

	Mon	Tue	Wed	Thur	Fri	Sat	Sun	SUM	
Observed	77	70	71	77	68	75	76		
Expected	78	72	72	75	71	76	78		
(O-E)	-1	-2	-1	2	-3	-1	-2		
(O-E)^2	1	4	1	4	9	1	4		
(O-E)^2/ E	0.012	0.055	0.013	0.053	0.126	0.013	0.051		
X^2								0.323	
	Chi Square Table-> https://www.di-mgt.com.au/chisquare-table.html								
		Alpha	0.05						
note [1]		Degrees of Freedom	6						
		Critical Chi-Square Value	12.5916						
		X^2	0.323						
H ₀ : ClearSkys' Forecast is accurate									
H _a : ClearSky's Forecast is inaccurate									
Since the critical value: 12.5916 is greater than X^2: .323, We can accept the Null Hypothesis.									

[1] When determining the Critical Chi-Square Value, we must subtract one of our days to establish our Degrees of Freedom: $(7-1)=6$