

## Establishing Creation Dates Chart 9 Page1

|   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|----|
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7  |
| 1 | S | M | T | W | T | F | SA |
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7  |

The 7 day SC is charted in blue and starts with Creation week, year one and continues through the first 20 years of mans existence (AM). The HCC in red, as found in the 11 edition of Britannica starting with cycle # 1 or # 298 [chart # 5] is directly linked, and found in perfect agreement.

Year one of the SC has 365 days. The HCC has 354 days. The SC will be 11 days advanced at the start of year two. The HCC has a Tuesday start for Tisri. This results in a 7-14-21 Sabbath start for Nisian.

**\*The Small box gives the end of the previous year and the start of the current year.**

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     | 30  |     |     |     | 29  |     |     |     | 30  |     |
| 14  | 21  | 28  | 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 2   |
| 14  | 21  | 28  | 35  | 42  | 49  | 56  | 63  | 70  | 77  | 84  | 91  |
|     |     | 29  |     |     |     |     | 30  |     |     |     | 29  |
| 9   | 16  | 23  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  |
| 98  | 105 | 112 | 119 | 126 | 133 | 140 | 147 | 154 | 161 | 168 | 175 |
|     |     |     | 30t |     |     |     | 29  |     |     |     |     |
| 5   | 12  | 19  | 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  |
| 182 | 189 | 196 | 203 | 210 | 217 | 224 | 231 | 238 | 245 | 252 | 259 |
| 30  |     |     |     | 29  |     |     |     | 30  |     |     |     |
| 30  | 7   | 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  |
| 266 | 273 | 280 | 287 | 294 | 301 | 308 | 315 | 322 | 329 | 336 | 343 |
| 29  |     |     |     |     |     |     |     |     |     |     |     |
| 25  | 3   | 10  | 17  | 24  |     |     |     |     |     |     |     |
| 350 | 357 | 364 | 6   | 13  |     |     |     |     |     |     |     |

Jeremiah 33: 19-26

|   |     |    |    |    |   |   |    |
|---|-----|----|----|----|---|---|----|
|   | 26  | 27 | 28 | 29 | 1 | 2 | 3  |
|   |     |    |    |    |   |   | 10 |
|   |     |    |    |    |   |   | 17 |
| 2 | S   | M  | T  | W  | T | F | SA |
|   |     |    |    |    |   |   |    |
|   | 365 | 1  | 2  | 3  | 4 | 5 | 6  |

Chart#5 cycle #1 line 2 has the first day of Tisri as a Sabbath. This results in a 3-10-17 Sabbath start for Nisian.

This HCC is 355 days. The S.C.is 365 days. The difference is 10 days. 11+10=21 days difference at the end of the 2nd year.

The bottom line of the right hand box has a blue 5 under a red 26 showing this difference.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
| 30  |     |     |     |     | 29  |     |     |     | 30  |     |     |
| 24  | 1   | 8   | 15  | 22  | 29  | 7   | 14  | 21  | 28  | 5   | 12  |
| 13  | 20  | 27  | 34  | 41  | 48  | 55  | 62  | 69  | 76  | 83  | 90  |
|     | 29  |     |     |     | 30  |     |     |     | 29  |     |     |
| 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  | 1   | 8   |
| 97  | 104 | 111 | 118 | 125 | 132 | 139 | 146 | 153 | 160 | 167 | 174 |
|     |     | 30t |     |     |     | 30  |     |     | 30  |     |     |
| 15  | 22  | 29  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 2   |
| 181 | 188 | 195 | 202 | 209 | 216 | 223 | 230 | 237 | 244 | 251 | 258 |
|     |     | 29  |     |     |     | 30  |     |     |     |     | 29  |
| 9   | 16  | 23  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  |
| 265 | 272 | 279 | 286 | 293 | 300 | 307 | 314 | 321 | 328 | 335 | 342 |
|     |     |     |     |     |     |     |     |     |     |     |     |
| 5   | 12  | 19  | 26  |     |     |     |     |     |     |     |     |
| 349 | 356 | 363 | 5   |     |     |     |     |     |     |     |     |

|   |     |     |   |   |   |   |    |
|---|-----|-----|---|---|---|---|----|
|   | 28  | 29  | 1 | 2 | 3 | 4 | 5  |
|   |     |     |   |   |   |   | 12 |
|   |     |     |   |   |   |   | 19 |
|   |     |     |   |   |   |   | 26 |
| 3 | S   | M   | T | W | T | F | SA |
|   |     |     |   |   |   |   |    |
|   | 364 | 365 | 1 | 2 | 3 | 4 | 5  |

In the third year the HCC has the first day of Tisri as a Thursday. This results in a 5-12-19 Sabbath start for Nisian. This HCC is 385 days long . The difference is 20 days. 21-20=1 day. This is the difference at the end of the 3rd year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     | 29  |     |     |     |     | 30  |     |     |     |
| 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  |
| 12  | 19  | 26  | 33  | 40  | 47  | 54  | 61  | 68  | 75  | 82  | 89  |
|     | 29  |     |     | 30  |     |     |     | 29  |     |     |     |
| 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 3   | 10  | 17  |
| 96  | 103 | 110 | 117 | 124 | 131 | 138 | 145 | 152 | 159 | 166 | 173 |
|     |     |     |     |     | 30  |     |     | 30  |     |     |     |
| 24  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 4   | 11  |
| 180 | 187 | 194 | 201 | 208 | 215 | 222 | 229 | 236 | 243 | 250 | 257 |
|     | 29  |     |     |     | 30  |     |     |     | 30  |     |     |
| 18  | 25  | 3   | 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  | 6   |
| 264 | 271 | 278 | 285 | 292 | 299 | 306 | 313 | 320 | 327 | 334 | 341 |
|     |     | 29  |     |     |     |     |     |     |     |     |     |
| 13  | 20  | 27  | 5   | 12  | 19  |     |     |     |     |     |     |
| 348 | 355 | 362 | 4   | 11  | 18  |     |     |     |     |     |     |

|   |     |     |     |   |   |   |    |
|---|-----|-----|-----|---|---|---|----|
|   |     |     |     |   |   |   | 5  |
| 4 | S   | M   | T   | W | T | F | SA |
|   |     |     |     |   |   |   |    |
|   | 363 | 364 | 365 | 1 | 2 | 3 | 4  |

In the 4th year the HCC has the first day of Tisri as a Thursday. This results in a 5-12-19 Sabbath start for Nisian. This HCC is 354 days long . The SC is 366 days long. the difference is 12 days  $12+1=13$  days. This is the difference at the end of the 4th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     | 30  |     |     |     | 29  |     |     |     |     | 30  |
| 12  | 19  | 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  |
| 11  | 18  | 25  | 32  | 39  | 46  | 53  | 60  | 67  | 74  | 81  | 88  |
|     |     |     | 29  |     |     |     | 30  |     |     |     | 29  |
| 7   | 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  |
| 95  | 102 | 109 | 116 | 123 | 130 | 137 | 144 | 151 | 158 | 165 | 172 |
|     |     |     | 30t |     |     |     |     | 29  |     |     |     |
| 3   | 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  | 7   | 14  | 21  |
| 179 | 186 | 193 | 200 | 207 | 214 | 221 | 228 | 235 | 242 | 249 | 256 |
| 30  |     |     |     | 29  |     |     |     | 30  |     |     |     |
| 28  | 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  |
| 263 | 270 | 277 | 284 | 291 | 298 | 305 | 312 | 319 | 326 | 333 | 340 |
| 29  |     |     |     |     |     |     |     |     |     |     |     |
| 23  | 1   | 8   | 15  | 22  |     |     |     |     |     |     |     |
| 347 | 354 | 361 | 2   |     |     |     |     |     |     |     |     |

|   |     |     |     |     |     |   |     |
|---|-----|-----|-----|-----|-----|---|-----|
|   |     |     |     |     |     |   | 1   |
|   |     |     |     |     |     |   | 8   |
|   |     |     |     |     |     |   | 15  |
| 5 | S   | M   | T   | W   | T   | F | SA  |
|   |     |     |     |     |     |   | 361 |
|   | 362 | 363 | 364 | 365 | 366 | 1 | 2   |

The 5th year the HCC has the first day of Tisri as a Monday. This results in a 1-8-15 Sabbath Start for Nisian. This HCC is 353 days long. The SC is 365 days long. The difference is 12 days.  $13+12=25$  difference at the end of the 5th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     | 30  |     |     |     | 29  |     |     |     | 30  |     |
| 22  | 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  | 26  | 3   | 10  |
| 9   | 16  | 23  | 30  | 37  | 44  | 51  | 58  | 65  | 72  | 79  | 86  |
|     |     | 29  |     |     |     | 30  |     |     |     | 29  |     |
| 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  | 28  | 6   |
| 93  | 100 | 107 | 114 | 121 | 128 | 135 | 142 | 149 | 156 | 163 | 170 |
|     |     | 30t |     |     |     | 29  |     |     |     | 29  |     |
| 13  | 20  | 27  | 4   | 11  | 18  | 25  | 3   | 10  | 17  | 24  | 2   |
| 177 | 184 | 191 | 198 | 205 | 212 | 219 | 226 | 233 | 240 | 247 | 254 |
|     |     | 29  |     |     |     | 30  |     |     |     | 29  |     |
| 9   | 16  | 23  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  |
| 261 | 268 | 275 | 282 | 289 | 296 | 303 | 310 | 317 | 324 | 331 | 338 |
|     |     |     | 30  |     |     |     |     |     |     |     |     |
| 5   | 12  | 19  | 26  | 3   | 10  |     |     |     |     |     |     |
| 345 | 352 | 359 | 1   | 8   | 15  |     |     |     |     |     |     |

|   |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|
|   |     |     |     |     |     |     | 19  |
|   |     |     |     |     |     |     | 26  |
| 6 | S   | M   | T   | W   | T   | F   | SA  |
|   |     |     |     |     |     |     | 359 |
|   | 360 | 361 | 362 | 363 | 364 | 365 | 1   |

The 6th year the HCC has the first day of Tisri Thursday . This results in a 5-12-19 Sabbath start for Nisian. This HCC is 385 days long. The SC is 365 days . The difference is 20 days.  $25-20=5$  days. Difference at the end of the 6th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     | 29  |     |     |     |     |     | 30  |     |     |
| 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  |
| 8   | 15  | 22  | 29  | 36  | 43  | 50  | 57  | 64  | 71  | 78  | 85  |
| 29  |     |     |     | 30  |     |     |     | 29  |     |     |     |
| 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 3   | 10  | 17  |
| 92  | 99  | 106 | 113 | 120 | 127 | 134 | 141 | 148 | 155 | 162 | 169 |
| 30t |     |     |     |     | 30  |     |     |     | 30  |     |     |
| 24  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 4   | 11  |
| 176 | 183 | 190 | 197 | 204 | 211 | 218 | 225 | 232 | 239 | 246 | 253 |
|     |     | 29  |     |     | 30  |     |     |     |     | 30  |     |
| 18  | 25  | 3   | 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  | 6   |
| 260 | 267 | 274 | 281 | 288 | 295 | 302 | 309 | 316 | 323 | 330 | 337 |
|     |     |     | 29  |     |     |     |     |     |     |     |     |
| 13  | 20  | 27  | 5   | 12  | 19  |     |     |     |     |     |     |
| 344 | 351 | 358 | 365 | 7   | 14  |     |     |     |     |     |     |

|   |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|
|   |     |     |     |     |     |     | 5   |
| 7 | S   | M   | T   | W   | T   | F   | SA  |
|   |     |     |     |     |     |     |     |
|   | 359 | 360 | 361 | 362 | 363 | 364 | 365 |

The 7th year the HCC has the first day of Tisri as Thursday . This results in a 5-12-19 Sabbath start for Nisian. This HCC is 354 days long. The SC is 365 days . The difference is 11 days.  
5+11=16 days difference at the end of the 7th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     | 30  |     |     |     | 29  |     |     |     |     | 30  |
| 12  | 19  | 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  |
| 7   | 14  | 21  | 28  | 35  | 42  | 49  | 56  | 63  | 70  | 77  | 84  |
|     |     |     | 29  |     |     |     | 30  |     |     |     | 29  |
| 7   | 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  |
| 91  | 98  | 105 | 112 | 119 | 126 | 133 | 140 | 147 | 154 | 161 | 168 |
|     |     |     | 30t |     |     |     |     | 29  |     |     |     |
| 3   | 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  | 7   | 14  | 21  |
| 175 | 182 | 189 | 196 | 203 | 210 | 217 | 224 | 231 | 238 | 245 | 252 |
| 30  |     |     |     | 29  |     |     |     | 30  |     |     |     |
| 28  | 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  |
| 259 | 266 | 273 | 280 | 287 | 294 | 301 | 308 | 315 | 322 | 329 | 336 |
| 29  |     |     |     |     |     |     |     |     |     |     |     |
| 23  | 1   | 8   | 15  | 22  |     |     |     |     |     |     |     |
| 343 | 350 | 357 | 364 | 6   |     |     |     |     |     |     |     |

|   |     |   |   |   |   |   |     |
|---|-----|---|---|---|---|---|-----|
|   |     |   |   |   |   |   | 15  |
|   |     |   |   |   |   |   | 22  |
| 8 | S   | M | T | W | T | F | SA  |
|   |     |   |   |   |   |   | 364 |
|   | 365 | 1 | 2 | 3 | 4 | 5 | 6   |

The 8th year the HCC has the first day of Tisri as Monday. This results in a 1-8-15 Sabbath start for Nisian. This HCC has 383 days. The S.C. has 366 days. The difference is 17 days. 17-16=1 day difference at the end of the year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 30  |     |     |     |     | 29  |     |     | 30  |     |     |     |
| 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  | 26  | 3   | 10  | 17  |
| 13  | 20  | 27  | 34  | 41  | 48  | 55  | 62  | 69  | 76  | 83  | 90  |
| 29  |     |     |     |     | 30  |     |     |     | 29  |     |     |
| 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  | 28  | 6   | 13  |
| 97  | 104 | 111 | 118 | 125 | 132 | 139 | 146 | 153 | 160 | 167 | 174 |
|     | 30t |     |     |     | 29  |     |     |     | 29  |     |     |
| 20  | 27  | 4   | 11  | 18  | 25  | 3   | 10  | 17  | 24  | 2   | 9   |
| 181 | 188 | 195 | 202 | 209 | 216 | 223 | 230 | 237 | 244 | 251 | 258 |
|     | 29  |     |     |     |     | 30  |     |     |     | 30  |     |
| 16  | 23  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 4   |
| 265 | 272 | 279 | 286 | 293 | 300 | 307 | 314 | 321 | 328 | 335 | 342 |
|     |     |     |     |     |     |     |     |     |     |     |     |
|     |     | 29  |     |     |     |     |     |     |     |     |     |
| 11  | 18  | 25  | 3   | 10  | 17  |     |     |     |     |     |     |
| 349 | 356 | 363 | 4   | 11  | 18  |     |     |     |     |     |     |

|   |     |     |     |   |   |   |    |
|---|-----|-----|-----|---|---|---|----|
|   |     |     |     |   |   |   | 3  |
| 9 | S   | M   | T   | W | T | F | SA |
|   |     |     |     |   |   |   |    |
|   | 364 | 365 | 366 | 1 | 2 | 3 | 4  |

The 9th year the HCC has the first day of Tisri as Saturday. This results in a 3-10-17 Sabbath start for Nisian. This HCC has 355 days. The SC has 365 days. The difference is 10 days. 10-1=9 days difference at the end of the 9th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     | 30  |     |     |     |     | 29  |     |     |     | 30  |
| 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  | 7   | 14  | 21  | 28  |
| 11  | 18  | 25  | 32  | 39  | 46  | 53  | 60  | 67  | 74  | 81  | 88  |
|     |     |     | 29  |     |     |     | 30  |     |     |     | 29  |
| 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  |
| 95  | 102 | 109 | 116 | 123 | 130 | 137 | 144 | 151 | 158 | 165 | 172 |
|     |     |     | 30t |     |     |     |     | 30  |     |     |     |
| 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 4   | 11  | 18  |
| 179 | 186 | 193 | 200 | 207 | 214 | 221 | 228 | 235 | 242 | 249 | 256 |
| 30  |     |     |     | 29  |     |     |     |     | 30  |     |     |
| 25  | 2   | 9   | 16  | 23  | 1   | 8   | 15  | 22  | 29  | 6   | 13  |
| 263 | 270 | 277 | 284 | 291 | 298 | 305 | 312 | 319 | 326 | 333 | 340 |
|     | 29  |     |     |     |     |     |     |     |     |     |     |
| 20  | 27  | 5   | 12  | 19  |     |     |     |     |     |     |     |
| 347 | 354 | 361 | 3   | 10  |     |     |     |     |     |     |     |

|    |     |     |     |     |   |   |    |
|----|-----|-----|-----|-----|---|---|----|
|    | 28  | 29  | 1   | 2   | 3 | 4 | 5  |
|    |     |     |     |     |   |   | 12 |
| 10 | S   | M   | T   | W   | T | F | SA |
|    |     |     |     |     |   |   |    |
|    | 362 | 363 | 364 | 365 | 1 | 2 | 3  |

The 10th year the HCC has the first day of Tisri as Thursday. This results in a 5-12-19 Sabbath start for Nisian. This HCC has 354 days. The SC has 365. The difference is 11 days. 9+11=20 days difference at the end of the 10th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
|     | 30  |     |     |     | 29  |     |     |     |     | 30  |     |
| 19  | 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   |
| 10  | 17  | 24  | 31  | 38  | 45  | 52  | 59  | 66  | 73  | 80  | 87  |
|     |     | 29  |     |     |     | 30  |     |     |     | 29  |     |
| 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 3   |
| 94  | 101 | 108 | 115 | 122 | 129 | 136 | 143 | 150 | 157 | 164 | 171 |
|     |     | 30t |     |     |     |     | 29  |     |     |     | 30  |
| 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  | 7   | 14  | 21  | 28  |
| 178 | 185 | 192 | 199 | 206 | 213 | 220 | 227 | 234 | 241 | 248 | 255 |
|     |     |     | 29  |     |     |     | 30  |     |     |     | 29  |
| 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  |
| 262 | 269 | 276 | 283 | 290 | 297 | 304 | 311 | 318 | 325 | 332 | 339 |
|     |     |     |     | 30  |     |     |     |     |     |     |     |
| 1   | 8   | 15  | 22  | 29  |     |     |     |     |     |     |     |
| 346 | 353 | 360 | 2   | 9   |     |     |     |     |     |     |     |

|    |     |     |     |     |     |   |    |
|----|-----|-----|-----|-----|-----|---|----|
|    |     |     |     |     |     |   | 22 |
|    | S   | M   | T   | W   | T   | F | SA |
| 11 |     |     |     |     |     |   |    |
|    | 361 | 362 | 363 | 364 | 365 | 1 | 2  |

The 11th year the HCC has the first day of Tisri as Monday. This results in a 1-8-15 Sabbath start for Nisian. This HCC has 385 days. The SC has 365. The difference is 20 days. 20-20=0 no carry over at the end of the 11th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
| 30  |     |     |     |     | 29  |     |     |     | 30  |     |     |
| 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  | 26  | 3   | 10  | 17  |
| 9   | 16  | 23  | 30  | 37  | 44  | 51  | 58  | 65  | 72  | 79  | 86  |
| 29  |     |     |     |     | 30  |     |     |     | 29  |     |     |
| 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  | 28  | 6   | 13  |
| 93  | 100 | 107 | 114 | 121 | 128 | 135 | 142 | 149 | 156 | 163 | 170 |
|     |     | 30t |     |     |     | 30  |     |     |     | 30  | 7   |
| 20  | 27  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  | 30  | 37  |
| 177 | 184 | 191 | 198 | 205 | 212 | 219 | 226 | 233 | 240 | 247 | 254 |
|     |     |     | 29  |     |     |     | 30  |     |     | 30  |     |
| 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 2   |
| 261 | 268 | 275 | 282 | 289 | 296 | 303 | 310 | 317 | 324 | 331 | 338 |
|     |     |     | 29  |     |     |     |     |     |     |     |     |
| 9   | 16  | 23  | 1   | 8   | 15  |     |     |     |     |     |     |
| 345 | 352 | 359 | 1   | 8   | 15  |     |     |     |     |     |     |

|    |     |     |     |     |     |     |    |
|----|-----|-----|-----|-----|-----|-----|----|
|    |     |     |     |     |     |     | 23 |
|    |     |     |     |     |     |     | 1  |
| 12 | S   | M   | T   | W   | T   | F   | SA |
|    |     |     |     |     |     |     |    |
|    | 360 | 361 | 362 | 363 | 364 | 365 | 1  |

The 12th year HCC has the first day of on Monday. This results in a 1-8-15 Sabbath start for Nisian. This HCC has 353 Days. The SC has 366 days. The difference is 13 days. There is a 13 day carry over at the end of the 12th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     | 30  |     |     |     | 29  |     |     | 30  |
| 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  | 26  |
| 8   | 15  | 22  | 29  | 36  | 43  | 50  | 57  | 64  | 71  | 78  | 85  |
|     |     |     |     | 29  |     |     |     |     | 30  |     |     |
| 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  |
| 92  | 99  | 106 | 113 | 120 | 127 | 134 | 141 | 148 | 155 | 162 | 169 |
| 29  |     |     |     | 30t |     |     |     | 29  |     |     |     |
| 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 3   | 10  | 17  |
| 176 | 183 | 190 | 197 | 204 | 211 | 218 | 225 | 232 | 239 | 246 | 253 |
| 29  |     |     |     | 29  |     |     |     |     | 30  |     |     |
| 24  | 2   | 9   | 16  | 23  | 1   | 8   | 15  | 22  | 29  | 6   | 13  |
| 260 | 267 | 274 | 281 | 288 | 295 | 302 | 309 | 316 | 323 | 330 | 337 |
|     |     |     |     | 29  |     |     |     |     |     |     |     |
| 20  | 27  | 5   | 12  | 19  | 26  |     |     |     |     |     |     |
| 344 | 351 | 358 | 365 | 6   | 13  |     |     |     |     |     |     |

|     |   |   |   |   |   |   |    |
|-----|---|---|---|---|---|---|----|
|     |   |   |   |   |   |   | 12 |
|     |   |   |   |   |   |   | 19 |
| 13  | S | M | T | W | T | F | SA |
| 366 | 1 | 2 | 3 | 4 | 5 | 6 |    |

The 13th year HCC has the first day of Tisri on Thursday. This results in a 5-12-19 Sabbath start for Nisian. This HCC has 355 days. The S.C. has 365. The difference is 10 days. 13+10=23 days is the difference at the end of the year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
| 30  |     |     |     | 29  |     |     |     |     | 30  |     |     |
| 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  |
| 13  | 20  | 27  | 34  | 41  | 48  | 55  | 62  | 69  | 76  | 83  | 90  |
|     | 29  |     |     |     | 30  |     |     |     | 29  |     |     |
| 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 3   | 10  |
| 97  | 104 | 111 | 118 | 125 | 132 | 139 | 146 | 153 | 160 | 167 | 174 |
|     | 30t |     |     |     |     | 30  |     |     |     | 30  |     |
| 17  | 24  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 4   |
| 181 | 188 | 195 | 202 | 209 | 216 | 223 | 230 | 237 | 244 | 251 | 258 |
|     |     | 29  |     |     |     | 30  |     |     |     |     | 29  |
| 11  | 18  | 25  | 3   | 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  |
| 265 | 272 | 279 | 286 | 293 | 300 | 307 | 314 | 321 | 328 | 335 | 342 |
|     |     |     | 30  |     |     |     |     |     |     |     |     |
| 7   | 14  | 21  | 28  | 5   | 12  | 19  |     |     |     |     |     |
| 349 | 356 | 363 | 5   | 12  |     |     |     |     |     |     |     |

|     |     |   |   |   |   |   |    |
|-----|-----|---|---|---|---|---|----|
|     |     |   |   |   |   |   | 21 |
|     |     |   |   |   |   |   | 28 |
| 14  | S   | M | T | W | T | F | SA |
| 364 | 365 | 1 | 2 | 3 | 4 | 5 |    |

The 14 th year HCC has the first day of Tisri on Tuesday. This results in a 7-14-21 Sabbath start for Nisian. This HCC has 384 days. The SC has 365. The difference is 19 days. 23-19=4 days is the difference at the end of the 14th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     | 29  |     |     |     | 30  |     |     |     | 29  |
| 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  |
| 12  | 19  | 26  | 33  | 40  | 47  | 54  | 61  | 68  | 75  | 82  | 89  |
|     |     |     |     | 30  |     |     |     | 29  |     |     |     |
| 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  |
| 96  | 103 | 110 | 117 | 124 | 131 | 138 | 145 | 152 | 159 | 166 | 173 |
| 30t |     |     |     | 29  |     |     |     |     | 30  |     |     |
| 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  |
| 180 | 187 | 194 | 201 | 208 | 215 | 222 | 229 | 236 | 243 | 250 | 257 |
|     | 29  |     |     |     | 30  |     |     |     | 30  |     |     |
| 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 2   | 9   |
| 264 | 271 | 278 | 285 | 292 | 299 | 306 | 313 | 320 | 327 | 334 | 341 |
|     | 29  |     |     |     |     |     |     |     |     |     |     |
| 16  | 23  | 1   | 8   | 15  |     |     |     |     |     |     |     |
| 348 | 355 | 362 | 4   | 11  |     |     |     |     |     |     |     |

|     |     |     |   |   |   |   |    |
|-----|-----|-----|---|---|---|---|----|
|     |     |     |   |   |   |   | 1  |
|     |     |     |   |   |   |   | 8  |
| 15  | S   | M   | T | W | T | F | SA |
| 363 | 364 | 365 | 1 | 2 | 3 | 4 |    |

The 15th year HCC has the first day of Tisri on Monday. This results in a 1-8-15 Sabbath start for Nisian. This HCC has 355 days. The SC has 365. The difference is 10 days. 10+4=14 days is the difference at the end of the 15th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
|     |     | 30  |     |     |     | 29  |     |     |     | 30  |     |
| 15  | 22  | 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  | 26  | 3   |
| 11  | 18  | 25  | 32  | 39  | 46  | 53  | 60  | 67  | 74  | 81  | 88  |
|     |     | 29  |     |     |     |     | 30  |     |     |     | 29  |
| 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  | 28  |
| 95  | 102 | 109 | 116 | 123 | 130 | 137 | 144 | 151 | 158 | 165 | 172 |
|     |     |     | 30t |     |     |     | 30  |     |     |     |     |
| 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  |
| 179 | 186 | 193 | 200 | 207 | 214 | 221 | 228 | 235 | 242 | 249 | 256 |
| 30  |     |     |     | 29  |     |     |     | 30  |     |     |     |
| 30  | 7   | 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  |
| 263 | 270 | 277 | 284 | 291 | 298 | 305 | 312 | 319 | 326 | 333 | 340 |
|     | 29  |     |     |     |     |     |     |     |     |     |     |
| 25  | 3   | 10  | 17  | 24  |     |     |     |     |     |     |     |
| 347 | 354 | 361 | 3   | 10  |     |     |     |     |     |     |     |

|    |     |     |     |     |   |   |    |
|----|-----|-----|-----|-----|---|---|----|
|    |     |     |     |     |   |   | 10 |
|    |     |     |     |     |   |   | 17 |
| 16 | S   | M   | T   | W   | T | F | SA |
|    |     |     |     |     |   |   |    |
|    | 362 | 363 | 364 | 365 | 1 | 2 | 3  |

The 16th year HCC has the first day of Tisri on Saturday. This results in a 3-10-17 Sabbath start for Nisian. This HCC has 353 days. The SC has 366. The difference is 13 days. 14+13=27 days is the difference at the end of the 16th year.

|     |     |     |     |     |     |     |     |     |     |     |     |    |  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|
|     |     |     |     |     |     |     |     |     |     |     |     |    |  |
|     |     |     |     |     | 29  |     |     |     | 30  |     |     |    |  |
| 30  |     |     |     |     | 29  |     |     |     | 30  |     |     |    |  |
| 24  | 1   | 8   | 15  | 22  | 29  | 7   | 14  | 21  | 28  | 5   | 12  |    |  |
| 10  | 17  | 24  | 31  | 38  | 45  | 52  | 59  | 66  | 73  | 80  | 87  |    |  |
|     |     |     |     |     | 30  |     |     |     | 29  |     |     |    |  |
|     | 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  | 1   | 8  |  |
| 94  | 101 | 108 | 115 | 122 | 129 | 136 | 143 | 150 | 157 | 164 | 171 |    |  |
|     |     | 30t |     |     |     | 29  |     |     |     | 29  |     |    |  |
|     | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  | 26  | 4  |  |
| 178 | 185 | 192 | 199 | 206 | 213 | 220 | 227 | 234 | 241 | 248 | 255 |    |  |
|     |     | 29  |     |     |     | 30  |     |     |     |     |     | 29 |  |
|     | 11  | 18  | 25  | 3   | 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29 |  |
| 262 | 269 | 276 | 283 | 290 | 297 | 304 | 311 | 318 | 325 | 332 | 339 |    |  |
|     |     |     | 30  |     |     |     |     |     |     |     |     |    |  |
|     | 7   | 14  | 21  | 28  | 5   | 12  |     |     |     |     |     |    |  |
| 346 | 353 | 360 | 1   |     |     |     |     |     |     |     |     |    |  |

|    |     |     |     |     |     |     |    |
|----|-----|-----|-----|-----|-----|-----|----|
|    |     |     |     |     |     |     | 21 |
|    |     |     |     |     |     |     | 28 |
| 17 | S   | M   | T   | W   | T   | F   | SA |
|    |     |     |     |     |     |     |    |
|    | 361 | 362 | 363 | 364 | 365 | 366 | 1  |

The 17th year HCC has the first day of Tisri on Tuesday. This results in a 7-14-21 Sabbath start for Nisian. This HCC has 384 days. The SC has 365. The difference is 19 days. 27-19=8 days is the difference at the end of the 17th year.

|     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
|     |     |     |     | 29  |     |     |     |     |     |     |     |    |    |
|     |     |     |     |     |     |     |     | 30  |     |     |     |    | 29 |
| 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  |    |    |
| 8   | 15  | 22  | 29  | 36  | 43  | 50  | 57  | 64  | 71  | 78  | 85  |    |    |
|     |     |     |     | 30  |     |     |     | 29  |     |     |     |    |    |
| 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  |    |    |
| 92  | 99  | 106 | 113 | 120 | 127 | 134 | 141 | 148 | 155 | 162 | 169 |    |    |
|     |     | 30t |     |     | 29  |     |     |     |     | 30  |     |    |    |
|     | 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14 |    |
| 176 | 183 | 190 | 197 | 204 | 211 | 218 | 225 | 232 | 239 | 246 | 253 |    |    |
|     |     | 29  |     |     |     | 30  |     |     |     | 30  |     |    |    |
|     | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 2   | 9  |    |
| 260 | 267 | 274 | 281 | 288 | 295 | 302 | 309 | 316 | 323 | 330 | 337 |    |    |
|     |     | 29  |     |     |     |     |     |     |     |     |     |    |    |
|     | 16  | 23  | 1   | 8   | 15  | 22  |     |     |     |     |     |    |    |
| 344 | 351 | 358 | 365 | 7   | 14  |     |     |     |     |     |     |    |    |

|    |   |   |   |   |   |   |    |
|----|---|---|---|---|---|---|----|
|    |   |   |   |   |   |   | 8  |
|    |   |   |   |   |   |   | 15 |
| 18 | S | M | T | W | T | F | SA |
|    |   |   |   |   |   |   |    |
|    | 1 | 2 | 3 | 4 | 5 | 6 | 7  |

The 18th year HCC has the first day of Tisri on Monday. This results in a 1-8-15 Sabbath start for Nisian. This HCC has 355 days. The SC has 365. The difference is 10 days. 10+8=18 days is the difference at the end of the 18th year.

|     |     |     |     |     |     |     |     |     |     |     |     |    |  |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|
|     |     |     |     |     |     |     |     |     |     |     |     |    |  |
|     | 30  |     |     |     | 29  |     |     |     | 30  |     |     |    |  |
| 22  | 29  | 6   | 13  | 20  | 27  | 5   | 12  | 19  | 26  | 3   | 10  |    |  |
| 14  | 21  | 28  | 35  | 42  | 49  | 56  | 63  | 70  | 77  | 84  | 91  |    |  |
|     |     |     |     |     |     | 30  |     |     |     |     | 29  |    |  |
| 17  | 24  | 2   | 9   | 16  | 23  | 30  | 7   | 14  | 21  | 28  | 6   |    |  |
| 98  | 105 | 112 | 119 | 126 | 133 | 140 | 147 | 154 | 161 | 168 | 175 |    |  |
|     |     | 30t |     |     |     | 30  |     |     |     |     |     | 30 |  |
|     | 13  | 20  | 27  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  | 30 |  |
| 182 | 189 | 196 | 203 | 210 | 217 | 224 | 231 | 238 | 245 | 252 | 259 |    |  |
|     |     |     | 29  |     |     |     | 30  |     |     |     |     | 29 |  |
|     | 7   | 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25 |  |
| 266 | 273 | 280 | 287 | 294 | 301 | 308 | 315 | 322 | 329 | 336 | 343 |    |  |
|     |     |     | 30  |     |     |     |     |     |     |     |     |    |  |
|     | 3   | 10  | 17  | 24  | 1   | 8   |     |     |     |     |     |    |  |
| 350 | 357 | 364 | 6   | 13  |     |     |     |     |     |     |     |    |  |

|    |     |   |   |   |   |   |    |
|----|-----|---|---|---|---|---|----|
|    |     |   |   |   |   |   | 17 |
|    |     |   |   |   |   |   | 24 |
| 19 | S   | M | T | W | T | F | SA |
|    |     |   |   |   |   |   |    |
|    | 365 | 1 | 2 | 3 | 4 | 5 | 6  |

The 19th year HCC has the first day of Tisri on Saturday. This results in a 3-10-17 Sabbath start for Nisian. Chart#5 shows the first of Tisri to be on a Saturday with having 383 days. The SC has 365. The difference is 18 days.  $18-18=0$  days  
No carry over at the end of the 19th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     |     | 29  |     |     |     | 30  |     |     |     |
| 1   | 8   | 15  | 22  | 29  | 7   | 14  | 21  | 28  | 5   | 12  | 19  |
| 13  | 20  | 27  | 34  | 41  | 48  | 55  | 62  | 69  | 76  | 83  | 90  |
| 29  |     |     |     | 30  |     |     |     | 29  |     |     |     |
| 26  | 4   | 11  | 18  | 25  | 2   | 9   | 16  | 23  | 1   | 7   | 14  |
| 97  | 104 | 111 | 118 | 125 | 132 | 139 | 146 | 153 | 160 | 167 | 174 |
|     | 30t |     |     |     | 29  |     |     | 29  |     |     |     |
| 21  | 28  | 5   | 12  | 19  | 26  | 4   | 11  | 18  | 25  | 3   | 10  |
| 181 | 188 | 195 | 202 | 209 | 216 | 223 | 230 | 237 | 244 | 251 | 258 |
|     | 30  |     |     |     |     | 30  |     |     |     | 30  |     |
| 17  | 24  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  | 27  | 4   |
| 265 | 272 | 279 | 286 | 293 | 300 | 307 | 314 | 321 | 328 | 335 | 342 |
|     |     | 29  |     |     |     |     |     |     |     |     |     |
| 11  | 18  | 25  | 5   | 12  |     |     |     |     |     |     |     |
| 349 | 356 | 363 | 5   | 12  |     |     |     |     |     |     |     |

|    |     |     |   |   |   |   |    |
|----|-----|-----|---|---|---|---|----|
|    |     |     |   |   |   |   | 25 |
|    | 28  | 29  | 1 | 2 | 3 | 4 | 5  |
| 20 | S   | M   | T | W | T | F | SA |
|    |     |     |   |   |   |   |    |
|    | 364 | 365 | 1 | 2 | 3 | 4 | 5  |

The 20th year HCC has the first day of Tisri on Thursday. This results in a 5-12-19 Sabbath start for Nisian. This HCC has 355 days. The SC has 366. The difference is 11 days.  $0+11=11$  days difference at the end of the 20th year.

|     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |     |     |     |     |     |
|     |     | 30  |     |     |     | 29  |     |     |     |     | 30  |
| 12  | 19  | 26  | 3   | 10  | 17  | 24  | 2   | 9   | 16  | 23  | 30  |
| 12  | 19  | 26  | 33  | 40  | 47  | 54  | 61  | 68  | 75  | 82  | 89  |
|     |     |     | 29  |     |     |     | 30  |     |     |     | 29  |
| 7   | 14  | 21  | 28  | 6   | 13  | 20  | 27  | 4   | 11  | 18  | 25  |
| 96  | 103 | 110 | 117 | 124 | 131 | 138 | 145 | 152 | 159 | 166 | 173 |
|     |     |     | 30t |     |     |     |     | 30  |     |     |     |
| 3   | 10  | 17  | 24  | 1   | 8   | 15  | 22  | 29  | 6   | 13  | 20  |
| 180 | 187 | 194 | 201 | 208 | 215 | 222 | 229 | 236 | 243 | 250 | 257 |
| 30  |     |     |     | 29  |     |     |     | 30  |     |     |     |
| 27  | 4   | 11  | 18  | 25  | 3   | 10  | 17  | 24  | 1   | 8   | 15  |
| 264 | 271 | 278 | 285 | 292 | 299 | 306 | 313 | 320 | 327 | 334 | 341 |
|     |     | 29  |     |     |     |     |     |     |     |     |     |
| 22  | 29  | 7   | 14  | 21  |     |     |     |     |     |     |     |
| 348 | 355 | 362 | 3   | 10  |     |     |     |     |     |     |     |