

Total Days H.C.C .and S.C. Chart 6 Page 1

| | Year | TD HCC | Lag | TD SC | | Year | TD HCC | Lag | TD SC | | Year | TD HCC | Lag | TD SC | | |
|------------------------------|------|--------|-----|-------|-----|--------------|--------|-----|-------|-----|------|-------------|-----|-------|------|--|
| 1 | 19 | 6939 | | 6939 | | 513 | 6939 | -2 | *6939 | 512 | 1007 | 6939 | -4 | 6939 | | |
| 2 | 38 | 6941 | -1 | 6940 | | 532 | 6941 | -3 | 6940 | | 1026 | 6941 | -6 | *6939 | 1024 | |
| 3 | 57 | 6940 | -1 | 6940 | | 551 | 6940 | -4 | 6939 | | 1045 | 6940 | -6 | 6940 | | |
| 4 | 76 | 6939 | | 6940 | | 570 | 6939 | -3 | 6940 | | 1064 | 6939 | -5 | 6940 | | |
| 5 | 95 | 6939 | | 6939 | | 589 | 6939 | -2 | 6940 | | 1083 | 6939 | -5 | 6939 | | |
| 6 | 114 | 6940 | | 6940 | | 608 | 6940 | -2 | 6940 | | 1102 | 6940 | -5 | 6940 | | |
| 7 | 133 | 6941 | -2 | *6939 | 128 | 627 | 6941 | -4 | 6939 | | 1121 | 6941 | -6 | 6940 | | |
| 8 | 152 | 6940 | -2 | 6940 | | 646 | 6940 | -5 | *6939 | 640 | 1140 | 6940 | -6 | 6940 | | |
| 9 | 171 | 6939 | -2 | 6939 | | 665 | 6939 | -4 | 6940 | | 1159 | 6939 | -7 | *6938 | 1152 | |
| 10 | 190 | 6939 | -1 | 6940 | | 684 | 6939 | -3 | 6940 | | 1178 | 6939 | -6 | 6940 | | |
| 11 | 209 | 6940 | -1 | 6940 | | 703 | 6940 | -4 | 6939 | | 1197 | 6940 | -6 | 6940 | | |
| 12 | 228 | 6939 | | 6940 | | 722 | 6939 | -3 | 6940 | | 1216 | 6939 | -5 | 6940 | | |
| 13 | 247 | 6940 | -1 | 6939 | | 741 | 6940 | -3 | 6940 | | 1235 | 6940 | -6 | 6939 | | |
| 2.0844x13/24=(1.129) | | | | | | -3.38 | | | | | | 5.64 | | | | |
| | | | | | | | | | | | | | | | | |
| | Year | TD HCC | Lag | TD SC | | Year | TD HCC | Lag | TD SC | | Year | TD HCC | Lag | TD SC | | |
| 1 | 266 | 6939 | -1 | *6939 | 256 | 760 | 6939 | -2 | 6940 | | 1254 | 6939 | -5 | 6940 | | |
| 2 | 285 | 6941 | -2 | 6940 | | 779 | 6941 | -5 | *6938 | 768 | 1273 | 6941 | -6 | 6940 | | |
| 3 | 304 | 6940 | -2 | 6940 | | 798 | 6940 | -5 | 6940 | | 1292 | 6940 | -7 | *6939 | 1280 | |
| 4 | 323 | 6939 | -2 | 6939 | | 817 | 6939 | -4 | 6940 | | 1311 | 6939 | -7 | 6939 | | |
| 5 | 342 | 6939 | -1 | 6940 | | 836 | 6939 | -3 | 6940 | | 1330 | 6939 | -6 | 6940 | | |
| 6 | 361 | 6940 | -1 | 6940 | | 855 | 6940 | -4 | 6939 | | 1349 | 6940 | -6 | 6940 | | |
| 7 | 380 | 6941 | -2 | 6940 | | 874 | 6941 | -5 | 6940 | | 1368 | 6941 | -7 | 6940 | | |
| 8 | 399 | 6940 | -4 | *6938 | 384 | 893 | 6940 | -5 | 6940 | | 1387 | 6940 | -8 | 6939 | | |
| 9 | 418 | 6939 | -3 | 6940 | | 912 | 6939 | -5 | *6939 | 896 | 1406 | 6939 | -7 | 6940 | | |
| 10 | 437 | 6939 | -2 | 6940 | | 931 | 6939 | -5 | 6939 | | 1425 | 6939 | -7 | *6939 | 1408 | |
| 11 | 456 | 6940 | -2 | 6940 | | 950 | 6940 | -5 | 6940 | | 1444 | 6940 | -7 | 6940 | | |
| 12 | 475 | 6939 | -2 | 6939 | | 969 | 6939 | -4 | 6940 | | 1463 | 6939 | -7 | 6939 | | |
| 13 | 494 | 6940 | -2 | 6940 | | 988 | 6940 | -4 | 6940 | | 1482 | 6940 | -7 | 6940 | | |
| 2.0844x26/24=(2.2581) | | | | | | 4.51 | | | | | | 6.77 | | | | |

This chart shows a direct comparison in total days of the 7 day solar calendar & the Hebrew calculated calendar for each 19 yr cycle.

Also it shows the repition point of the 13, 19 year cycles. (247yrs)

The Years marked with a * are a multiple of 128 years. Every 128 years a day must be subtracted to keep the calendar in line with the solar years of the sun. The solar Calendar repeats itself every 896 years.

Total Days HCC and SC

Chart 6 Page 2

| | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | |
|--------------|------|--------|-----|-------|------|--------------|--------|-----|-------|------|------|--------------|-----|-------|------|--|
| 1 | 1501 | 6939 | -6 | 6940 | | 1995 | 6939 | -9 | 6939 | | 2489 | 6939 | -11 | 6940 | | |
| 2 | 1520 | 6941 | -7 | 6940 | | 2014 | 6941 | -10 | 6940 | | 2508 | 6941 | -12 | 6940 | | |
| 3 | 1539 | 6940 | -9 | *6938 | 6536 | 2033 | 6940 | -10 | 6940 | | 2527 | 6940 | -13 | 6939 | | |
| 4 | 1558 | 6939 | -8 | 6940 | | 2052 | 6939 | -10 | *6939 | 2048 | 2546 | 6939 | -12 | 6940 | | |
| 5 | 1577 | 6939 | -7 | 6940 | | 2071 | 6939 | -10 | 6939 | | 2565 | 6939 | -12 | *6939 | 2560 | |
| 6 | 1596 | 6940 | -7 | 6940 | | 2090 | 6940 | -10 | 6940 | | 2584 | 6940 | -12 | 6940 | | |
| 7 | 1615 | 6941 | -9 | 6939 | | 2109 | 6941 | -11 | 6940 | | 2603 | 6941 | -14 | 6939 | | |
| 8 | 1634 | 6940 | -9 | 6940 | | 2128 | 6940 | -11 | 6940 | | 2622 | 6940 | -14 | 6940 | | |
| 9 | 1653 | 6939 | -8 | 6940 | | 2147 | 6939 | -11 | 6939 | | 2641 | 6939 | -13 | 6940 | | |
| 10 | 1672 | 6939 | -8 | *6939 | 1664 | 2166 | 6939 | -10 | 6940 | | 2660 | 6939 | -12 | 6940 | | |
| 11 | 1691 | 6940 | -9 | 6939 | | 2185 | 6940 | -11 | *6939 | 2176 | 2679 | 6940 | -13 | 6939 | | |
| 12 | 1710 | 6939 | -8 | 6940 | | 2204 | 6939 | -10 | 6940 | | 2698 | 6939 | -13 | *6939 | 2688 | |
| 13 | 1729 | 6940 | -8 | 6940 | | 2223 | 6940 | -11 | 6939 | | 2717 | 6940 | -13 | 6940 | | |
| 7.903 | | | | | | 10.16 | | | | | | 12.42 | | | | |
| | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | |
| 1 | 1748 | 6939 | -7 | 6940 | | 2242 | 6939 | -10 | 6940 | | 2736 | 6939 | -12 | 6940 | | |
| 2 | 1767 | 6941 | -9 | 6939 | | 2261 | 6941 | -11 | 6940 | | 2755 | 6941 | -14 | 6939 | | |
| 3 | 1786 | 6940 | -9 | 6940 | | 2280 | 6940 | -11 | 6940 | | 2774 | 6940 | -14 | 6940 | | |
| 4 | 1805 | 6939 | -9 | *6939 | 1792 | 2299 | 6939 | -11 | 6939 | | 2793 | 6939 | -13 | 6940 | | |
| 5 | 1824 | 6939 | -8 | 6940 | | 2318 | 6939 | -11 | *6939 | 2304 | 2812 | 6939 | -12 | 6940 | | |
| 6 | 1843 | 6940 | -9 | 6939 | | 2337 | 6940 | -11 | 6940 | | 2831 | 6940 | -14 | *6938 | 2816 | |
| 7 | 1862 | 6941 | -10 | 6940 | | 2356 | 6941 | -12 | 6940 | | 2850 | 6941 | -15 | 6940 | | |
| 8 | 1881 | 6940 | -10 | 6940 | | 2375 | 6940 | -13 | 6939 | | 2869 | 6940 | -15 | 6940 | | |
| 9 | 1900 | 6939 | -9 | 6940 | | 2394 | 6939 | -12 | 6940 | | 2888 | 6939 | -14 | 6940 | | |
| 10 | 1919 | 6939 | -9 | 6939 | | 2413 | 6939 | -11 | 6940 | | 2907 | 6939 | -14 | 6939 | | |
| 11 | 1938 | 6940 | -10 | *6939 | 1920 | 2432 | 6940 | -12 | *6939 | 2432 | 2926 | 6940 | -14 | 6940 | | |
| 12 | 1957 | 6939 | -9 | 6940 | | 2451 | 6939 | -12 | 6939 | | 2945 | 6939 | -14 | *6939 | 2944 | |
| 13 | 1976 | 6940 | -9 | 6940 | | 2470 | 6940 | -12 | 6940 | | 2964 | 6940 | -14 | 6940 | | |
| 9.03 | | | | | | 11.29 | | | | | | 13.54 | | | | |
| | | | | | | | | | | | | | | | 2 | |

Total Days HCC and SC

Chart 6 Page 3

| | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | |
|--------------|------|--------|-----|-------|------|---------------|--------|-----|-------|------|------|--------------|-----|-------|------|--|
| 1 | 2983 | 6939 | -14 | 6939 | | 3477 | 6939 | -16 | 6940 | | 3971 | 6939 | -19 | *6938 | 3968 | |
| 2 | 3002 | 6941 | -15 | 6940 | | 3496 | 6941 | -17 | 6940 | | 3990 | 6941 | -20 | 6940 | | |
| 3 | 3021 | 6940 | -15 | 6940 | | 3515 | 6940 | -18 | 6939 | | 4009 | 6940 | -20 | 6940 | | |
| 4 | 3040 | 6939 | -14 | 6940 | | 3534 | 6939 | -17 | 6940 | | 4028 | 6939 | -19 | 6940 | | |
| 5 | 3059 | 6939 | -14 | 6939 | | 3553 | 6939 | -16 | 6940 | | 4047 | 6939 | -19 | 6939 | | |
| 6 | 3078 | 6940 | -15 | *6939 | 3072 | 3572 | 6940 | -16 | 6940 | | 4066 | 6940 | -19 | 6940 | | |
| 7 | 3097 | 6941 | -16 | 6940 | | 3591 | 6941 | -19 | *6938 | 3584 | 4085 | 6941 | -20 | 6940 | | |
| 8 | 3116 | 6940 | -16 | 6940 | | 3610 | 6940 | -19 | 6940 | | 4104 | 6940 | -21 | *6939 | 4096 | |
| 9 | 3135 | 6939 | -16 | 6939 | | 3629 | 6939 | -18 | 6940 | | 4123 | 6939 | -21 | 6939 | | |
| 10 | 3154 | 6939 | 15 | 6940 | | 3648 | 6939 | -17 | 6940 | | 4142 | 6939 | -20 | 6940 | | |
| 11 | 3173 | 6940 | -15 | 6940 | | 3667 | 3940 | -18 | 6939 | | 4161 | 6940 | -20 | 6940 | | |
| 12 | 3192 | 6939 | -14 | 6940 | | 3686 | 6939 | -17 | 6940 | | 4180 | 6939 | -19 | 6940 | | |
| 13 | 3211 | 6940 | -16 | *6938 | 3200 | 3705 | 6940 | -17 | 6940 | | 4199 | 6940 | -20 | 6939 | | |
| 14.67 | | | | | | 16.936 | | | | | | 19.2 | | | | |
| | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | |
| 1 | 3230 | 6939 | -15 | 6940 | | 3724 | 6939 | -17 | *6939 | 3712 | 4218 | 6939 | -19 | 6940 | | |
| 2 | 3249 | 6941 | -16 | 6940 | | 2743 | 6941 | -19 | 6939 | | 4237 | 6941 | -21 | *6939 | 4224 | |
| 3 | 3268 | 6940 | -16 | 6940 | | 3762 | 6940 | -19 | 6940 | | 4256 | 6940 | -21 | 6940 | | |
| 4 | 3287 | 6939 | -16 | 6939 | | 3781 | 6939 | -18 | 6940 | | 4275 | 6939 | -21 | 6939 | | |
| 5 | 3306 | 6939 | -15 | 6940 | | 3800 | 6939 | -17 | 6940 | | 4294 | 6939 | -20 | 6940 | | |
| 6 | 3325 | 6940 | -15 | 6940 | | 3819 | 6940 | -18 | 6939 | | 4313 | 6940 | -20 | 6940 | | |
| 7 | 3344 | 6941 | -17 | *6939 | 3328 | 3838 | 6941 | -19 | 6940 | | 4332 | 6941 | -21 | 6940 | | |
| 8 | 3363 | 6940 | -18 | 6939 | | 3857 | 6940 | -20 | *6939 | 3840 | 4351 | 6940 | -22 | 6939 | | |
| 9 | 3382 | 6939 | -17 | 6940 | | 3876 | 6939 | -19 | 6940 | | 4370 | 6939 | -22 | *6939 | 4352 | |
| 10 | 3401 | 6939 | -16 | 6940 | | 3895 | 6939 | -19 | 6939 | | 4389 | 6939 | -21 | 6940 | | |
| 11 | 3420 | 6940 | -16 | 6940 | | 3914 | 6940 | -19 | 6940 | | 4408 | 6940 | -21 | 6940 | | |
| 12 | 3439 | 6939 | -16 | 6939 | | 3933 | 6939 | -18 | 6940 | | 4427 | 6939 | -21 | 6939 | | |
| 13 | 3458 | 6940 | -17 | *6939 | 3456 | 3952 | 6940 | -18 | 6940 | | 4446 | 6940 | -21 | 6940 | | |
| 15.8 | | | | | | 18.06 | | | | | | 20.32 | | | | |
| | | | | | | | | | | | | | | | 3 | |

Total Days HCC and SC

Chart 6 Page 4

| | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | |
|--------------|------|--------|-----|-------|------|-------------|--------|-----|-------|------|------|--------------|-----|-------|------|--|
| 1 | 4465 | 6939 | -20 | 6940 | | 4959 | 6939 | -23 | 6939 | | 5453 | 6939 | -25 | 6940 | | |
| 2 | 4484 | 6941 | -22 | *6939 | 4480 | 4978 | 6941 | -24 | 6940 | | 5472 | 6941 | -26 | 6940 | | |
| 3 | 4503 | 6940 | -23 | 6939 | | 4997 | 6940 | -25 | *6939 | 4992 | 5491 | 6940 | -27 | 6939 | | |
| 4 | 4522 | 6939 | -22 | 6940 | | 5016 | 6939 | -24 | 6940 | | 5510 | 6939 | -27 | *6939 | 5504 | |
| 5 | 4541 | 6939 | -21 | 6940 | | 5035 | 6939 | -24 | 6939 | | 5529 | 6939 | -26 | 6940 | | |
| 6 | 4560 | 6940 | -21 | 6940 | | 5054 | 6940 | -24 | 6940 | | 5548 | 6940 | -26 | 6940 | | |
| 7 | 4579 | 6941 | -23 | 6939 | | 5073 | 6941 | -25 | 6940 | | 5567 | 6941 | -28 | 6939 | | |
| 8 | 4598 | 6940 | -23 | 6940 | | 5092 | 6940 | -25 | 6940 | | 5586 | 6940 | -28 | 6940 | | |
| 9 | 4617 | 6939 | -23 | *6939 | 4608 | 5111 | 6939 | -25 | 6939 | | 5605 | 6939 | -27 | 6940 | | |
| 10 | 4636 | 6939 | -22 | 6940 | | 5130 | 6939 | -25 | *6939 | 5120 | 5624 | 6939 | -26 | 6940 | | |
| 11 | 4655 | 6940 | -23 | 6939 | | 5149 | 6940 | -25 | 6940 | | 5643 | 6940 | -28 | *6938 | 5632 | |
| 12 | 4674 | 6939 | -22 | 6940 | | 5168 | 6939 | -24 | 6940 | | 5662 | 6939 | -27 | 6940 | | |
| 13 | 4693 | 6940 | -22 | 6940 | | 5187 | 6940 | -25 | 6939 | | 5681 | 6940 | -27 | 6940 | | |
| 21.45 | | | | | | 23.7 | | | | | | 25.96 | | | | |
| | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | Year | TD HCC | | TD SC | | |
| 1 | 4712 | 6939 | -21 | 6940 | | 5206 | 6939 | -24 | 6940 | | 5700 | 6939 | -26 | 6940 | | |
| 2 | 4731 | 6941 | -24 | 6939 | | 5225 | 6941 | -25 | 6940 | | 5719 | 6941 | -28 | 6939 | | |
| 3 | 4750 | 6940 | -24 | *6939 | 4736 | 5244 | 6940 | -25 | 6940 | | 5738 | 6940 | -28 | 6940 | | |
| 4 | 4769 | 6939 | -23 | 6940 | | 5263 | 6939 | -26 | *6938 | 5248 | 5757 | 6939 | -27 | 6940 | | |
| 5 | 4788 | 6939 | -22 | 6940 | | 5282 | 6939 | -25 | 6940 | | 5776 | 6939 | -27 | *6939 | 5760 | |
| 6 | 4807 | 6940 | -23 | 6939 | | 5301 | 6940 | -25 | 6940 | | 5795 | 6940 | -28 | 6939 | | |
| 7 | 4826 | 6941 | -24 | 6940 | | 5320 | 6941 | -26 | 6940 | | 5814 | 6941 | -29 | 6940 | | |
| 8 | 4845 | 6940 | -24 | 6940 | | 5339 | 6940 | -27 | 6939 | | 5833 | 6940 | -29 | 6940 | | |
| 9 | 4864 | 6939 | -24 | *6939 | 4864 | 5358 | 6939 | -26 | 6940 | | 5852 | 6939 | -28 | 6940 | | |
| 10 | 4883 | 6939 | -24 | 6939 | | 5377 | 6939 | -26 | *6939 | 5376 | 5871 | 6939 | -28 | 6939 | | |
| 11 | 4902 | 6940 | -24 | 6940 | | 5396 | 6940 | -26 | 6940 | | 5890 | 6940 | -29 | *6939 | 5888 | |
| 12 | 4921 | 6939 | -23 | 3940 | | 5415 | 6939 | -26 | 6939 | | 5909 | 6939 | -28 | 6940 | | |
| 13 | 4940 | 6940 | -23 | 6940 | | 5434 | 6940 | -26 | 6940 | | 5928 | 6940 | -28 | 6940 | | |
| 22.58 | | | | | | 24.8 | | | | | | 27.09 | | | | |
| | | | | | | | | | | | | | | | 4 | |

