Replace=FULL Radius=0 Maxclusters=20 Maxiter=1

Initial Seeds		
Cluster	VALP	HINCP
1	750.000	243700.000
2	800000.000	0.000
3	495000.000	25830.000
4	350000.000	585000.000
5	2267000.000	-5100.000
6	2267000.000	1019000.000
7	380.000	560300.000
8	2267000.000	337000.000
9	900000.000	290000.000
10	650000.000	676000.000
11	1175000.000	475000.000
12	1130000.000	52000.000
13	2267000.000	679230.000
14	600000.000	325000.000
15	300000.000	273900.000
16	120000.000	1425000.000
17	340000.000	1027000.000
18	175000.000	0.000
19	1000000.000	766000.000
20	950000.000	1106000.000

Criterion Based on Final Seeds =	51646.6

Cluster Summary						
Cluster	Frequency	RMS Std Deviation	Maximum Distance from Seed to Observation	Radius Exceeded	Nearest Cluster	Distance Between Cluster Centroids
1	4231	46640.2	188307		18	89569.3
2	6476	49096.0	178700		9	262105
3	5651	59779.8	172660		15	158451
4	274	77838.3	190008		7	263548
5	546	21084.4	139425		8	296727
6	14	50691.7	160182		13	347287
7	175	73943.8	241779		4	263548
8	122	68871.0	142423		13	229840
9	250	70719.3	186603		12	220759

Replace=FULL Radius=0 Maxclusters=20 Maxiter=1

Cluster	Frequency	RMS Std Deviation	Maximum Distance from Seed to Observation	Radius Exceeded	Nearest Cluster	Distance Between Cluster Centroids
10	206	81361.7	253435		19	286103
11	113	64945.8	189586		19	184475
12	1785	46846.4	217011		9	220759
13	75	57426.4	156428		8	229840
14	815	69716.2	187403		3	231455
15	5501	55792.7	195385		3	158451
16	50	77267.5	255462		17	586296
17	19	89327.6	227691		4	340544
18	23863	48772.2	158580		1	89569.3
19	37	78597.0	204107		11	184475
20	14	101357	186819		19	347965

7989 Observation(s) were omitted due to missing values.

Statistics for Variables				
Variable	Total STD	Within STD	R-Square	RSQ/(1-RSQ)
VALP	253558	60260	0.943547	16.713967
HINCP	86804	38368	0.804703	4.120407
OVER-ALL	177923	48885	0.924545	12.252869

Pseudo F Statistic =	32371.43

Approximate Expected Over-All R-Squared =	0.96938

Cubic Clustering Criterion =	-209.545

WARNING: The two values above are invalid for correlated variables.

Cluster Means		
Cluster	VALP	HINCP
1	55158.427	110829.962
2	733518.657	16365.632
3	412265.913	53765.639
4	374620.301	495636.472
5	2267000.000	70467.463
6	2267000.000	944321.500

Replace=FULL Radius=0 Maxclusters=20 Maxiter=1

Cluster Means		
Cluster	VALP	HINCP
7	113235.412	461939.035
8	2267000.000	367194.598
9	848062.222	252117.544
10	671859.296	544294.236
11	974558.140	479178.125
12	994139.535	86600.457
13	2267000.000	597034.813
14	555254.954	235769.620
15	285027.992	148196.664
16	109200.000	1365333.333
17	361105.263	835912.222
18	124952.119	54691.716
19	933909.091	659118.919
20	836785.714	993254.286

Cluster Standard Deviations		
Cluster	VALP	HINCP
1	44508.3217	48678.7415
2	67123.6465	17755.0881
3	77221.7036	34410.0809
4	80949.6151	74597.3182
5	0.0000	29817.8139
6	0.0000	71688.8646
7	57468.5263	87365.5115
8	0.0000	97398.3619
9	78451.2795	62031.0004
10	81263.3225	81460.0441
11	80725.9131	43809.0953
12	63254.4149	19699.0131
13	0.0000	81213.2573
14	74530.2555	64544.1312
15	53254.5115	58220.3087
16	35499.3533	103345.6982
17	74056.9561	102344.6071
18	60904.7284	32373.7613

Replace=FULL Radius=0 Maxclusters=20 Maxiter=1

Cluster Standard Deviations		
Cluster	VALP	HINCP
19	83343.5524	73544.7552
20	123966.6075	71964.3274

Replace=FULL Radius=0 Maxclusters=20 Maxiter=1

Nearest Cluster	Distance Between Cluster Centroids							
	1	2	3	4	5	6	7	8
1	.	684905.914	361638.069	500131.921	2212209.817	2363673.261	355879.919	2226649.045
2	684905.914	.	323422.457	598755.851	1534435.414	1792391.454	763732.258	1573100.758
3	361638.069	323422.457	.	443471.560	1854809.285	2057456.749	505988.894	1881030.634
4	500131.921	598755.851	443471.560	.	1939553.973	1944844.256	263548.055	1896733.571
5	2212209.817	1534435.414	1854809.285	1939553.973	.	873854.037	2189052.739	296727.135
6	2363673.261	1792391.454	2057456.749	1944844.256	873854.037	.	2207123.636	577126.902
7	355879.919	763732.258	505988.894	263548.055	2189052.739	2207123.636	.	2155847.492
8	2226649.045	1573100.758	1881030.634	1896733.571	296727.135	577126.902	2155847.492	.
9	805393.450	262105.308	478813.013	532399.025	1430517.798	1578775.074	764195.982	1423596.553
10	753797.877	531517.157	554983.810	301195.283	1664026.945	1644535.094	564661.867	1604941.789
11	990442.426	521819.352	705087.463	600163.551	1355525.864	1373595.400	861495.228	1297284.191
12	939293.665	269918.826	582799.311	742370.893	1272962.701	1534880.827	957533.875	1303421.204
13	2264649.708	1639738.311	1932661.359	1895094.338	526567.350	347286.687	2157997.398	229840.215
14	515467.219	282694.283	231454.779	316480.108	1719708.088	1852597.331	496521.782	1716782.930
15	232886.855	467464.755	158450.961	358805.243	1983495.619	2135890.399	357696.751	1994034.387
16	1255666.835	1486434.541	1346127.321	909296.743	2516501.234	2198488.527	903403.311	2377473.822
17	786986.499	900193.507	783818.020	340544.039	2053859.885	1908975.463	448659.568	1962684.631
18	89569.315	609772.186	287315.286	506721.303	2142105.972	2319441.803	407415.832	2164723.348
19	1035771.939	673266.748	799102.120	582692.424	1457272.078	1363257.820	844029.143	1364679.882
20	1178818.859	982331.679	1030949.067	679132.062	1702071.803	1431051.124	897675.295	1561237.853

Replace=FULL Radius=0 Maxclusters=20 Maxiter=1

Distance Between Cluster Centroids								
Nearest Cluster	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**
1	805393.450	753797.877	990442.426	939293.665	2264649.708	515467.219	232886.855	1255666.835
2	262105.308	531517.157	521819.352	269918.826	1639738.311	282694.283	467464.755	1486434.541
3	478813.013	554983.810	705087.463	582799.311	1932661.359	231454.779	158450.961	1346127.321
4	532399.025	301195.283	600163.551	742370.893	1895094.338	316480.108	358805.243	909296.743
5	1430517.798	1664026.945	1355525.864	1272962.701	526567.350	1719708.088	1983495.619	2516501.234
6	1578775.074	1644535.094	1373595.400	1534880.827	347286.687	1852597.331	2135890.399	2198488.527
7	764195.982	564661.867	861495.228	957533.875	2157997.398	496521.782	357696.751	903403.311
8	1423596.553	1604941.789	1297284.191	1303421.204	229840.215	1716782.930	1994034.387	2377473.822
9	.	341195.971	259918.688	220758.890	1460257.628	293263.279	572544.404	1336101.335
10	341195.971	.	309623.477	559775.087	1596012.353	329824.214	553653.091	995334.458
11	259918.688	309623.477	.	393065.716	1297804.362	484832.819	764853.288	1238594.269
12	220758.890	559775.087	393065.716	.	1371392.357	463541.923	711781.760	1555080.625
13	1460257.628	1596012.353	1297804.362	1371392.357	.	1749452.384	2032158.637	2290498.517
14	293263.279	329824.214	484832.819	463541.923	1749452.384	.	284062.728	1214446.049
15	572544.404	553653.091	764853.288	711781.760	2032158.637	284062.728	.	1229771.180
16	1336101.335	995334.458	1238594.269	1555080.625	2290498.517	1214446.049	1229771.180	.
17	760225.826	426156.214	709636.278	980918.198	1920806.384	630765.603	691910.717	586295.979
18	749576.666	734042.293	949746.862	869772.919	2209639.147	466850.872	185384.628	1310736.273
19	415956.493	286102.783	184475.024	575677.945	1334535.802	567982.028	825886.331	1085764.193
20	741222.524	478294.730	532217.568	920207.254	1484083.142	808110.505	1009236.825	817204.864

Replace=FULL Radius=0 Maxclusters=20 Maxiter=1

Nearest Cluster	Distance Between Cluster Centroids			
	17	18	19	20
1	786986.499	89569.315	1035771.939	1178818.859
2	900193.507	609772.186	673266.748	982331.679
3	783818.020	287315.286	799102.120	1030949.067
4	340544.039	506721.303	582692.424	679132.062
5	2053859.885	2142105.972	1457272.078	1702071.803
6	1908975.463	2319441.803	1363257.820	1431051.124
7	448659.568	407415.832	844029.143	897675.295
8	1962684.631	2164723.348	1364679.882	1561237.853
9	760225.826	749576.666	415956.493	741222.524
10	426156.214	734042.293	286102.783	478294.730
11	709636.278	949746.862	184475.024	532217.568
12	980918.198	869772.919	575677.945	920207.254
13	1920806.384	2209639.147	1334535.802	1484083.142
14	630765.603	466850.872	567982.028	808110.505
15	691910.717	185384.628	825886.331	1009236.825
16	586295.979	1310736.273	1085764.193	817204.864
17	.	816133.437	599466.510	501027.361
18	816133.437	.	1009823.562	1177967.217
19	599466.510	1009823.562	.	347964.644
20	501027.361	1177967.217	347964.644	.

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