

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

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 Transit = Time of Meridian passage of Sun

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Computed on 19-Nov-2024

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

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19.11.2024 @ 9:52

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

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

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 Transit = Time of Meridian passage of Sun

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

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

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