13 11	16 43	17 36	19 42	21 48
2028	4	1	04 33	06 39	13 11	16 44	17 38	19 44	21 51
2028	4	2	04 30	06 37	13 11	16 45	17 39	19 45	21 53
2028	4	3	04 27	06 34	13 10	16 46	17 40	19 47	21 56
2028	4	4	04 24	06 32	13 10	16 47	17 42	19 49	21 58
2028	4	5	04 21	06 30	13 10	16 48	17 43	19 51	22 01
2028	4	6	04 17	06 27	13 09	16 49	17 44	19 53	22 04
2028	4	7	04 14	06 25	13 09	16 50	17 46	19 55	22 06
2028	4	8	04 11	06 22	13 09	16 50	17 47	19 56	22 09
2028	4	9	04 07	06 20	13 09	16 51	17 48	19 58	22 12
2028	4	10	04 04	06 18	13 08	16 52	17 50	20 00	22 15
2028	4	11	04 01	06 15	13 08	16 53	17 51	20 02	22 18
2028	4	12	03 57	06 13	13 08	16 54	17 52	20 04	22 21
2028	4	13	03 54	06 11	13 08	16 55	17 53	20 06	22 24
2028	4	14	03 50	06 08	13 07	16 56	17 55	20 07	22 27
2028	4	15	03 47	06 06	13 07	16 57	17 56	20 09	22 30
2028	4	16	03 43	06 04	13 07	16 58	17 57	20 11	22 33
2028	4	17	03 40	06 01	13 07	16 58	17 58	20 13	22 36

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Year mth d	h m	h m	h m	h m	h m	h m	h m
2028 4 18	03 36	05 59	13 06	16 59	17 59	20 15	22 39
2028 4 19	03 32	05 57	13 06	17 00	18 01	20 17	22 43
2028 4 20	03 29	05 55	13 06	17 01	18 02	20 18	22 46
2028 4 21	03 25	05 52	13 06	17 02	18 03	20 20	22 50
2028 4 22	03 21	05 50	13 06	17 03	18 04	20 22	22 53
2028 4 23	03 17	05 48	13 05	17 03	18 05	20 24	22 57
2028 4 24	03 13	05 46	13 05	17 04	18 07	20 26	23 01
2028 4 25	03 09	05 44	13 05	17 05	18 08	20 28	23 04
2028 4 26	03 05	05 41	13 05	17 06	18 09	20 29	23 08
2028 4 27	03 01	05 39	13 05	17 07	18 10	20 31	23 12
2028 4 28	02 56	05 37	13 05	17 07	18 11	20 33	23 17
2028 4 29	02 52	05 35	13 04	17 08	18 12	20 35	23 21
2028 4 30	02 47	05 33	13 04	17 09	18 13	20 37	23 25
2028 5 1	02 43	05 31	13 04	17 10	18 14	20 39	23 30
2028 5 2	02 38	05 29	13 04	17 10	18 16	20 40	23 35
2028 5 3	02 33	05 27	13 04	17 11	18 17	20 42	23 40
2028 5 4	02 28	05 25	13 04	17 12	18 18	20 44	23 45
2028 5 5	02 22	05 23	13 04	17 13	18 19	20 46	23 51
2028 5 6	02 16	05 21	13 04	17 13	18 20	20 47	23 57
2028 5 7	02 10	05 19	13 04	17 14	18 21	20 49	24 03
2028 5 8	02 04	05 17	13 04	17 15	18 22	20 51	24 10
2028 5 9	01 56	05 16	13 04	17 16	18 23	20 53	24 19
2028 5 10	01 48	05 14	13 04	17 16	18 24	20 54	24 29
2028 5 11	01 38	05 12	13 04	17 17	18 25	20 56	24 43
2028 5 12	01 24	05 10	13 03	17 18	18 26	20 58	** **
2028 5 13	** **	05 09	13 03	17 18	18 27	21 00	** **
2028 5 14	** **	05 07	13 03	17 19	18 28	21 01	** **
2028 5 15	** **	05 05	13 04	17 20	18 29	21 03	** **
2028 5 16	** **	05 04	13 04	17 20	18 30	21 04	** **
2028 5 17	** **	05 02	13 04	17 21	18 31	21 06	** **
2028 5 18	** **	05 01	13 04	17 21	18 32	21 08	** **
2028 5 19	** **	04 59	13 04	17 22	18 33	21 09	** **
2028 5 20	** **	04 58	13 04	17 23	18 34	21 11	** **
2028 5 21	** **	04 56	13 04	17 23	18 34	21 12	** **
2028 5 22	** **	04 55	13 04	17 24	18 35	21 14	** **
2028 5 23	** **	04 53	13 04	17 25	18 36	21 15	** **
2028 5 24	** **	04 52	13 04	17 25	18 37	21 17	** **
2028 5 25	** **	04 51	13 04	17 26	18 38	21 18	** **
2028 5 26	** **	04 50	13 04	17 26	18 39	21 20	** **
2028 5 27	** **	04 49	13 04	17 27	18 39	21 21	** **
2028 5 28	** **	04 48	13 05	17 27	18 40	21 22	** **
2028 5 29	** **	04 46	13 05	17 28	18 41	21 24	** **
2028 5 30	** **	04 45	13 05	17 28	18 42	21 25	** **
2028 5 31	** **	04 45	13 05	17 29	18 42	21 26	** **
2028 6 1	** **	04 44	13 05	17 29	18 43	21 27	** **
2028 6 2	** **	04 43	13 05	17 30	18 44	21 28	** **
2028 6 3	** **	04 42	13 05	17 30	18 44	21 30	** **
2028 6 4	** **	04 41	13 06	17 31	18 45	21 31	** **
2028 6 5	** **	04 40	13 06	17 31	18 46	21 32	** **
2028 6 6	** **	04 40	13 06	17 32	18 46	21 33	** **
2028 6 7	** **	04 39	13 06	17 32	18 47	21 34	** **
2028 6 8	** **	04 39	13 06	17 33	18 47	21 34	** **
2028 6 9	** **	04 38	13 07	17 33	18 48	21 35	** **
2028 6 10	** **	04 38	13 07	17 33	18 48	21 36	** **

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Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2028	6	11	** **	04 37	13 07	17 34	18 49	21 37	** **
2028	6	12	** **	04 37	13 07	17 34	18 49	21 37	** **
2028	6	13	** **	04 37	13 07	17 34	18 50	21 38	** **
2028	6	14	** **	04 37	13 08	17 35	18 50	21 39	** **
2028	6	15	** **	04 37	13 08	17 35	18 51	21 39	** **
2028	6	16	** **	04 36	13 08	17 35	18 51	21 40	** **
2028	6	17	** **	04 36	13 08	17 36	18 51	21 40	** **
2028	6	18	** **	04 37	13 08	17 36	18 51	21 40	** **
2028	6	19	** **	04 37	13 09	17 36	18 52	21 41	** **
2028	6	20	** **	04 37	13 09	17 36	18 52	21 41	** **
2028	6	21	** **	04 37	13 09	17 37	18 52	21 41	** **
2028	6	22	** **	04 37	13 09	17 37	18 52	21 41	** **
2028	6	23	** **	04 38	13 10	17 37	18 53	21 41	** **
2028	6	24	** **	04 38	13 10	17 37	18 53	21 41	** **
2028	6	25	** **	04 38	13 10	17 37	18 53	21 41	** **
2028	6	26	** **	04 39	13 10	17 37	18 53	21 41	** **
2028	6	27	** **	04 39	13 10	17 37	18 53	21 41	** **
2028	6	28	** **	04 40	13 11	17 38	18 53	21 41	** **
2028	6	29	** **	04 41	13 11	17 38	18 53	21 41	** **
2028	6	30	** **	04 41	13 11	17 38	18 53	21 40	** **
2028	7	1	** **	04 42	13 11	17 38	18 53	21 40	** **
2028	7	2	** **	04 43	13 11	17 38	18 52	21 39	** **
2028	7	3	** **	04 44	13 12	17 38	18 52	21 39	** **
2028	7	4	** **	04 45	13 12	17 37	18 52	21 38	** **
2028	7	5	** **	04 45	13 12	17 37	18 52	21 38	** **
2028	7	6	** **	04 46	13 12	17 37	18 52	21 37	** **
2028	7	7	** **	04 47	13 12	17 37	18 51	21 36	** **
2028	7	8	** **	04 48	13 12	17 37	18 51	21 36	** **
2028	7	9	** **	04 50	13 12	17 37	18 51	21 35	** **
2028	7	10	** **	04 51	13 13	17 37	18 50	21 34	** **
2028	7	11	** **	04 52	13 13	17 36	18 50	21 33	** **
2028	7	12	** **	04 53	13 13	17 36	18 49	21 32	** **
2028	7	13	** **	04 54	13 13	17 36	18 49	21 31	** **
2028	7	14	** **	04 56	13 13	17 36	18 48	21 30	** **
2028	7	15	** **	04 57	13 13	17 35	18 48	21 29	** **
2028	7	16	** **	04 58	13 13	17 35	18 47	21 27	** **
2028	7	17	** **	05 00	13 13	17 34	18 46	21 26	** **
2028	7	18	** **	05 01	13 13	17 34	18 46	21 25	** **
2028	7	19	** **	05 02	13 14	17 34	18 45	21 24	** **
2028	7	20	** **	05 04	13 14	17 33	18 44	21 22	** **
2028	7	21	** **	05 05	13 14	17 33	18 44	21 21	** **
2028	7	22	** **	05 07	13 14	17 32	18 43	21 19	** **
2028	7	23	** **	05 08	13 14	17 32	18 42	21 18	** **
2028	7	24	** **	05 10	13 14	17 31	18 41	21 16	** **
2028	7	25	** **	05 11	13 14	17 30	18 40	21 15	** **
2028	7	26	** **	05 13	13 14	17 30	18 39	21 13	** **
2028	7	27	** **	05 15	13 14	17 29	18 38	21 12	** **
2028	7	28	** **	05 16	13 14	17 28	18 37	21 10	** **
2028	7	29	** **	05 18	13 14	17 28	18 36	21 08	** **
2028	7	30	** **	05 20	13 14	17 27	18 35	21 07	24 51
2028	7	31	01 37	05 21	13 14	17 26	18 34	21 05	24 38
2028	8	1	01 50	05 23	13 13	17 26	18 33	21 03	24 28
2028	8	2	01 59	05 25	13 13	17 25	18 32	21 01	24 20
2028	8	3	02 07	05 26	13 13	17 24	18 31	20 59	24 13

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Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2028	8	4	02 14	05 28	13 13	17 23	18 30	20 57	24 06
2028	8	5	02 21	05 30	13 13	17 22	18 29	20 55	24 00
2028	8	6	02 27	05 31	13 13	17 21	18 27	20 54	23 54
2028	8	7	02 32	05 33	13 13	17 20	18 26	20 52	23 49
2028	8	8	02 37	05 35	13 13	17 19	18 25	20 50	23 44
2028	8	9	02 42	05 36	13 13	17 18	18 23	20 48	23 39
2028	8	10	02 47	05 38	13 12	17 17	18 22	20 45	23 34
2028	8	11	02 51	05 40	13 12	17 16	18 21	20 43	23 29
2028	8	12	02 56	05 42	13 12	17 15	18 19	20 41	23 25
2028	8	13	03 00	05 43	13 12	17 14	18 18	20 39	23 20
2028	8	14	03 04	05 45	13 12	17 13	18 16	20 37	23 16
2028	8	15	03 08	05 47	13 12	17 12	18 15	20 35	23 12
2028	8	16	03 12	05 49	13 11	17 11	18 13	20 33	23 08
2028	8	17	03 16	05 50	13 11	17 10	18 12	20 31	23 04
2028	8	18	03 19	05 52	13 11	17 08	18 10	20 28	23 00
2028	8	19	03 23	05 54	13 11	17 07	18 09	20 26	22 56
2028	8	20	03 26	05 56	13 10	17 06	18 07	20 24	22 52
2028	8	21	03 30	05 57	13 10	17 05	18 05	20 22	22 48
2028	8	22	03 33	05 59	13 10	17 03	18 04	20 19	22 44
2028	8	23	03 36	06 01	13 10	17 02	18 02	20 17	22 40
2028	8	24	03 39	06 03	13 09	17 01	18 00	20 15	22 37
2028	8	25	03 42	06 04	13 09	16 59	17 59	20 13	22 33
2028	8	26	03 45	06 06	13 09	16 58	17 57	20 10	22 30
2028	8	27	03 48	06 08	13 09	16 57	17 55	20 08	22 26
2028	8	28	03 51	06 10	13 08	16 55	17 53	20 05	22 23
2028	8	29	03 54	06 12	13 08	16 54	17 52	20 03	22 19
2028	8	30	03 57	06 13	13 08	16 52	17 50	20 01	22 16
2028	8	31	04 00	06 15	13 07	16 51	17 48	19 58	22 12
2028	9	1	04 03	06 17	13 07	16 49	17 46	19 56	22 09
2028	9	2	04 05	06 19	13 07	16 48	17 44	19 54	22 06
2028	9	3	04 08	06 20	13 06	16 46	17 42	19 51	22 02
2028	9	4	04 11	06 22	13 06	16 45	17 41	19 49	21 59
2028	9	5	04 13	06 24	13 06	16 43	17 39	19 46	21 56
2028	9	6	04 16	06 26	13 05	16 42	17 37	19 44	21 53
2028	9	7	04 19	06 27	13 05	16 40	17 35	19 42	21 49
2028	9	8	04 21	06 29	13 05	16 38	17 33	19 39	21 46
2028	9	9	04 24	06 31	13 04	16 37	17 31	19 37	21 43
2028	9	10	04 26	06 33	13 04	16 35	17 29	19 34	21 40
2028	9	11	04 28	06 34	13 04	16 34	17 27	19 32	21 37
2028	9	12	04 31	06 36	13 03	16 32	17 25	19 29	21 34
2028	9	13	04 33	06 38	13 03	16 30	17 23	19 27	21 31
2028	9	14	04 35	06 40	13 03	16 29	17 21	19 24	21 28
2028	9	15	04 38	06 41	13 02	16 27	17 19	19 22	21 25
2028	9	16	04 40	06 43	13 02	16 25	17 17	19 19	21 22
2028	9	17	04 42	06 45	13 01	16 23	17 15	19 17	21 19
2028	9	18	04 45	06 47	13 01	16 22	17 13	19 15	21 16
2028	9	19	04 47	06 48	13 01	16 20	17 11	19 12	21 13
2028	9	20	04 49	06 50	13 00	16 18	17 09	19 10	21 10
2028	9	21	04 51	06 52	13 00	16 16	17 07	19 07	21 07
2028	9	22	04 53	06 54	13 00	16 15	17 04	19 05	21 04
2028	9	23	04 55	06 55	12 59	16 13	17 02	19 02	21 02
2028	9	24	04 58	06 57	12 59	16 11	17 00	19 00	20 59
2028	9	25	05 00	06 59	12 59	16 09	16 58	18 57	20 56
2028	9	26	05 02	07 01	12 58	16 08	16 56	18 55	20 53

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Computed on 19-Nov-2024

Huddersfield

Longitude W001 47
Latitude N53 39

Civil Date			Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2028	9	27	05 04	07 02	12 58	16 06	16 54	18 52	20 51
2028	9	28	05 06	07 04	12 58	16 04	16 52	18 50	20 48
2028	9	29	05 08	07 06	12 57	16 02	16 50	18 47	20 45
2028	9	30	05 10	07 08	12 57	16 00	16 48	18 45	20 43
2028	10	1	05 12	07 10	12 57	15 59	16 45	18 43	20 40
2028	10	2	05 14	07 11	12 56	15 57	16 43	18 40	20 37
2028	10	3	05 16	07 13	12 56	15 55	16 41	18 38	20 35
2028	10	4	05 18	07 15	12 56	15 53	16 39	18 35	20 32
2028	10	5	05 20	07 17	12 55	15 51	16 37	18 33	20 30
2028	10	6	05 22	07 19	12 55	15 50	16 35	18 31	20 27
2028	10	7	05 23	07 20	12 55	15 48	16 33	18 28	20 25
2028	10	8	05 25	07 22	12 55	15 46	16 30	18 26	20 22
2028	10	9	05 27	07 24	12 54	15 44	16 28	18 23	20 20
2028	10	10	05 29	07 26	12 54	15 42	16 26	18 21	20 18
2028	10	11	05 31	07 28	12 54	15 40	16 24	18 19	20 15
2028	10	12	05 33	07 30	12 53	15 39	16 22	18 16	20 13
2028	10	13	05 35	07 32	12 53	15 37	16 20	18 14	20 11
2028	10	14	05 37	07 33	12 53	15 35	16 18	18 12	20 08
2028	10	15	05 38	07 35	12 53	15 33	16 16	18 09	20 06
2028	10	16	05 40	07 37	12 53	15 32	16 14	18 07	20 04
2028	10	17	05 42	07 39	12 52	15 30	16 12	18 05	20 02
2028	10	18	05 44	07 41	12 52	15 28	16 10	18 03	19 59
2028	10	19	05 46	07 43	12 52	15 26	16 08	18 00	19 57
2028	10	20	05 47	07 45	12 52	15 25	16 06	17 58	19 55
2028	10	21	05 49	07 47	12 52	15 23	16 04	17 56	19 53
2028	10	22	05 51	07 48	12 52	15 21	16 01	17 54	19 51
2028	10	23	05 53	07 50	12 51	15 20	16 00	17 52	19 49
2028	10	24	05 54	07 52	12 51	15 18	15 58	17 49	19 47
2028	10	25	05 56	07 54	12 51	15 16	15 56	17 47	19 45
2028	10	26	05 58	07 56	12 51	15 15	15 54	17 45	19 43
2028	10	27	06 00	07 58	12 51	15 13	15 52	17 43	19 41
2028	10	28	06 01	08 00	12 51	15 11	15 50	17 41	19 39
2028	10	29	05 03	07 02	11 51	14 10	14 48	16 39	18 38
2028	10	30	05 05	07 04	11 51	14 08	14 46	16 37	18 36
2028	10	31	05 06	07 06	11 51	14 07	14 44	16 35	18 34
2028	11	1	05 08	07 08	11 51	14 05	14 42	16 33	18 32
2028	11	2	05 10	07 10	11 51	14 04	14 41	16 31	18 31
2028	11	3	05 11	07 11	11 51	14 02	14 39	16 29	18 29
2028	11	4	05 13	07 13	11 51	14 01	14 37	16 27	18 27
2028	11	5	05 15	07 15	11 51	13 59	14 35	16 26	18 26
2028	11	6	05 16	07 17	11 51	13 58	14 34	16 24	18 24
2028	11	7	05 18	07 19	11 51	13 57	14 32	16 22	18 23
2028	11	8	05 20	07 21	11 51	13 55	14 30	16 20	18 21
2028	11	9	05 21	07 23	11 51	13 54	14 29	16 18	18 20
2028	11	10	05 23	07 25	11 51	13 53	14 27	16 17	18 19
2028	11	11	05 24	07 27	11 51	13 51	14 26	16 15	18 17
2028	11	12	05 26	07 29	11 51	13 50	14 24	16 13	18 16
2028	11	13	05 27	07 31	11 51	13 49	14 23	16 12	18 15
2028	11	14	05 29	07 32	11 52	13 48	14 21	16 10	18 14
2028	11	15	05 31	07 34	11 52	13 47	14 20	16 09	18 12
2028	11	16	05 32	07 36	11 52	13 46	14 19	16 07	18 11
2028	11	17	05 34	07 38	11 52	13 44	14 17	16 06	18 10
2028	11	18	05 35	07 40	11 52	13 44	14 16	16 05	18 09
2028	11	19	05 37	07 42	11 53	13 42	14 15	16 03	18 08

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Computed on 19-Nov-2024

Huddersfield

Longitude W001 47

Latitude N53 39

Civil Date			Twilight	Sunrise	Transit	Shadow 1	Shadow 2	Sunset	Twilight
Year	mth	d	h m	h m	h m	h m	h m	h m	h m
2028	11	20	05 38	07 43	11 53	13 42	14 14	16 02	18 07
2028	11	21	05 39	07 45	11 53	13 41	14 12	16 01	18 06
2028	11	22	05 41	07 47	11 53	13 40	14 11	15 59	18 05
2028	11	23	05 42	07 49	11 54	13 39	14 10	15 58	18 05
2028	11	24	05 44	07 50	11 54	13 38	14 09	15 57	18 04
2028	11	25	05 45	07 52	11 54	13 38	14 08	15 56	18 03
2028	11	26	05 46	07 54	11 55	13 37	14 07	15 55	18 02
2028	11	27	05 48	07 55	11 55	13 36	14 07	15 54	18 02
2028	11	28	05 49	07 57	11 55	13 35	14 06	15 53	18 01
2028	11	29	05 50	07 59	11 56	13 35	14 05	15 52	18 01
2028	11	30	05 51	08 00	11 56	13 34	14 04	15 52	18 00
2028	12	1	05 53	08 02	11 56	13 34	14 04	15 51	18 00
2028	12	2	05 54	08 03	11 57	13 34	14 03	15 50	17 59
2028	12	3	05 55	08 04	11 57	13 33	14 02	15 50	17 59
2028	12	4	05 56	08 06	11 58	13 33	14 02	15 49	17 59
2028	12	5	05 57	08 07	11 58	13 33	14 02	15 48	17 58
2028	12	6	05 58	08 09	11 58	13 32	14 01	15 48	17 58
2028	12	7	05 59	08 10	11 59	13 32	14 01	15 48	17 58
2028	12	8	06 00	08 11	11 59	13 32	14 01	15 47	17 58
2028	12	9	06 01	08 12	12 00	13 32	14 00	15 47	17 58
2028	12	10	06 02	08 13	12 00	13 32	14 00	15 47	17 58
2028	12	11	06 03	08 14	12 01	13 32	14 00	15 47	17 58
2028	12	12	06 04	08 15	12 01	13 32	14 00	15 47	17 58
2028	12	13	06 05	08 16	12 02	13 32	14 00	15 47	17 58
2028	12	14	06 06	08 17	12 02	13 32	14 00	15 47	17 58
2028	12	15	06 06	08 18	12 03	13 33	14 00	15 47	17 59
2028	12	16	06 07	08 19	12 03	13 33	14 01	15 47	17 59
2028	12	17	06 08	08 20	12 04	13 33	14 01	15 47	17 59
2028	12	18	06 08	08 21	12 04	13 33	14 01	15 47	17 59
2028	12	19	06 09	08 21	12 04	13 34	14 02	15 48	18 00
2028	12	20	06 10	08 22	12 05	13 34	14 02	15 48	18 00
2028	12	21	06 10	08 22	12 05	13 35	14 02	15 49	18 01
2028	12	22	06 11	08 23	12 06	13 35	14 03	15 49	18 01
2028	12	23	06 11	08 23	12 06	13 36	14 04	15 50	18 02
2028	12	24	06 11	08 23	12 07	13 37	14 04	15 51	18 03
2028	12	25	06 12	08 24	12 07	13 37	14 05	15 51	18 03
2028	12	26	06 12	08 24	12 08	13 38	14 06	15 52	18 04
2028	12	27	06 12	08 24	12 08	13 39	14 07	15 53	18 05
2028	12	28	06 13	08 24	12 09	13 39	14 07	15 54	18 05
2028	12	29	06 13	08 24	12 09	13 40	14 08	15 55	18 06
2028	12	30	06 13	08 24	12 10	13 41	14 09	15 56	18 07
2028	12	31	06 13	08 24	12 10	13 42	14 10	15 57	18 08

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