Table 2. Composite Temperature Data for Outdoor Air, Under the Tunnel Air, and Soil

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| --- | --- | --- | --- | --- | --- |
| Date | Outdoor max | Outdoor min | Tunnel max | Tunnel min | soil |
| 2010 |  |  |  |  |  |
| 8/15 | 85 | 65 | uncovered |  | 74 |
| 8/21 | 81 | 68 |  |  | 74 |
| 8/30 | 65 | 56 |  |  | 70 |
| 9/15 | 68 | 57 |  |  | 71 |
| 9/22 | 74 | 65 |  |  | 72 |
| 9/26 | 65 | 39 |  |  | 70 |
| 9/30 | 49 | 45 | 58 | 53\* | 67 |
| 10/7 | 58 | 50 | 67 | 54 | 65 |
| 10/15 | 39 | 29 | 46 | 38 | 64 |
| 10/23 | 50 | 38 | 61 | 44 | 64 |
| 10/31 | 59 | 41 | 68 | 47 | 64 |
| 11/6 | 40 | 30 | 51 | 37 | 64 |
| 11/15 | 60 | 42 | 72 | 49 | 63 |
| 11/22 | 50 | 38 | 62 | 44 | 62 |
| 11/30 | 47 | 28 | 55 | 37 | 63 |
| 12/5 | 34 | 24 | 42 | 34\*\* | 61 |
| 12/17 | 21 | 4 | 42 | 34 | 55 |
| 12/29 | 18 | 8 | 35 | 28 | 50 |
| 2011 |  |  |  |  |  |
| 1/2 | 30 | 20 | 38 | 30 | 44 |
| 1/11 | 22 | -3 | Cover frozen  | To ground |  |
| 1/21 | 35 | 18 |  |  |  |
| 1/31 | 23 | -3 |  |  |  |
| 2/5 | 30 | 20 |  |  |  |
| 2/15 | 32 | 26 | 38 | 33 | 33 |
| 2/27 | 35 | 28 | 41\*\*\* | 34 | 37 |
| 3/4 | 37 | 28 | 45 | 34 | 42 |
| 3/13 | 46 | 37 | 55 | 44 | 50 |
| 3/24 | 54 | 33 | 67 | 42 | 64 |
| 3/29 | 45 | 39 | 68 | 47 | 67 |
| Second season |  |  |  |  |  |
| 8/15 | 80 | 70 | uncovered |  | 77 |
| 8/30 | 90 | 66 |  |  | 78 |
| 9/7 | 89 | 64 |  |  | 77 |
| 9/15 | 62 | 45 |  |  | 72 |
| 9/22 | 73 | 58 |  |  | 70 |
| 9/30 | 60 | 56 |  |  | 67 |
| 10/7 | 66 | 50 |  |  | 67 |
| 10/15 | 52 | 43 |  |  | 62 |
| 10/28 | 58 | 46 |  |  | 62 |
| 11/10 | 48 | 31 | Covered\* |  | 59 |
| 11/21 | 48 | 30 | 60 | 39 | 58 |
| 11/30 | 56 | 37 | 66 | 43 | 58 |
| 12/5 | 29 | 23 | Covered\*\* 38 | 36 | 54 |
| 12/19 | 27 | 20 |  |  | 54 |
| 12/30 | 40 | 15 | 52 | 34 | 44 |
| 2011 |  |  |  |  |  |
| 1/8 | 27 | 16 | 35 | 33 | 38 |
| 1/24 | 18 | -8 | 29 | 22 | 28 |
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\*covered tunnel with Ag. 19. \*\*replaced AG19 with AG 30 and clear plastic \*\*\*replaced AG 30 with AG19