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**Septem. Calendaria perpetua continentia ortum et occasum solis ad  
diversas poli elevationes seu urbium & locorum totius Europae  
latitudines itinerantibus valde commodum**

**Straub, Leonhard**

**Sangalli, MSLXXXI**

**Kantonsbibliothek Vadiana**

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Calendarium tertium.

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CALENDARIVM TERPIVM.  
CONTINENS SOLIS OR  
TVM ET OCCASVM, IN LOCIS  
*Europa, quæ sub elevatione poli. 46. item  
et 45. ac 47. gr. sita sunt, ut.*

Inshall, Insbruck, Pettau, Clagnfurt,  
Villach, Zürich, Bern, Lucern, Friburg  
*in der Eidgnoschafft*, Geneuæ, Lugduni,  
Viennægalliæ, Stridonæ, Bude, Grätz,  
Iudenburg, Saltzburg, Kempten,  
Lindaü, Sangallen, &c.

## Ianuarius. 46. 45. 47.

|    | Ortus<br>h.m. | Occa.<br>h.m. |  |
|----|---------------|---------------|-----------------------------------------------------------------------------------|
| 1  | 7.32          | 4.21          | 20                                                                                |
| 2  | 7.38          | 4.22          | 21                                                                                |
| 3  | 7.37          | 4.23          | 22                                                                                |
| 4  | 7.36          | 4.24          | 23                                                                                |
| 5  | 7.35          | 4.25          | 24                                                                                |
| 6  | 7.34          | 4.26          | 25                                                                                |
| 7  | 7.33          | 4.27          | 26                                                                                |
| 8  | 7.32          | 4.28          | 27                                                                                |
| 9  | 7.31          | 4.29          | 28                                                                                |
| 10 | 7.30          | 4.30          | 29                                                                                |
| 11 | 7.29          | 4.31          |  |
| 12 | 7.28          | 4.32          | 1                                                                                 |
| 13 | 7.27          | 4.33          | 2                                                                                 |
| 14 | 7.26          | 4.34          | 3                                                                                 |
| 15 | 7.25          | 4.35          | 4                                                                                 |

|    | Ortus<br>h.m. | Occa.<br>h.m. |  |
|----|---------------|---------------|-----------------------------------------------------------------------------------|
| 16 | 7.24          | 4.36          | 5                                                                                 |
| 17 | 7.23          | 4.37          | 6                                                                                 |
| 18 | 7.22          | 4.38          | 7                                                                                 |
| 19 | 7.21          | 4.39          | 8                                                                                 |
| 20 | 7.20          | 4.40          | 9                                                                                 |
| 21 | 7.19          | 4.41          | 10                                                                                |
| 22 | 7.18          | 4.42          | 11                                                                                |
| 23 | 7.17          | 4.43          | 12                                                                                |
| 24 | 7.16          | 4.44          | 13                                                                                |
| 25 | 7.14          | 4.46          | 14                                                                                |
| 26 | 7.13          | 4.47          | 15                                                                                |
| 27 | 7.12          | 4.48          | 16                                                                                |
| 28 | 7.10          | 4.50          | 17                                                                                |
| 29 | 7. 8          | 4.52          | 18                                                                                |
| 30 | 7. 7          | 4.53          | 19                                                                                |
| 31 | 7. 5          | 4.55          | 20                                                                                |

Februarius. 46. 45. 47.

|    | Ortus<br>h. m. | Occa.<br>h. m. |  |
|----|----------------|----------------|-----------------------------------------------------------------------------------|
| 1  | 7. 4           | 4. 56          | 21                                                                                |
| 2  | 7. 3           | 4. 57          | 22                                                                                |
| 3  | 7. 1           | 4. 59          | 23                                                                                |
| 4  | 7. 0           | 5. 0           | 24                                                                                |
| 5  | 6. 58          | 5. 1           | 25                                                                                |
| 6  | 6. 56          | 5. 4           | 26                                                                                |
| 7  | 6. 54          | 5. 6           | 27                                                                                |
| 8  | 6. 52          | 5. 8           | 28                                                                                |
| 9  | 6. 50          | 5. 10          | 29                                                                                |
| 10 | 6. 48          | 5. 12          |  |
| 11 | 6. 46          | 5. 14          | 1                                                                                 |
| 12 | 6. 44          | 5. 16          | 2                                                                                 |
| 13 | 6. 42          | 5. 18          | 3                                                                                 |
| 14 | 6. 41          | 5. 19          | 4                                                                                 |

|    | Ortus<br>h. m. | Occa.<br>h. m. |  |
|----|----------------|----------------|------------------------------------------------------------------------------------|
| 15 | 6. 39          | 5. 21          | 5                                                                                  |
| 16 | 6. 38          | 5. 22          | 6                                                                                  |
| 17 | 6. 36          | 5. 24          | 7                                                                                  |
| 18 | 6. 35          | 5. 25          | 8                                                                                  |
| 19 | 6. 33          | 5. 27          | 9                                                                                  |
| 20 | 6. 31          | 5. 29          | 10                                                                                 |
| 21 | 6. 30          | 5. 30          | 11                                                                                 |
| 22 | 6. 28          | 5. 32          | 12                                                                                 |
| 23 | 6. 26          | 5. 34          | 13                                                                                 |
| Lo | cus ano        | nibifex        | ti.                                                                                |
| 24 | 6. 25          | 5. 35          | 14                                                                                 |
| 25 | 6. 23          | 5. 37          | 15                                                                                 |
| 26 | 6. 22          | 5. 38          | 16                                                                                 |
| 27 | 6. 20          | 5. 40          | 17                                                                                 |
| 28 | 6. 18          | 5. 42          | 18                                                                                 |

Martius. 46. 45. 47.

|    | Ortus | Occa. |    |
|----|-------|-------|----|
|    | h. m. | h. m. |    |
| 1  | 6. 17 | 5. 43 | 20 |
| 2  | 6. 15 | 5. 45 | 21 |
| 3  | 6. 14 | 5. 46 | 22 |
| 4  | 6. 12 | 5. 48 | 23 |
| 5  | 6. 11 | 5. 49 | 24 |
| 6  | 6. 9  | 5. 51 | 25 |
| 7  | 6. 8  | 5. 52 | 26 |
| 8  | 6. 6  | 5. 54 | 27 |
| 9  | 6. 4  | 5. 56 | 28 |
| 10 | 6. 2  | 5. 58 | 29 |
| 11 | 6. 0  | 6. 0  | V  |
| 12 | 5. 58 | 6. 2  | 1  |
| 13 | 5. 56 | 6. 4  | 2  |
| 14 | 5. 55 | 6. 5  | 3  |
| 15 | 5. 54 | 6. 6  | 4  |

|    | Ortus | Occa. |    |
|----|-------|-------|----|
|    | h. m. | h. m. |    |
| 16 | 5. 52 | 6. 8  | 5  |
| 17 | 5. 50 | 6. 10 | 6  |
| 18 | 5. 48 | 6. 12 | 7  |
| 19 | 5. 47 | 6. 13 | 8  |
| 20 | 5. 45 | 6. 15 | 9  |
| 21 | 5. 44 | 6. 16 | 10 |
| 22 | 5. 42 | 6. 18 | 11 |
| 23 | 5. 40 | 6. 20 | 12 |
| 24 | 5. 38 | 6. 22 | 13 |
| 25 | 5. 37 | 6. 23 | 14 |
| 26 | 5. 35 | 6. 25 | 15 |
| 27 | 5. 34 | 6. 26 | 16 |
| 28 | 5. 32 | 6. 28 | 17 |
| 29 | 5. 30 | 6. 30 | 18 |
| 30 | 5. 29 | 6. 31 | 19 |
| 31 | 5. 27 | 6. 33 | 20 |

Aprilis. 46. 45. 47.

|    | Ortus<br>h.m. | Occa.<br>h.m. | ☉<br>V |
|----|---------------|---------------|--------|
| 1  | 5.25          | 6.35          | 20     |
| 2  | 5.24          | 6.36          | 21     |
| 3  | 5.22          | 6.38          | 22     |
| 4  | 5.20          | 6.40          | 23     |
| 5  | 5.19          | 6.41          | 24     |
| 6  | 5.18          | 6.42          | 25     |
| 7  | 5.16          | 6.44          | 26     |
| 8  | 5.15          | 6.45          | 27     |
| 9  | 5.13          | 6.47          | 28     |
| 10 | 5.12          | 6.48          | 29     |
| 11 | 5.11          | 6.49          | ☿      |
| 12 | 5.10          | 6.50          | 1      |
| 13 | 5. 9          | 6.51          | 2      |
| 14 | 5. 7          | 6.53          | 3      |
| 15 | 5. 5          | 6.55          | 4      |

|    | Ortus<br>h. m. | Occa.<br>h. m. | ☉<br>8 |
|----|----------------|----------------|--------|
| 16 | 5. 3           | 6.57           | 5      |
| 17 | 5. 2           | 6.58           | 6      |
| 18 | 5. 1           | 6.59           | 7      |
| 19 | 4.59           | 7. 1           | 8      |
| 20 | 4.58           | 7. 2           | 9      |
| 21 | 4.57           | 7. 3           | 10     |
| 22 | 4.55           | 7. 5           | 11     |
| 23 | 4.53           | 7. 7           | 12     |
| 24 | 4.52           | 7. 8           | 13     |
| 25 | 4.50           | 7.10           | 14     |
| 26 | 4.49           | 7.11           | 15     |
| 27 | 4.47           | 7.13           | 16     |
| 28 | 4.45           | 7.15           | 17     |
| 29 | 4.44           | 7.16           | 18     |
| 30 | 4.43           | 7.17           | 19     |



Mauius. 46. 45. 47.

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h.m.  | h.m.  |    |
| 1  | 4.42  | 7.18  | 19 |
| 2  | 4.41  | 7.19  | 20 |
| 3  | 4.40  | 7.20  | 21 |
| 4  | 4.38  | 7.22  | 22 |
| 5  | 4.37  | 7.23  | 23 |
| 6  | 4.36  | 7.24  | 24 |
| 7  | 4.35  | 7.25  | 25 |
| 8  | 4.34  | 7.26  | 26 |
| 9  | 4.33  | 7.27  | 27 |
| 10 | 4.32  | 7.28  | 28 |
| 11 | 4.31  | 7.29  | 29 |
| 12 | 4.30  | 7.30  | II |
| 13 | 4.29  | 7.31  | 1  |
| 14 | 4.28  | 7.32  | 2  |
| 15 | 4.27  | 7.33  | 3  |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h.m.  | h.m.  | II |
| 16 | 4.26  | 7.34  | 4  |
| 17 | 4.25  | 7.35  | 5  |
| 18 | 4.24  | 7.36  | 6  |
| 19 | 4.23  | 7.37  | 7  |
| 20 | 4.22  | 7.38  | 8  |
| 21 | 4.21  | 7.39  | 9  |
| 22 | 4.20  | 7.40  | 10 |
| 23 | 4.20  | 7.40  | 11 |
| 24 | 4.19  | 7.41  | 12 |
| 25 | 4.18  | 7.42  | 13 |
| 26 | 4.18  | 7.42  | 14 |
| 27 | 4.17  | 7.43  | 15 |
| 28 | 4.16  | 7.44  | 16 |
| 29 | 4.16  | 7.44  | 17 |
| 30 | 4.15  | 7.45  | 18 |
| 31 | 4.14  | 7.46  | 19 |

Iunius. 46. 45. 47.

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | II |
| 1  | 4.15  | 7.45  | 19 |
| 2  | 4.14  | 7.46  | 20 |
| 3  | 4.14  | 7.46  | 21 |
| 4  | 4.14  | 7.46  | 22 |
| 5  | 4.13  | 7.47  | 23 |
| 6  | 4.13  | 7.47  | 24 |
| 7  | 4.13  | 7.47  | 25 |
| 8  | 4.12  | 7.48  | 26 |
| 9  | 4.12  | 7.48  | 27 |
| 10 | 4.12  | 7.48  | 28 |
| 11 | 4.12  | 7.48  | 29 |
| 12 | 4.12  | 7.48  | ☉  |
| 13 | 4.12  | 7.48  | 1  |
| 14 | 4.12  | 7.48  | 2  |
| 15 | 4.12  | 7.48  | 3  |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | ☉  |
| 16 | 4.13  | 7.47  | 4  |
| 17 | 4.13  | 7.47  | 5  |
| 18 | 4.13  | 7.47  | 6  |
| 19 | 4.14  | 7.46  | 7  |
| 20 | 4.14  | 7.46  | 8  |
| 21 | 4.14  | 7.46  | 9  |
| 22 | 4.15  | 7.45  | 10 |
| 23 | 4.15  | 7.45  | 11 |
| 24 | 4.16  | 7.44  | 12 |
| 25 | 4.17  | 7.43  | 13 |
| 26 | 4.17  | 7.43  | 14 |
| 27 | 4.18  | 7.42  | 15 |
| 28 | 4.19  | 7.41  | 16 |
| 29 | 4.19  | 7.41  | 17 |
| 30 | 4.20  | 7.40  | 18 |



Iulius. 46. 45. 47.

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | ☿  |
| 1  | 4.20  | 7.40  | 18 |
| 2  | 4.20  | 7.40  | 19 |
| 3  | 4.21  | 7.39  | 20 |
| 4  | 4.22  | 7.38  | 21 |
| 5  | 4.23  | 7.37  | 22 |
| 6  | 4.24  | 7.36  | 23 |
| 7  | 4.25  | 7.35  | 24 |
| 8  | 4.26  | 7.34  | 25 |
| 9  | 4.27  | 7.33  | 26 |
| 10 | 4.28  | 7.32  | 27 |
| 11 | 4.29  | 7.31  | 28 |
| 12 | 4.30  | 7.30  | 29 |
| 13 | 4.30  | 7.30  | ☊  |
| 15 | 4.31  | 7.29  | 1  |
| 14 | 4.32  | 7.28  | 2  |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | ☿  |
| 16 | 4.33  | 7.27  | 3  |
| 17 | 4.34  | 7.26  | 4  |
| 18 | 4.36  | 7.24  | 5  |
| 19 | 4.37  | 7.23  | 6  |
| 20 | 4.38  | 7.22  | 7  |
| 21 | 4.40  | 7.20  | 8  |
| 22 | 4.41  | 7.19  | 9  |
| 23 | 4.42  | 7.18  | 10 |
| 24 | 4.43  | 7.17  | 11 |
| 25 | 4.44  | 7.16  | 12 |
| 26 | 4.45  | 7.15  | 13 |
| 27 | 4.47  | 7.13  | 14 |
| 28 | 4.48  | 7.12  | 15 |
| 29 | 4.50  | 7.10  | 16 |
| 30 | 4.51  | 7. 9  | 17 |
| 31 | 4.53  | 7. 7  | 18 |

Augustus. 46. 45. 47.

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h.m.  | h.m.  | ☿  |
| 1  | 4.55  | 7. 5  | 18 |
| 2  | 4.56  | 7. 4  | 19 |
| 3  | 4.57  | 7. 3  | 20 |
| 4  | 4.59  | 7. 1  | 21 |
| 5  | 5. 0  | 7. 0  | 22 |
| 6  | 5. 2  | 6.58  | 23 |
| 7  | 5. 4  | 6.56  | 24 |
| 8  | 5. 5  | 6.55  | 25 |
| 9  | 5. 6  | 6.54  | 26 |
| 10 | 5. 8  | 6.52  | 27 |
| 11 | 5. 9  | 6.51  | 28 |
| 12 | 5.11  | 6.49  | 29 |
| 13 | 5.12  | 6.48  | ♂  |
| 14 | 5.13  | 6.47  | 1  |
| 15 | 5.14  | 6.46  | 2  |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h.m.  | h.m.  | ♂  |
| 16 | 5.16  | 6.44  | 3  |
| 17 | 5.18  | 6.42  | 4  |
| 18 | 5.19  | 6.41  | 5  |
| 19 | 5.21  | 6.39  | 6  |
| 20 | 5.22  | 6.38  | 7  |
| 21 | 5.23  | 6.37  | 8  |
| 22 | 5.25  | 6.35  | 9  |
| 23 | 5.27  | 6.33  | 10 |
| 24 | 5.29  | 6.31  | 11 |
| 25 | 5.30  | 6.30  | 12 |
| 26 | 5.32  | 6.28  | 13 |
| 27 | 5.34  | 6.26  | 14 |
| 28 | 5.36  | 6.24  | 15 |
| 29 | 5.37  | 6.23  | 16 |
| 30 | 5.38  | 6.22  | 17 |
| 31 | 5.40  | 6.20  | 18 |

September. 46. 45. 47.

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | mp |
| 1  | 5.42  | 6.18  | 18 |
| 2  | 5.43  | 6.17  | 19 |
| 3  | 5.45  | 6.15  | 20 |
| 4  | 5.47  | 6.13  | 21 |
| 5  | 5.48  | 6.12  | 22 |
| 6  | 5.50  | 6.10  | 23 |
| 7  | 5.52  | 6. 8  | 24 |
| 8  | 5.53  | 6. 7  | 25 |
| 9  | 5.54  | 6. 6  | 26 |
| 10 | 5.56  | 6. 4  | 27 |
| 11 | 5.58  | 6. 2  | 28 |
| 12 | 5.59  | 6. 1  | 29 |
| 13 | 6. 0  | 6. 0  | h  |
| 14 | 6. 2  | 5.58  | 1  |
| 15 | 6. 4  | 5.56  | 2  |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | h  |
| 16 | 6. 5  | 5.55  | 3  |
| 17 | 6. 7  | 5.53  | 4  |
| 18 | 6. 8  | 5.52  | 5  |
| 19 | 6.10  | 5.50  | 6  |
| 20 | 6.12  | 5.48  | 7  |
| 21 | 6.14  | 5.46  | 8  |
| 22 | 6.15  | 5.45  | 9  |
| 23 | 6.16  | 5.44  | 10 |
| 24 | 6.18  | 5.42  | 11 |
| 25 | 6.20  | 5.40  | 12 |
| 26 | 6.21  | 5.39  | 13 |
| 27 | 6.23  | 5.37  | 14 |
| 28 | 6.25  | 5.35  | 15 |
| 29 | 6.27  | 5.33  | 16 |
| 30 | 6.28  | 5.32  | 17 |

October. 46. 45. 47.

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h.m.  | h.m.  | h  |
| 1  | 6.29  | 5.31  | 18 |
| 2  | 6.31  | 5.29  | 19 |
| 3  | 6.32  | 5.28  | 20 |
| 4  | 6.34  | 5.26  | 21 |
| 5  | 6.36  | 5.24  | 22 |
| 6  | 6.37  | 5.23  | 23 |
| 7  | 6.39  | 5.21  | 24 |
| 8  | 6.41  | 5.19  | 25 |
| 9  | 6.42  | 5.18  | 26 |
| 10 | 6.44  | 5.16  | 27 |
| 11 | 6.45  | 5.15  | 28 |
| 12 | 6.47  | 5.13  | 29 |
| 13 | 6.48  | 5.12  | m  |
| 14 | 6.50  | 5.10  | 1  |
| 15 | 6.51  | 5. 2  | 2  |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h.m.  | h.m.  | m  |
| 16 | 6.53  | 5. 7  | 3  |
| 17 | 6.55  | 5. 5  | 4  |
| 18 | 6.57  | 5. 3  | 5  |
| 19 | 6.58  | 5. 2  | 6  |
| 20 | 6.59  | 5. 1  | 7  |
| 21 | 7. 1  | 4.59  | 8  |
| 22 | 7. 2  | 4.58  | 9  |
| 23 | 7. 4  | 4.56  | 10 |
| 24 | 7. 6  | 4.54  | 11 |
| 25 | 7. 7  | 4.53  | 12 |
| 26 | 7. 8  | 4.52  | 13 |
| 27 | 7.10  | 4.50  | 14 |
| 28 | 7.11  | 4.49  | 15 |
| 29 | 7.12  | 4.48  | 16 |
| 30 | 7.14  | 4.46  | 17 |
| 31 | 7.15  | 4.45  | 18 |

November. 46. 45. 47.

|    | Ortus | Occa. | ☉   |
|----|-------|-------|-----|
|    | h. m. | h. m. | III |
| 1  | 7.17  | 4.43  | 19  |
| 2  | 7.18  | 4.42  | 20  |
| 3  | 7.19  | 4.41  | 21  |
| 4  | 7.20  | 4.40  | 22  |
| 5  | 7.22  | 4.38  | 23  |
| 6  | 7.23  | 4.37  | 24  |
| 7  | 7.24  | 4.36  | 25  |
| 8  | 7.25  | 4.35  | 26  |
| 9  | 7.26  | 4.34  | 27  |
| 10 | 7.27  | 4.33  | 28  |
| 11 | 7.28  | 4.32  | 29  |
| 12 | 7.29  | 4.31  | ☿   |
| 13 | 7.30  | 4.30  | 1   |
| 14 | 7.31  | 4.29  | 2   |
| 15 | 7.32  | 4.28  | 3   |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | †  |
| 16 | 7.34  | 4.26  | 4  |
| 17 | 7.35  | 4.25  | 5  |
| 18 | 7.36  | 4.24  | 6  |
| 19 | 7.37  | 4.23  | 7  |
| 20 | 7.37  | 4.23  | 8  |
| 21 | 7.38  | 4.22  | 9  |
| 22 | 7.39  | 4.21  | 10 |
| 23 | 7.39  | 4.21  | 11 |
| 24 | 7.40  | 4.20  | 12 |
| 25 | 7.41  | 4.19  | 13 |
| 26 | 7.41  | 4.19  | 14 |
| 27 | 7.42  | 4.18  | 15 |
| 28 | 7.43  | 4.17  | 16 |
| 29 | 7.43  | 4.17  | 17 |
| 30 | 7.44  | 4.16  | 18 |

December. 46. 45. 47.

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | ↑  |
| 1  | 7.45  | 4.15  | 19 |
| 2  | 7.45  | 4.15  | 20 |
| 3  | 7.46  | 4.14  | 21 |
| 4  | 7.46  | 4.14  | 22 |
| 5  | 7.46  | 4.14  | 23 |
| 6  | 7.47  | 4.13  | 24 |
| 7  | 7.47  | 4.13  | 25 |
| 8  | 7.47  | 4.13  | 26 |
| 9  | 7.47  | 4.13  | 27 |
| 10 | 7.47  | 4.13  | 28 |
| 11 | 7.47  | 4.13  | 29 |
| 12 | 7.47  | 4.13  | ☿  |
| 13 | 7.47  | 4.13  | 1  |
| 14 | 7.47  | 4.13  | 2  |
| 15 | 7.47  | 4.13  | 3  |

|    | Ortus | Occa. | ☉  |
|----|-------|-------|----|
|    | h. m. | h. m. | ↑  |
| 16 | 7.47  | 4.13  | 4  |
| 17 | 7.47  | 4.13  | 5  |
| 18 | 7.47  | 4.13  | 6  |
| 19 | 7.46  | 4.14  | 7  |
| 20 | 7.46  | 4.14  | 8  |
| 21 | 7.46  | 4.14  | 9  |
| 22 | 7.45  | 4.15  | 10 |
| 23 | 7.45  | 4.15  | 11 |
| 24 | 7.45  | 4.15  | 12 |
| 25 | 7.44  | 4.16  | 13 |
| 26 | 7.44  | 4.16  | 14 |
| 27 | 7.43  | 4.17  | 15 |
| 28 | 7.42  | 4.18  | 16 |
| 29 | 7.42  | 4.18  | 17 |
| 30 | 7.41  | 4.19  | 18 |
| 31 | 7.40  | 4.20  | 19 |