

## PRECIPITATION

Precipitation data were obtained from long-term monitoring stations operated by the U.S. Department of Commerce. The data are published as Climatological Data—Pennsylvania, and as Climatological Data—New York by the National Oceanic and Atmospheric

Administration (NOAA) at the National Climatic Data Center in Asheville, North Carolina. Quarterly and annual data from these sources were compiled across the subbasins of the Susquehanna River Basin and are reported in Table 4 for Group A sites.

**Table 4. Summary for Annual Precipitation for Selected Areas in the Susquehanna River Basin, Calendar Year 2005**

| River Location                                     | Season                  | Calendar Year 2005 Precipitation | Average Long-term Precipitation | Departure From Long-term |
|--|-------------------------|----------------------------------|---------------------------------|--------------------------|
|  |                         | inches                           | inches                          | inches                   |
| Susquehanna River above Towanda, Pa.               | January-March           | 12.56                            | 7.45                            | +5.11                    |
|  | April-June              | 12.57                            | 10.69                           | +1.88                    |
|  | July-September          | 13.36                            | 11.33                           | +2.03                    |
|  | <u>October-December</u> | <u>16.58</u>                     | <u>9.09</u>                     | <u>+7.49</u>             |
|  | <b>Yearly Total</b>     | <b>55.07</b>                     | <b>38.56</b>                    | <b>+16.51</b>            |
| Susquehanna River above Danville, Pa.              | January-March           | 12.15                            | 7.49                            | +4.66                    |
|  | April-June              | 11.27                            | 10.73                           | +0.54                    |
|  | July-September          | 12.05                            | 11.51                           | +0.54                    |
|  | <u>October-December</u> | <u>16.25</u>                     | <u>9.15</u>                     | <u>+7.10</u>             |
|  | <b>Yearly Total</b>     | <b>51.72</b>                     | <b>38.88</b>                    | <b>+12.84</b>            |
| West Branch Susquehanna River above Lewisburg, Pa. | January-March           | 11.67                            | 8.23                            | +3.44                    |
|  | April-June              | 6.99                             | 11.03                           | -4.04                    |
|  | July-September          | 9.11                             | 12.49                           | -3.38                    |
|  | <u>October-December</u> | <u>13.40</u>                     | <u>9.58</u>                     | <u>+3.82</u>             |
|  | <b>Yearly Total</b>     | <b>41.17</b>                     | <b>41.33</b>                    | <b>-0.16</b>             |
| Juniata River above Newport, Pa.                   | January-March           | 9.10                             | 7.73                            | +1.37                    |
|  | April-June              | 5.77                             | 9.47                            | -3.70                    |
|  | July-September          | 7.15                             | 10.01                           | -2.86                    |
|  | <u>October-December</u> | <u>10.66</u>                     | <u>8.89</u>                     | <u>+1.77</u>             |
|  | <b>Yearly Total</b>     | <b>32.68</b>                     | <b>36.10</b>                    | <b>-3.42</b>             |
| Susquehanna River above Marietta, Pa.              | January-March           | 11.35                            | 8.11                            | +3.24                    |
|  | April-June              | 8.60                             | 10.70                           | -2.10                    |
|  | July-September          | 10.10                            | 11.63                           | -1.53                    |
|  | <u>October-December</u> | <u>14.07</u>                     | <u>9.34</u>                     | <u>+4.73</u>             |
|  | <b>Yearly Total</b>     | <b>44.12</b>                     | <b>39.78</b>                    | <b>+4.34</b>             |
| Conestoga River above Conestoga, Pa.               | January-March           | 10.46                            | 8.90                            | +1.56                    |
|  | April-June              | 8.68                             | 10.46                           | -1.78                    |
|  | July-September          | 9.04                             | 12.64                           | -3.60                    |
|  | <u>October-December</u> | <u>17.79</u>                     | <u>10.42</u>                    | <u>+7.37</u>             |
|  | <b>Yearly Total</b>     | <b>45.97</b>                     | <b>42.42</b>                    | <b>+3.55</b>             |