



### About Yearly Low Temperatures

The next two tables describe experiences with yearly low temperatures. The low temperature for the year defines in an important way how well tropical and semi-tropical plants will survive. Many varieties of healthy citrus trees will survive 22° with no damage, while papayas have trouble below 30° and mangoes at 26°. There are other issues related to this--how dormant the plant is, how healthy it is, how many hours the temperature stays at this number, and how thick the trees limbs are. The first table below describes the month of the year's lowest temperature and the second table describes what the temperature was.

Month of Min Temp	NWS 1998-07	AP 1998-07	AP 1997-07
	League City	Angleton	Sugar Land
November	0%	0%	0%
December	25%	50%	29%
January	45%	30%	33%
February	30%	20%	33%
March	0%	0%	4%
<b>Min Yearly Temperature</b>			
Min Yearly Temperature	NWS	AP	AP
	League City	Angleton	Sugar Land
Below 17°	0%	0%	0%
18-20	0%	10%	0%
21-23	10%	0%	14%
24-26	40%	50%	43%
27-29	30%	30%	29%
30-32	20%	10%	14%
Above 32	0%	0%	0%

### About Frosts in the Less Urban Near Coastal Zones

Knowing when the first and last freezes of the winter will occur at a location helps gardeners in many ways. If some of ones plants may be damaged, one can be ready to protect them. The number of frosts over the entire winter, by contrast, gives a measure of how frequently one may need to protect something. If you typically have 30 freezes, it is probably foolish to grow either papayas or tomatoes outside except in a hoop greenhouse. But if there are typically only one or two frosts or none, it can be worthwhile to protect a single plant planted in a north wind protected place outside. This zone has frequent mild freezes every winter with lows in the mid-twenties so many semi-tropical fruits are just possible in protected places.

	NWS 1998-07	AP 1998-07	AP 1997-07
<b>Freeze #s</b>	<b>League City</b>	<b>Angleton</b>	<b>Sugar Land</b>
none	0%	0%	0%
1 or 2	20%	0%	0%
3 to 7	40%	57%	33%
8 to 12	30%	29%	67%
13 to 19	10%	14%	0%
over 19	0%	0%	0%
<b>Freeze #s</b>			
	NWS 1998-07	AP 1998-07	AP 1997-07
<b>First Frost</b>	<b>League City</b>	<b>Angleton</b>	<b>Sugar Land</b>
Nov 1 to 15	0%	0%	0%
Nov 16-30	10%	20%	50%
Dec 1-15	50%	20%	33%
Dec 16-31	40%	50%	17%
Jan 1-15	0%	10%	0%
After Jan 15	0%	0%	0%
<b>First Frost</b>			
	NWS 1998-07	AP 1998-07	AP 1997-07
<b>Last Frost</b>	<b>League City</b>	<b>Angleton</b>	<b>Sugar Land</b>
Before Dec 16	0%	0%	0%
Dec 16-31	0%	0%	14%
Jan 1-15	0%	20%	0%
Jan 16-31	20%	30%	14%
Feb 1-14	40%	0%	14%
Feb 16-29	20%	10%	29%
Mar 1-15	20%	30%	14%
Mar 16-31	0%	10%	14%
After Mar 31	0%	0%	0%

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