

Current Ordinance:

| TABLE 6-5: BOERNE RAINFALL DEPTHS FOR VARIOUS DURATIONS AND FREQUENCIES. |                    |                    |                     |                     |                     |                      |
|--------------------------------------------------------------------------|--------------------|--------------------|---------------------|---------------------|---------------------|----------------------|
| Duration<br>(Minutes)                                                    | Frequency          |                    |                     |                     |                     |                      |
|                                                                          | 2-year<br>(Inches) | 5-year<br>(Inches) | 10-year<br>(Inches) | 25-year<br>(Inches) | 50-year<br>(Inches) | 100-year<br>(Inches) |
| 5                                                                        | 0.53               | 0.66               | 0.78                | 0.94                | 1.06                | 1.19                 |
| 10                                                                       | 0.84               | 1.06               | 1.24                | 1.86                | 1.70                | 1.90                 |
| 15                                                                       | 1.06               | 1.33               | 1.81                | 2.16                | 2.44                | 2.35                 |
| 20                                                                       | 1.24               | 1.56               | 1.81                | 2.16                | 2.44                | 2.73                 |
| 30                                                                       | 1.50               | 1.87               | 2.18                | 2.60                | 2.93                | 3.27                 |
| 45                                                                       | 1.82               | 2.27               | 2.65                | 3.16                | 3.56                | 3.98                 |
| 60                                                                       | 1.97               | 2.47               | 2.89                | 3.47                | 3.92                | 4.40                 |
| 120                                                                      | 2.43               | 3.09               | 3.69                | 4.56                | 5.28                | 6.06                 |
| 180                                                                      | 2.70               | 3.48               | 4.23                | 5.28                | 6.21                | 7.23                 |
| 240                                                                      | 2.91               | 3.79               | 4.60                | 5.85                | 6.94                | 8.15                 |
| 360                                                                      | 3.16               | 4.14               | 5.09                | 6.53                | 7.79                | 9.22                 |
| 720                                                                      | 3.63               | 4.81               | 5.95                | 7.71                | 9.24                | 11.00                |
| 1440                                                                     | 4.14               | 5.53               | 6.88                | 8.95                | 10.80               | 12.80                |

Proposed Ordinance:

| Table 6-5: Boerne rainfall depths for various durations and frequencies. |                    |                    |                     |                     |                     |                      |
|--------------------------------------------------------------------------|--------------------|--------------------|---------------------|---------------------|---------------------|----------------------|
| Duration<br>(Minutes)                                                    | Frequency          |                    |                     |                     |                     |                      |
|                                                                          | 2-year<br>(Inches) | 5-year<br>(Inches) | 10-year<br>(Inches) | 25-year<br>(Inches) | 50-year<br>(Inches) | 100-year<br>(Inches) |
| 5                                                                        | 0.53               | 0.66               | 0.78                | 0.94                | 1.06                | 1.19                 |
| 10                                                                       | 0.84               | 1.06               | 1.24                | 1.50                | 1.70                | 1.90                 |
| 15                                                                       | 1.06               | 1.33               | 1.55                | 1.86                | 2.10                | 2.35                 |
| 20                                                                       | 1.24               | 1.56               | 1.81                | 2.16                | 2.44                | 2.73                 |
| 30                                                                       | 1.50               | 1.87               | 2.18                | 2.60                | 2.93                | 3.27                 |
| 45                                                                       | 1.82               | 2.27               | 2.65                | 3.16                | 3.56                | 3.98                 |
| 60                                                                       | 1.97               | 2.47               | 2.89                | 3.47                | 3.92                | 4.40                 |
| 120                                                                      | 2.43               | 3.09               | 3.69                | 4.56                | 5.28                | 6.06                 |
| 180                                                                      | 2.70               | 3.48               | 4.20                | 5.28                | 6.20                | 7.23                 |
| 240                                                                      | 2.91               | 3.79               | 4.60                | 5.85                | 6.94                | 8.15                 |
| 360                                                                      | 3.16               | 4.14               | 5.09                | 6.53                | 7.79                | 9.22                 |
| 720                                                                      | 3.63               | 4.81               | 5.95                | 7.71                | 9.24                | 11.00                |
| 1440                                                                     | 4.14               | 5.53               | 6.88                | 8.95                | 10.80               | 12.80                |