Table 1
Sun Centers with limb length=9 and scan width=10

Order of Polynomial	Amount of Blur	Threshold	X Center	Y Center	X Deviation	Y Deviation
1	None	1-σ	105.686	110.500	1.81226	-.00353241
	None	2-σ	105.754	111.681	1.74416	-1.18478
	1 Pixel	1-σ	105.190	110.995	2.30773	-.498283
	1 Pixel	2-σ	110.500	111.008	-3.00179	-.511391
	2 Pixel	1-σ	105.657	110.500	1.84131	-.00353241
	2 Pixel	2-σ	N/A	N/A	N/A	N/A
	4 Pixel	1-σ	105.191	110.500	2.30679	-.00353241
	4 Pixel	2-σ	N/A	N/A	N/A	N/A
2	None	1-σ	106.016	110.923	1.48178	-.426773
	None	2-σ	105.287	111.083	2.21106	-.587029
	1 Pixel	1-σ	105.190	111.019	2.30796	-.522530
	1 Pixel	2-σ	110.970	110.806	-3.47131	-.309723
	2 Pixel	1-σ	105.190	111.008	2.30773	-.511787
	2 Pixel	2-σ	N/A	N/A	N/A	N/A
	4 Pixel	1-σ	105.681	110.754	1.81726	-.257034
	4 Pixel	2-σ	N/A	N/A	N/A	N/A
3	None	1-σ	106.523	111.306	.974884	-.809280
	None	2-σ	105.439	110.723	2.05891	-.226288
	1 Pixel	1-σ	106.591	112.017	.906784	-1.52003
	1 Pixel	2-σ	111.003	111.237	-3.50490	-.740189
	2 Pixel	1-σ	105.886	111.890	1.61249	-1.39378
	2 Pixel	2-σ	N/A	N/A	N/A	N/A
	4 Pixel	1-σ	105.577	111.133	1.92130	-.636787
	4 Pixel	2-σ	N/A	N/A	N/A	N/A
4	None	1-σ	106.846	112.022	.652000	-1.52528
	None	2-σ	105.652	110.500	1.84631	-.00353241
	1 Pixel	1-σ	106.417	111.932	1.08130	-1.43504
	1 Pixel	2-σ	110.668	110.500	-3.16989	-.00353241
	2 Pixel	1-σ	106.034	111.903	1.46391	-1.40653
	2 Pixel	2-σ	N/A	N/A	N/A	N/A
	4 Pixel	1-σ	105.610	110.694	1.88797	-.197037
	4 Pixel	2-σ	N/A	N/A	N/A	N/A