

In [ ]:

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
```

```
df = pd.read_csv('~\Desktop/
sitka_weather_07-2014_2.csv')
```

In [155]:

```
df.head()
```

Out[155]:

	<b>AKD T</b>	<b>Max TemperatureF</b>	<b>Mean TemperatureF</b>	<b>Min TemperatureF</b>
<b>0</b>	7/1/1 4	64	56	50
<b>1</b>	7/2/1 4	71	62	55
<b>2</b>	7/3/1 4	64	58	53
<b>3</b>	7/4/1 4	59	56	52
<b>4</b>	7/5/1 4	69	59	50

In [156]:

```
df.drop(columns=[ 'Mean TemperatureF' ])
```

Out[156]:

	<b>AKDT</b>	<b>Max TemperatureF</b>	<b>Min TemperatureF</b>
<b>0</b>	7/1/14	64	50
<b>1</b>	7/2/14	71	55

<b>2</b>	7/3/14	64	53
<b>3</b>	7/4/14	59	52
<b>4</b>	7/5/14	69	50
<b>5</b>	7/6/14	62	55
<b>6</b>	7/7/14	61	55
<b>7</b>	7/8/14	55	53
<b>8</b>	7/9/14	57	53
<b>9</b>	7/10/14	61	53
<b>10</b>	7/11/14	57	54
<b>11</b>	7/12/14	59	55
<b>12</b>	7/13/14	57	55
<b>13</b>	7/14/14	61	55
<b>14</b>	7/15/14	64	55
<b>15</b>	7/16/14	61	52
<b>16</b>	7/17/14	59	51
<b>17</b>	7/18/14	63	51
<b>18</b>	7/19/14	60	54
<b>19</b>	7/20/14	57	52
<b>20</b>	7/21/14	69	52
<b>21</b>	7/22/14	63	55
<b>22</b>	7/23/14	62	55
<b>23</b>	7/24/14	59	54

<b>24</b>	7/25/14	57	53
<b>25</b>	7/26/14	57	53
<b>26</b>	7/27/14	61	55
<b>27</b>	7/28/14	59	53
<b>28</b>	7/29/14	61	51
<b>29</b>	7/30/14	61	54
<b>30</b>	7/31/14	66	50

In [157]:

```
df.iloc[:,[0,1,3]]
```

Out[157]:

	<b>AKDT</b>	<b>Max TemperatureF</b>	<b>Min TemperatureF</b>
<b>0</b>	7/1/14	64	50
<b>1</b>	7/2/14	71	55
<b>2</b>	7/3/14	64	53
<b>3</b>	7/4/14	59	52
<b>4</b>	7/5/14	69	50
<b>5</b>	7/6/14	62	55
<b>6</b>	7/7/14	61	55
<b>7</b>	7/8/14	55	53
<b>8</b>	7/9/14	57	53
<b>9</b>	7/10/14	61	53
<b>10</b>	7/11/14	57	54
<b>11</b>	7/12/14	59	55

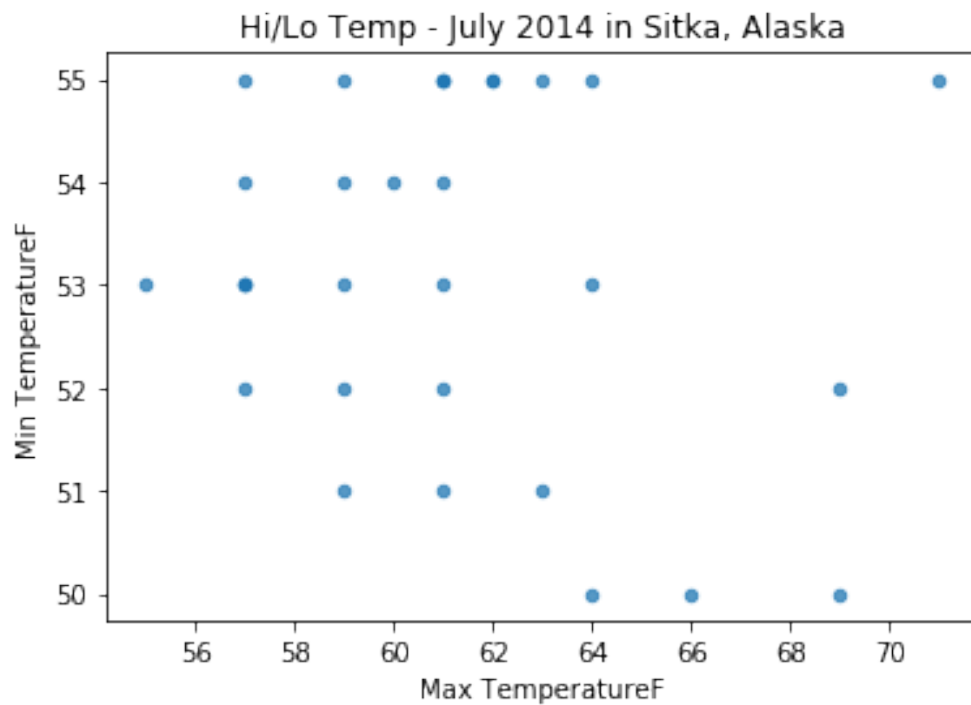
<b>12</b>	7/13/14	57	55
<b>13</b>	7/14/14	61	55
<b>14</b>	7/15/14	64	55
<b>15</b>	7/16/14	61	52
<b>16</b>	7/17/14	59	51
<b>17</b>	7/18/14	63	51
<b>18</b>	7/19/14	60	54
<b>19</b>	7/20/14	57	52
<b>20</b>	7/21/14	69	52
<b>21</b>	7/22/14	63	55
<b>22</b>	7/23/14	62	55
<b>23</b>	7/24/14	59	54
<b>24</b>	7/25/14	57	53
<b>25</b>	7/26/14	57	53
<b>26</b>	7/27/14	61	55
<b>27</b>	7/28/14	59	53
<b>28</b>	7/29/14	61	51
<b>29</b>	7/30/14	61	54
<b>30</b>	7/31/14	66	50

In [158]:

```
df.plot.scatter(x='Max TemperatureF',y='Min
TemperatureF',title='Hi/Lo Temp - July 2014 in
Sitka, Alaska',
               facecolor='y',alpha=0.75)
```

Out[158]:

<matplotlib.axes.\_subplots.AxesSubplot at 0x115a32fd0>



In [159]:

```
df.plot.hist(title='Hi/Low Temp - July 2014 in  
Sitka, Alaska')
```

Out[159]:

<matplotlib.axes.\_subplots.AxesSubplot at 0x1157e1a58>

Hi/Low Temp - July 2014 in Sitka, Alaska

