

20 New Cars

| <b>mass<br/>(kilograms)</b> | <b>fuel efficiency<br/>(miles per gallon)</b> |
|-----------------------------|---|
| 1,549                       | 25  |
| 1,610                       | 20  |
| 1,737                       | 21  |
| 1,777                       | 20  |
| 1,155                       | 28  |
| 1,486                       | 23  |
| 1,962                       | 16  |
| 2,384                       | 16  |
| 1,957                       | 19  |
| 2,212                       | 16  |
| 1,115                       | 29  |
| 2,068                       | 18  |
| 1,663                       | 19  |
| 2,216                       | 18  |
| 1,432                       | 25  |
| 1,987                       | 18  |
| 1,259                       | 25  |
| 1,580                       | 26  |
| 1,234                       | 30  |
| 1,656                       | 23  |

30 Days in August

| <b>daily high<br/>(degrees Fahrenheit)</b> | <b>energy consumed<br/>(kilowatt hours)</b> |
|--|---|
| 94   | 37  |
| 86   | 29  |
| 92   | 29  |
| 96   | 38  |
| 97   | 37  |
| 92   | 34  |
| 98   | 36  |
| 100  | 33  |
| 100  | 38  |
| 99   | 39  |
| 99   | 39  |
| 87   | 29  |
| 94   | 43  |
| 96   | 34  |
| 95   | 35  |
| 92   | 36  |
| 93   | 25  |
| 90   | 26  |
| 91   | 28  |
| 93   | 28  |
| 90   | 30  |
| 86   | 32  |
| 83   | 33  |
| 90   | 27  |
| 92   | 29  |
| 96   | 35  |
| 84   | 20  |
| 76   | 17  |
| 88   | 32  |
| 77   | 34  |

20 Used Cars

| price (dollars) | mileage (miles) |
|-----------------|-----------------|
| 7,599           | 121,000         |
| 11,998          | 70,000          |
| 8,998           | 126,000         |
| 8,998           | 104,000         |
| 10,998          | 69,000          |
| 12,998          | 55,000          |
| 12,998          | 52,000          |
| 14,998          | 23,000          |
| 18,998          | 47,000          |
| 17,998          | 46,000          |
| 14,998          | 23,000          |
| 12,998          | 29,000          |
| 13,599          | 25,000          |
| 15,599          | 2,000           |
| 13,599          | 28,000          |
| 16,998          | 17,000          |
| 16,599          | 12,000          |
| 17,000          | 15,000          |
| 15,998          | 16,000          |
| 16,599          | 9,000           |
| 20,998          | 13,000          |

20 Devices

| initial battery life (hours) | later battery life (hours) |
|------------------------------|----------------------------|
| 12.8                         | 12.5                       |
| 14.1                         | 12.6                       |
| 17.5                         | 14.7                       |
| 19.1                         | 16.1                       |
| 22.7                         | 17.8                       |
| 25.8                         | 25                         |
| 26.6                         | 21                         |
| 26.8                         | 21.5                       |
| 27.5                         | 22                         |
| 29                           | 25.7                       |
| 31                           | 27.6                       |
| 31                           | 24.3                       |
| 33.1                         | 26.8                       |
| 33.7                         | 29.5                       |
| 34.7                         | 29.3                       |
| 35.1                         | 29                         |
| 35.6                         | 31.7                       |
| 42                           | 34.8                       |
| 42.9                         | 37.1                       |
| 46.8                         | 41.1                       |