

# GEOLOGIC ECONOMIC RESOURCE MODEL MODULE PSRK

Geologic Economic Resource Model (Ver 8.29.2005)

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The Current UAI AAAAABAC is for

World Level - World Level Resources  
Country Level - UNITED STATES OF AMERICA  
Region Level - MMS - ALASKA REGION  
Basin Level - BEAUFORT SHELF  
Play Level - Play 01 - Undeformed Pre-Miss. Basement  
Geologist Peter Johnson  
Remarks play 01 2005 assessment  
Run date Date 16-SEP-05 Time 08:43:17

## USER SUPPLIED PARAMETERS

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RECOVERABLE RESOURCES? > R

## B) Pool Size Distribution

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Z PROB.

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EXPECTATION = 8317.0

S.D. = 19713.

MU = 7.4511

SIG.SQ. = 3.7646

Prob. BOE (MBbl) Oil (MBbl) COil(MBbl) Gas (MMcf) SGas(MMcf)

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Mean	%	8317.0	3998.2	330.53	18067.	4347.2
TPF	100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02
TPF	99.00%	14.235	6.7182	0.53397	32.903	6.3406
TPF	98.00%	28.436	13.420	1.0666	65.728	12.666
TPF	97.00%	42.620	20.115	1.5987	98.514	18.984
TPF	96.00%	56.380	26.609	2.1149	130.32	25.113
TPF	95.00%	70.725	33.378	2.6529	163.47	31.502
TPF	90.00%	145.57	68.702	5.4605	336.48	64.841
TPF	85.00%	235.91	112.04	9.0166	538.51	106.97
TPF	80.00%	344.10	163.94	13.276	780.47	157.43
TPF	75.00%	470.11	224.23	18.164	1059.8	219.97
TPF	70.00%	628.09	299.82	24.293	1410.0	298.36
TPF	65.00%	825.72	394.54	31.796	1854.2	390.26
TPF	60.00%	1057.5	505.66	40.596	2375.3	498.06
TPF	55.00%	1359.4	651.34	52.599	3044.6	639.35
TPF	50.00%	1740.5	835.20	67.747	3889.1	817.67
TPF	45.00%	2243.9	1076.0	87.716	4982.0	1089.0
TPF	40.00%	2888.4	1384.2	113.28	6380.7	1436.3
TPF	35.00%	3790.3	1822.4	145.24	8443.6	1799.5
TPF	30.00%	5005.4	2412.9	188.31	11223.	2288.9

TPF	25.00%	6754.0	3249.9	263.41	14837.	3375.7
TPF	20.00%	9444.2	4537.8	378.95	20396.	5047.9
TPF	15.00%	13904.	6666.1	526.83	31315.	6402.5
TPF	10.00%	21870.	10468.	790.96	50817.	8822.0
TPF	5.00%	39766.	19289.	1535.5	85956.	20496.
TPF	4.00%	46553.	22634.	1817.8	99284.	24924.
TPF	3.00%	55461.	27025.	2188.5	0.11678E+06	30735.
TPF	2.00%	69876.	34130.	2788.2	0.14508E+06	40138.
TPF	1.00%	95911.	46964.	3871.3	0.19620E+06	57122.
TPF	0.10%	0.20548E+06	0.10098E+06	8430.0	0.41136E+06	0.12860E+06
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

C) No.of Pools Distribution

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Lower Support   =  0
Upper Support   = 17
Expectation     = 3.70
Standard Deviation= 2.59

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Rank 1 79.49% 27759. 40080.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)
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Mean	79.49%	27759.	13370.	1035.9	62379. 12663.
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02
TPF 99.00%	276.64	131.58	10.620	629.61	125.97
TPF 98.00%	494.42	235.86	19.107	1113.7	232.03
TPF 97.00%	702.73	335.59	27.126	1577.8	333.07
TPF 96.00%	898.77	429.56	34.569	2018.5	424.23
TPF 95.00%	1080.6	516.81	41.515	2426.6	508.87
TPF 90.00%	2041.6	979.20	79.689	4542.7	979.93
TPF 85.00%	3032.8	1454.4	118.39	6711.1	1494.4
TPF 80.00%	4153.6	1999.0	158.12	9274.5	1945.8
TPF 75.00%	5350.4	2578.1	203.12	11936.	2503.3
TPF 70.00%	6649.0	3199.7	258.90	14620.	3310.5
TPF 65.00%	8296.7	3988.5	329.66	18025.	4334.6
TPF 60.00%	10006.	4806.1	397.59	21773.	5218.7
TPF 55.00%	12193.	5849.5	470.09	27126.	5882.8
TPF 50.00%	14358.	6882.6	541.87	32426.	6540.3
TPF 45.00%	17546.	8404.2	647.59	40232.	7508.7
TPF 40.00%	20468.	9798.2	744.45	47383.	8396.0
TPF 35.00%	24776.	11900.	911.83	56522.	10717.
TPF 30.00%	30399.	14671.	1145.8	67563.	14385.
TPF 25.00%	35647.	17258.	1364.1	77869.	17809.
TPF 20.00%	41286.	20038.	1598.7	88942.	21488.
TPF 15.00%	51169.	24909.	2009.9	0.10835E+06	27935.
TPF 10.00%	66138.	32288.	2632.7	0.13774E+06	37700.
TPF 5.00%	93286.	45670.	3762.1	0.19105E+06	55410.
TPF 4.00%	0.11098E+06	54390.	4498.1	0.22579E+06	66950.
TPF 3.00%	0.13805E+06	67733.	5624.3	0.27894E+06	84609.
TPF 2.00%	0.16485E+06	80943.	6739.3	0.33156E+06	0.10209E+06
TPF 1.00%	0.19138E+06	94024.	7843.3	0.38367E+06	0.11940E+06
TPF 0.10%	0.40798E+06	0.20079E+06	16855.	0.80899E+06	0.26070E+06
TPF 0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 2 76.57% 7920.0 11548.

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	76.57%	7920.0	3808.1	313.48	17246.	4100.5
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	62.988	29.727	2.3627	145.59	28.056	
TPF 98.00%	119.35	56.326	4.4768	275.87	53.160	
TPF 97.00%	173.56	82.127	6.5622	399.07	77.894	
TPF 96.00%	226.52	107.54	8.6472	517.52	102.60	
TPF 95.00%	281.83	134.07	10.825	641.22	128.39	
TPF 90.00%	549.38	262.16	21.240	1235.5	259.31	
TPF 85.00%	832.93	398.00	32.069	1870.5	393.61	
TPF 80.00%	1135.8	543.43	43.708	2548.8	534.69	
TPF 75.00%	1472.5	705.90	57.094	3295.2	692.26	
TPF 70.00%	1842.7	884.08	71.801	4111.0	872.75	
TPF 65.00%	2253.1	1080.4	88.078	5001.8	1093.9	
TPF 60.00%	2729.8	1308.4	106.99	6036.6	1350.8	
TPF 55.00%	3284.4	1576.6	127.31	7286.5	1595.8	
TPF 50.00%	3889.8	1870.8	148.77	8671.1	1839.6	
TPF 45.00%	4631.3	2231.1	175.05	10367.	2138.2	
TPF 40.00%	5491.5	2645.6	209.18	12227.	2591.0	
TPF 35.00%	6486.0	3121.7	251.89	14283.	3209.2	
TPF 30.00%	7845.0	3772.2	310.26	17091.	4053.9	
TPF 25.00%	9342.5	4489.1	374.58	20186.	4984.7	
TPF 20.00%	11792.	5658.2	456.80	26144.	5761.0	
TPF 15.00%	14799.	7093.0	556.49	33505.	6674.2	
TPF 10.00%	19841.	9499.0	723.66	45848.	8205.5	
TPF 5.00%	30605.	14773.	1154.3	67967.	14520.	
TPF 4.00%	33767.	16332.	1285.9	74178.	16583.	
TPF 3.00%	37258.	18052.	1431.1	81032.	18860.	
TPF 2.00%	42620.	20696.	1654.2	91561.	22358.	
TPF 1.00%	53925.	26268.	2124.5	0.11376E+06	29733.	
TPF 0.10%	99397.	48682.	4016.4	0.20305E+06	59396.	
TPF 0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06	

Rank 3 68.74% 3305.1 5054.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	68.74%	3305.1	1586.7	128.05	7333.9	1604.1
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	24.022	11.337	0.90110	55.526	10.700	
TPF 98.00%	46.787	22.081	1.7550	108.15	20.840	
TPF 97.00%	68.551	32.353	2.5714	158.45	30.534	
TPF 96.00%	90.675	42.794	3.4013	209.59	40.389	
TPF 95.00%	112.06	52.886	4.2034	259.02	49.914	
TPF 90.00%	221.80	105.27	8.4611	506.95	100.39	
TPF 85.00%	340.13	162.03	13.119	771.58	155.58	
TPF 80.00%	465.24	221.90	17.975	1049.0	217.55	
TPF 75.00%	607.54	289.98	23.496	1364.4	288.17	
TPF 70.00%	768.55	367.14	29.625	1725.7	363.68	
TPF 65.00%	941.50	450.04	36.191	2114.5	444.10	

TPF	60.00%	1132.4	541.80	43.573	2541.4	533.10
TPF	55.00%	1349.2	646.40	52.192	3021.9	634.56
TPF	50.00%	1611.5	772.99	62.622	3603.4	757.34
TPF	45.00%	1912.7	917.57	74.578	4263.0	910.48
TPF	40.00%	2253.2	1080.4	88.085	5002.1	1094.0
TPF	35.00%	2686.1	1287.5	105.25	5941.7	1327.3
TPF	30.00%	3218.2	1544.5	124.97	7135.1	1569.1
TPF	25.00%	3868.0	1860.2	148.00	8621.4	1830.8
TPF	20.00%	4758.0	2292.7	179.54	10657.	2189.2
TPF	15.00%	6033.4	2905.0	232.46	13347.	2927.8
TPF	10.00%	8065.2	3877.7	319.72	17547.	4190.8
TPF	5.00%	12236.	5869.9	471.51	27230.	5895.8
TPF	4.00%	13526.	6485.8	514.30	30390.	6287.8
TPF	3.00%	15865.	7601.6	591.83	36114.	6997.9
TPF	2.00%	19040.	9117.0	697.12	43888.	7962.4
TPF	1.00%	25158.	12088.	927.74	57273.	10967.
TPF	0.10%	46640.	22677.	1821.5	99455.	24981.
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 4 55.49% 1699.2 2619.4

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	55.49%	1699.2	815.31	66.108	3797.8	798.38
TPF	100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02
TPF	99.00%	12.283	5.7967	0.46073	28.390	5.4710
TPF	98.00%	24.371	11.502	0.91416	56.331	10.855
TPF	97.00%	36.288	17.126	1.3612	83.878	16.164
TPF	96.00%	47.888	22.601	1.7963	110.69	21.330
TPF	95.00%	59.276	27.975	2.2235	137.01	26.403
TPF	90.00%	118.02	55.701	4.4272	272.80	52.571
TPF	85.00%	180.31	85.366	6.8279	414.17	81.043
TPF	80.00%	247.37	117.54	9.4678	564.14	112.32
TPF	75.00%	322.75	153.69	12.435	732.72	147.48
TPF	70.00%	404.60	192.88	15.623	914.58	187.46
TPF	65.00%	492.74	235.06	19.042	1110.0	231.20
TPF	60.00%	595.96	284.44	23.046	1338.8	282.42
TPF	55.00%	715.95	341.93	27.628	1607.5	339.22
TPF	50.00%	846.99	404.74	32.603	1902.1	400.15
TPF	45.00%	997.96	477.10	38.334	2241.4	470.35
TPF	40.00%	1179.5	564.51	45.445	2645.7	555.13
TPF	35.00%	1390.5	666.34	53.834	3113.4	653.89
TPF	30.00%	1658.4	795.62	64.486	3707.3	779.28
TPF	25.00%	2005.3	961.87	78.252	4464.0	960.40
TPF	20.00%	2453.3	1176.1	96.019	5436.3	1201.8
TPF	15.00%	3081.5	1478.0	120.12	6822.4	1514.0
TPF	10.00%	4107.0	1976.4	156.47	9168.0	1927.1
TPF	5.00%	6142.6	2957.3	237.15	13573.	2995.7
TPF	4.00%	6801.3	3272.6	265.44	14934.	3405.1
TPF	3.00%	7953.0	3823.9	314.90	17315.	4121.0
TPF	2.00%	9377.7	4505.9	376.09	20259.	5006.6
TPF	1.00%	12657.	6071.0	485.48	28262.	6023.7
TPF	0.10%	26765.	12880.	994.59	60428.	12015.
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 5 39.52% 1016.1 1531.7

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	39.52%	1016.1	485.82	39.025	2282.3	478.81
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	7.6163	3.5945	0.28569	17.605	3.3925	
TPF 98.00%	15.199	7.1732	0.57013	35.132	6.7700	
TPF 97.00%	22.755	10.739	0.85355	52.596	10.136	
TPF 96.00%	30.292	14.296	1.1363	70.018	13.493	
TPF 95.00%	37.808	17.843	1.4182	87.390	16.840	
TPF 90.00%	75.158	35.471	2.8192	173.72	33.477	
TPF 85.00%	114.37	53.975	4.2899	264.35	50.941	
TPF 80.00%	155.10	73.272	5.8355	357.78	69.284	
TPF 75.00%	202.32	95.926	7.6945	463.40	91.310	
TPF 70.00%	252.50	119.99	9.6696	575.61	114.71	
TPF 65.00%	309.79	147.48	11.925	703.75	141.43	
TPF 60.00%	371.74	177.16	14.348	841.75	171.15	
TPF 55.00%	440.56	210.09	17.018	994.29	205.30	
TPF 50.00%	521.37	248.75	20.153	1173.4	245.40	
TPF 45.00%	612.35	292.29	23.682	1375.1	290.55	
TPF 40.00%	726.57	347.02	28.032	1631.4	344.16	
TPF 35.00%	854.73	408.45	32.897	1919.5	403.75	
TPF 30.00%	1008.9	482.35	38.750	2266.0	475.44	
TPF 25.00%	1210.7	579.58	46.686	2714.9	569.75	
TPF 20.00%	1473.2	706.22	57.120	3296.6	692.57	
TPF 15.00%	1842.0	883.77	71.775	4109.6	872.40	
TPF 10.00%	2434.9	1167.3	95.289	5396.4	1191.9	
TPF 5.00%	3615.8	1737.6	139.05	8044.4	1729.2	
TPF 4.00%	4054.6	1950.9	154.61	9048.1	1906.0	
TPF 3.00%	4645.4	2237.9	175.55	10399.	2143.9	
TPF 2.00%	5558.6	2677.7	212.07	12366.	2632.7	
TPF 1.00%	7298.9	3510.8	286.81	15963.	3714.4	
TPF 0.10%	15300.	7331.9	573.09	34731.	6826.3	
TPF 0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06	

Rank 6 24.76% 679.18 988.23

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	24.76%	679.18	324.31	26.233	1524.8	322.12
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	5.3417	2.5210	0.20037	12.347	2.3793	
TPF 98.00%	10.682	5.0415	0.40070	24.691	4.7582	
TPF 97.00%	16.033	7.5669	0.60142	37.060	7.1416	
TPF 96.00%	21.393	10.096	0.80246	49.448	9.5288	
TPF 95.00%	26.766	12.632	1.0040	61.868	11.922	
TPF 90.00%	53.495	25.247	2.0066	123.65	23.828	
TPF 85.00%	81.628	38.524	3.0619	188.68	36.359	
TPF 80.00%	111.17	52.465	4.1700	256.96	49.517	
TPF 75.00%	141.33	66.699	5.3013	326.67	62.950	
TPF 70.00%	177.72	84.125	6.7261	408.38	79.836	
TPF 65.00%	216.02	102.50	8.2337	494.03	97.699	

TPF	60.00%	259.40	123.31	9.9415	591.05	117.93
TPF	55.00%	308.42	146.82	11.871	700.68	140.80
TPF	50.00%	362.01	172.51	13.971	820.18	166.33
TPF	45.00%	424.35	202.33	16.389	958.35	197.26
TPF	40.00%	495.28	236.27	19.141	1115.6	232.46
TPF	35.00%	583.31	278.39	22.556	1310.7	276.14
TPF	30.00%	691.00	329.97	26.681	1551.4	327.62
TPF	25.00%	821.60	392.57	31.639	1845.0	388.35
TPF	20.00%	993.17	474.80	38.152	2230.7	468.12
TPF	15.00%	1235.4	591.48	47.667	2769.6	581.29
TPF	10.00%	1613.0	773.70	62.680	3606.7	758.03
TPF	5.00%	2372.3	1137.4	92.807	5260.6	1158.2
TPF	4.00%	2647.9	1269.2	103.74	5858.8	1306.7
TPF	3.00%	3013.4	1445.0	117.71	6666.8	1486.6
TPF	2.00%	3604.0	1731.9	138.64	8017.4	1724.5
TPF	1.00%	4715.4	2272.0	178.03	10560.	2172.1
TPF	0.10%	9562.4	4594.2	382.87	20686.	5083.8
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 7 13.73% 492.05 688.49

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	13.73%	492.05	234.73	19.015	1108.4	230.85
TPF	100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02
TPF	99.00%	4.0572	1.9148	0.15219	9.3780	1.8072
TPF	98.00%	8.1201	3.8322	0.30459	18.769	3.6169
TPF	97.00%	12.203	5.7590	0.45773	28.205	5.4353
TPF	96.00%	16.302	7.6937	0.61150	37.681	7.2613
TPF	95.00%	20.419	9.6368	0.76594	47.198	9.0952
TPF	90.00%	41.311	19.497	1.5496	95.489	18.401
TPF	85.00%	62.416	29.457	2.3413	144.27	27.802
TPF	80.00%	85.386	40.298	3.2029	197.36	38.033
TPF	75.00%	109.48	51.670	4.1067	253.06	48.766
TPF	70.00%	134.44	63.449	5.0430	310.75	59.883
TPF	65.00%	163.45	77.277	6.1641	376.46	73.178
TPF	60.00%	196.11	92.947	7.4500	449.51	88.413
TPF	55.00%	230.35	109.37	8.7978	526.08	104.38
TPF	50.00%	272.46	129.57	10.456	620.26	124.02
TPF	45.00%	318.30	151.56	12.260	722.77	145.40
TPF	40.00%	371.13	176.87	14.324	840.39	170.85
TPF	35.00%	432.78	206.37	16.716	977.04	201.44
TPF	30.00%	507.87	242.30	19.629	1143.5	238.71
TPF	25.00%	602.04	287.35	23.282	1352.2	285.44
TPF	20.00%	730.00	348.67	28.162	1639.1	345.76
TPF	15.00%	900.59	430.43	34.638	2022.6	425.08
TPF	10.00%	1162.0	556.05	44.748	2606.8	546.93
TPF	5.00%	1680.5	806.27	65.363	3756.2	789.61
TPF	4.00%	1875.6	899.84	73.108	4182.5	890.51
TPF	3.00%	2134.8	1023.8	83.385	4745.0	1030.2
TPF	2.00%	2533.8	1214.6	99.212	5611.1	1245.2
TPF	1.00%	3297.2	1582.9	127.77	7315.9	1600.9
TPF	0.10%	6578.9	3166.1	255.89	14475.	3266.9
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 8 6.82% 377.48 508.24

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	6.82%	377.48	179.91	14.571	854.47	174.00
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	3.2464	1.5321	0.12177	7.5038	1.4460	
TPF 98.00%	6.4989	3.0672	0.24378	15.022	2.8948	
TPF 97.00%	9.7716	4.6117	0.36654	22.586	4.3525	
TPF 96.00%	13.065	6.1659	0.49007	30.198	5.8194	
TPF 95.00%	16.376	7.7285	0.61427	37.852	7.2942	
TPF 90.00%	33.244	15.690	1.2470	76.842	14.808	
TPF 85.00%	50.444	23.807	1.8922	116.60	22.469	
TPF 80.00%	68.487	32.322	2.5690	158.30	30.506	
TPF 75.00%	88.246	41.648	3.3102	203.98	39.307	
TPF 70.00%	108.96	51.424	4.0872	251.86	48.534	
TPF 65.00%	130.65	61.660	4.9008	301.99	58.194	
TPF 60.00%	155.08	73.262	5.8347	357.74	69.274	
TPF 55.00%	184.14	87.202	6.9786	422.73	82.828	
TPF 50.00%	215.00	102.01	8.1937	491.76	97.225	
TPF 45.00%	250.41	118.99	9.5874	570.94	113.74	
TPF 40.00%	293.04	139.45	11.266	666.29	133.62	
TPF 35.00%	339.51	161.74	13.095	770.21	155.30	
TPF 30.00%	398.55	189.99	15.388	901.17	184.46	
TPF 25.00%	465.84	222.19	17.998	1050.3	217.85	
TPF 20.00%	562.19	268.29	21.736	1263.9	265.66	
TPF 15.00%	692.16	330.53	26.725	1554.0	328.16	
TPF 10.00%	890.35	425.52	34.249	1999.5	420.31	
TPF 5.00%	1270.8	608.58	49.076	2848.1	597.88	
TPF 4.00%	1405.0	673.31	54.409	3145.5	660.65	
TPF 3.00%	1596.7	765.84	62.033	3570.5	750.40	
TPF 2.00%	1882.2	903.00	73.370	4196.9	894.07	
TPF 1.00%	2429.9	1164.9	95.092	5385.6	1189.2	
TPF 0.10%	4798.7	2312.4	180.98	10750.	2205.6	
TPF 0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06	

Rank 9 3.06% 301.44 391.63

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	3.06%	301.44	143.47	11.596	685.07	137.54
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	2.6869	1.2681	0.10079	6.2105	1.1968	
TPF 98.00%	5.3787	2.5385	0.20176	12.433	2.3958	
TPF 97.00%	8.0896	3.8178	0.30344	18.698	3.6033	
TPF 96.00%	10.820	5.1063	0.40585	25.009	4.8193	
TPF 95.00%	13.570	6.4041	0.50900	31.365	6.0442	
TPF 90.00%	27.608	13.029	1.0356	63.814	12.297	
TPF 85.00%	42.182	19.908	1.5823	97.500	18.789	
TPF 80.00%	56.948	26.876	2.1361	131.63	25.366	
TPF 75.00%	73.091	34.495	2.7417	168.94	32.556	
TPF 70.00%	90.642	42.778	3.4000	209.51	40.374	
TPF 65.00%	109.11	51.493	4.0927	252.19	48.599	

TPF	60.00%	128.62	60.700	4.8245	297.29	57.289
TPF	55.00%	150.11	70.880	5.6392	346.63	66.958
TPF	50.00%	176.82	83.691	6.6905	406.36	79.414
TPF	45.00%	205.55	97.472	7.8214	470.61	92.813
TPF	40.00%	236.88	112.50	9.0550	540.69	107.43
TPF	35.00%	277.85	132.16	10.668	632.30	126.54
TPF	30.00%	323.44	154.03	12.462	734.26	147.80
TPF	25.00%	380.27	181.24	14.679	860.65	175.38
TPF	20.00%	450.47	214.83	17.402	1016.3	210.22
TPF	15.00%	552.39	263.60	21.356	1242.2	260.80
TPF	10.00%	707.84	338.04	27.320	1589.3	335.45
TPF	5.00%	999.05	477.63	38.376	2243.9	470.86
TPF	4.00%	1100.4	526.35	42.301	2470.4	518.12
TPF	3.00%	1246.5	596.85	48.109	2794.2	586.50
TPF	2.00%	1460.4	700.07	56.613	3268.4	686.61
TPF	1.00%	1868.7	896.53	72.833	4167.5	886.77
TPF	0.10%	3634.9	1746.9	139.73	8088.2	1736.9
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 10 1.24% 247.58 311.56

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	1.24%	247.58	117.64	9.4761	564.61	112.42
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	2.2727	1.0726	0.85251E-01	5.2532	1.0123	
TPF 98.00%	4.5488	2.1468	0.17063	10.514	2.0262	
TPF 97.00%	6.8423	3.2292	0.25666	15.816	3.0477	
TPF 96.00%	9.1536	4.3200	0.34336	21.158	4.0772	
TPF 95.00%	11.483	5.4193	0.43073	26.542	5.1147	
TPF 90.00%	23.399	11.043	0.87771	54.085	10.422	
TPF 85.00%	35.810	16.900	1.3432	82.771	15.950	
TPF 80.00%	48.592	22.933	1.8227	112.32	21.644	
TPF 75.00%	62.007	29.264	2.3259	143.33	27.619	
TPF 70.00%	76.717	36.206	2.8777	177.32	34.171	
TPF 65.00%	92.649	43.725	3.4753	214.15	41.268	
TPF 60.00%	109.55	51.700	4.1091	253.21	48.794	
TPF 55.00%	127.56	60.201	4.7848	294.84	56.818	
TPF 50.00%	147.15	69.460	5.5226	340.01	65.577	
TPF 45.00%	172.35	81.547	6.5145	396.36	77.329	
TPF 40.00%	199.82	94.726	7.5960	457.80	90.143	
TPF 35.00%	230.12	109.26	8.7888	525.57	104.27	
TPF 30.00%	269.59	128.20	10.343	613.84	122.68	
TPF 25.00%	315.96	150.44	12.168	717.53	144.31	
TPF 20.00%	374.71	178.58	14.463	848.33	172.63	
TPF 15.00%	452.37	215.74	17.476	1020.5	211.17	
TPF 10.00%	576.24	275.01	22.281	1295.1	272.63	
TPF 5.00%	811.49	387.72	31.255	1822.3	383.65	
TPF 4.00%	895.47	427.98	34.443	2011.0	422.69	
TPF 3.00%	1002.2	479.13	38.495	2250.9	472.32	
TPF 2.00%	1170.4	560.13	45.084	2625.6	550.89	
TPF 1.00%	1486.5	712.66	57.651	3326.2	698.82	
TPF 0.10%	2820.1	1351.5	110.57	6232.4	1399.4	
TPF 0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06	



Rank 11 0.46% 207.54 253.98

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.46%	207.54	98.429	7.8999	475.07	93.744
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	1.9506	0.92059	0.73169E-01	4.5087	0.86885	
TPF 98.00%	3.9031	1.8421	0.14641	9.0218	1.7385	
TPF 97.00%	5.8714	2.7710	0.22024	13.571	2.6152	
TPF 96.00%	7.8557	3.7075	0.29467	18.158	3.4991	
TPF 95.00%	9.8565	4.6517	0.36972	22.783	4.3903	
TPF 90.00%	20.109	9.4904	0.75430	46.481	8.9570	
TPF 85.00%	30.814	14.543	1.1558	71.224	13.725	
TPF 80.00%	42.021	19.832	1.5762	97.128	18.717	
TPF 75.00%	53.465	25.233	2.0055	123.58	23.814	
TPF 70.00%	65.904	31.103	2.4721	152.33	29.355	
TPF 65.00%	79.575	37.555	2.9849	183.93	35.444	
TPF 60.00%	94.341	44.524	3.5388	218.06	42.021	
TPF 55.00%	110.13	51.976	4.1311	254.56	49.055	
TPF 50.00%	127.12	59.995	4.7685	293.84	56.623	
TPF 45.00%	145.55	68.692	5.4597	336.43	64.831	
TPF 40.00%	169.89	80.367	6.4177	390.86	76.182	
TPF 35.00%	196.85	93.299	7.4789	451.15	88.756	
TPF 30.00%	227.16	107.84	8.6722	518.94	102.89	
TPF 25.00%	267.09	126.99	10.244	608.24	121.52	
TPF 20.00%	316.28	150.59	12.181	718.26	144.46	
TPF 15.00%	382.40	182.26	14.761	865.37	176.44	
TPF 10.00%	478.06	228.03	18.472	1077.4	223.91	
TPF 5.00%	671.41	320.58	25.938	1507.4	318.51	
TPF 4.00%	740.68	353.78	28.567	1663.1	350.72	
TPF 3.00%	826.80	395.06	31.837	1856.7	390.77	
TPF 2.00%	961.90	459.82	36.965	2160.4	453.59	
TPF 1.00%	1211.3	579.86	46.709	2716.2	570.02	
TPF 0.10%	2260.9	1084.1	88.388	5018.7	1098.1	
TPF 0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06	

Rank 12 0.15% 176.78 211.15

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.15%	176.78	83.675	6.6892	406.28	79.398
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	1.6929	0.79896	0.63502E-01	3.9130	0.75406	
TPF 98.00%	3.3862	1.5981	0.12702	7.8269	1.5083	
TPF 97.00%	5.0938	2.4040	0.19107	11.774	2.2689	
TPF 96.00%	6.8159	3.2167	0.25567	15.754	3.0360	
TPF 95.00%	8.5529	4.0365	0.32083	19.769	3.8097	
TPF 90.00%	17.467	8.2433	0.65519	40.373	7.7801	
TPF 85.00%	26.791	12.644	1.0049	61.925	11.933	
TPF 80.00%	36.571	17.260	1.3718	84.531	16.289	
TPF 75.00%	46.742	22.060	1.7533	108.04	20.820	
TPF 70.00%	57.341	27.062	2.1509	132.54	25.541	
TPF 65.00%	69.022	32.575	2.5891	159.54	30.744	

TPF	60.00%	81.947	38.674	3.0739	189.41	36.501
TPF	55.00%	95.883	45.252	3.5966	221.63	42.708
TPF	50.00%	110.92	52.349	4.1607	256.39	49.407
TPF	45.00%	127.28	60.068	4.7742	294.19	56.692
TPF	40.00%	145.24	68.544	5.4479	335.70	64.691
TPF	35.00%	169.25	80.063	6.3928	389.44	75.887
TPF	30.00%	196.44	93.105	7.4630	450.25	88.567
TPF	25.00%	227.78	108.14	8.6965	520.32	103.18
TPF	20.00%	270.71	128.73	10.387	616.34	123.21
TPF	15.00%	326.00	155.25	12.563	739.99	148.99
TPF	10.00%	409.35	195.16	15.807	925.10	189.81
TPF	5.00%	565.32	269.79	21.858	1270.9	267.22
TPF	4.00%	617.17	294.59	23.869	1385.8	292.95
TPF	3.00%	695.28	332.02	26.844	1561.0	329.61
TPF	2.00%	804.24	384.25	30.980	1806.0	380.28
TPF	1.00%	1004.5	480.22	38.581	2256.1	473.38
TPF	0.10%	1852.5	888.79	72.191	4132.3	878.05
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 13 0.04% 152.63 178.43

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.04%	152.63	72.086	5.7382	352.26	68.131
TPF	100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02
TPF	99.00%	1.4837	0.70021	0.55653E-01	3.4294	0.66086
TPF	98.00%	2.9664	1.4000	0.11127	6.8566	1.3213
TPF	97.00%	4.4621	2.1059	0.16738	10.314	1.9875
TPF	96.00%	5.9710	2.8180	0.22397	13.801	2.6596
TPF	95.00%	7.4933	3.5364	0.28108	17.320	3.3377
TPF	90.00%	15.315	7.2279	0.57448	35.400	6.8217
TPF	85.00%	23.507	11.094	0.88176	54.335	10.471
TPF	80.00%	32.118	15.158	1.2047	74.237	14.306
TPF	75.00%	41.195	19.442	1.5453	95.220	18.349
TPF	70.00%	50.562	23.863	1.8966	116.87	22.522
TPF	65.00%	60.650	28.624	2.2750	140.19	27.015
TPF	60.00%	71.734	33.854	2.6908	165.81	31.952
TPF	55.00%	84.114	39.697	3.1551	194.42	37.466
TPF	50.00%	97.503	46.016	3.6574	225.37	43.430
TPF	45.00%	112.10	52.905	4.2049	259.11	49.932
TPF	40.00%	128.17	60.490	4.8078	296.26	57.090
TPF	35.00%	146.19	68.997	5.4847	337.86	65.128
TPF	30.00%	170.67	80.740	6.4483	392.60	76.545
TPF	25.00%	198.98	94.322	7.5629	455.92	89.750
TPF	20.00%	232.73	110.51	8.8913	531.39	105.49
TPF	15.00%	282.52	134.40	10.852	642.75	128.71
TPF	10.00%	351.63	167.54	13.568	797.15	161.17
TPF	5.00%	480.41	229.16	18.564	1082.6	225.08
TPF	4.00%	528.82	252.32	20.442	1189.9	249.10
TPF	3.00%	589.40	281.31	22.792	1324.2	279.17
TPF	2.00%	682.36	325.83	26.353	1532.0	323.60
TPF	1.00%	851.20	406.76	32.763	1911.5	402.11
TPF	0.10%	1542.3	739.57	59.868	3449.9	724.92
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 14 0.01% 133.27 152.79

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
-----	-----	-----	-----	-----	-----	
Mean	0.01%	133.27	62.898	4.9992	308.05	59.363
TPF	100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02
TPF	99.00%	1.3122	0.61929	0.49222E-01	3.0331	0.58448
TPF	98.00%	2.6223	1.2376	0.98363E-01	6.0612	1.1680
TPF	97.00%	3.9441	1.8614	0.14795	9.1165	1.7568
TPF	96.00%	5.2780	2.4909	0.19798	12.200	2.3509
TPF	95.00%	6.6240	3.1262	0.24847	15.311	2.9505
TPF	90.00%	13.546	6.3932	0.50813	31.311	6.0338
TPF	85.00%	20.805	9.8187	0.78040	48.089	9.2669
TPF	80.00%	28.447	13.425	1.0671	65.752	12.671
TPF	75.00%	36.510	17.231	1.3695	84.391	16.263
TPF	70.00%	44.988	21.232	1.6875	103.99	20.039
TPF	65.00%	53.820	25.400	2.0188	124.40	23.973
TPF	60.00%	63.564	29.999	2.3843	146.92	28.313
TPF	55.00%	74.317	35.074	2.7877	171.78	33.102
TPF	50.00%	86.306	40.732	3.2374	199.49	38.443
TPF	45.00%	99.403	46.913	3.7287	229.76	44.276
TPF	40.00%	113.85	53.732	4.2707	263.16	50.712
TPF	35.00%	129.99	61.350	4.8762	300.47	57.902
TPF	30.00%	148.89	70.294	5.5911	343.90	66.388
TPF	25.00%	174.55	82.602	6.6012	401.28	78.356
TPF	20.00%	205.24	97.324	7.8092	469.92	92.669
TPF	15.00%	245.22	116.51	9.3833	559.34	111.32
TPF	10.00%	307.69	146.47	11.842	699.05	140.45
TPF	5.00%	418.96	199.75	16.180	946.41	194.58
TPF	4.00%	454.92	216.96	17.575	1026.1	212.43
TPF	3.00%	507.69	242.21	19.622	1143.1	238.62
TPF	2.00%	584.73	279.07	22.611	1313.9	276.85
TPF	1.00%	729.83	348.58	28.155	1638.7	345.67
TPF	0.10%	1296.3	620.88	50.089	2904.7	609.81
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 15 0.00% 117.24 131.85

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	117.24	55.330	4.3977	270.99	52.221
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	1.1691	0.55176	0.43854E-01	2.7023	0.52075	
TPF 98.00%	2.3350	1.1020	0.87589E-01	5.3973	1.0401	
TPF 97.00%	3.5116	1.6573	0.13172	8.1169	1.5642	
TPF 96.00%	4.6991	2.2177	0.17627	10.862	2.0931	
TPF 95.00%	5.8977	2.7834	0.22122	13.632	2.6269	
TPF 90.00%	12.065	5.6939	0.45256	27.887	5.3739	
TPF 85.00%	18.539	8.7496	0.69542	42.852	8.2578	
TPF 80.00%	25.360	11.969	0.95127	58.618	11.296	
TPF 75.00%	32.568	15.370	1.2216	75.279	14.506	
TPF 70.00%	40.215	18.979	1.5085	92.954	17.913	
TPF 65.00%	48.195	22.745	1.8078	111.40	21.467	

TPF	60.00%	56.678	26.749	2.1260	131.01	25.246
TPF	55.00%	66.194	31.240	2.4830	153.00	29.484
TPF	50.00%	76.771	36.232	2.8797	177.45	34.196
TPF	45.00%	88.557	41.794	3.3218	204.69	39.445
TPF	40.00%	101.58	47.941	3.8104	234.80	45.247
TPF	35.00%	116.16	54.820	4.3571	268.49	51.739
TPF	30.00%	132.74	62.645	4.9790	306.81	59.124
TPF	25.00%	153.35	72.432	5.7665	353.87	68.467
TPF	20.00%	181.25	85.816	6.8649	416.26	81.480
TPF	15.00%	216.32	102.64	8.2454	494.69	97.837
TPF	10.00%	269.67	128.23	10.346	614.02	122.72
TPF	5.00%	365.56	174.21	14.108	828.04	168.09
TPF	4.00%	398.92	190.16	15.402	901.98	184.64
TPF	3.00%	440.92	210.26	17.032	995.10	205.48
TPF	2.00%	505.45	241.14	19.535	1138.1	237.51
TPF	1.00%	622.59	297.19	24.080	1397.8	295.64
TPF	0.10%	1098.7	525.53	42.233	2466.6	517.33
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 16 0.00% 102.55 113.08

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
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Mean	0.00%	102.55	48.400	3.8469	237.05	45.680
TPF	100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02
TPF	99.00%	1.0393	0.49049	0.38985E-01	2.4023	0.46293
TPF	98.00%	2.0743	0.97895	0.77807E-01	4.7945	0.92393
TPF	97.00%	3.1187	1.4719	0.11699	7.2087	1.3892
TPF	96.00%	4.1729	1.9694	0.15653	9.6453	1.8587
TPF	95.00%	5.2369	2.4716	0.19644	12.105	2.3326
TPF	90.00%	10.713	5.0558	0.40184	24.762	4.7717
TPF	85.00%	16.465	7.7707	0.61762	38.058	7.3340
TPF	80.00%	22.525	10.630	0.84492	52.064	10.033
TPF	75.00%	28.934	13.655	1.0853	66.879	12.888
TPF	70.00%	35.733	16.864	1.3404	82.594	15.916
TPF	65.00%	42.973	20.281	1.6120	99.330	19.141
TPF	60.00%	50.514	23.840	1.8948	116.76	22.500
TPF	55.00%	58.740	27.722	2.2034	135.77	26.164
TPF	50.00%	67.943	32.065	2.5486	157.04	30.263
TPF	45.00%	78.337	36.971	2.9385	181.07	34.893
TPF	40.00%	89.970	42.461	3.3748	207.96	40.075
TPF	35.00%	103.01	48.613	3.8638	238.09	45.881
TPF	30.00%	117.86	55.622	4.4209	272.42	52.496
TPF	25.00%	135.16	63.787	5.0698	312.41	60.202
TPF	20.00%	158.10	74.713	5.9538	364.50	70.685
TPF	15.00%	189.75	89.895	7.1996	435.28	85.446
TPF	10.00%	233.06	110.67	8.9046	532.14	105.65
TPF	5.00%	317.25	151.06	12.219	720.42	144.91
TPF	4.00%	343.54	163.67	13.254	779.22	157.18
TPF	3.00%	382.14	182.14	14.751	864.80	176.31
TPF	2.00%	435.22	207.54	16.811	982.46	202.66
TPF	1.00%	535.46	255.50	20.699	1204.7	252.40
TPF	0.10%	934.51	446.69	35.926	2098.8	440.85
TPF	0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06

Rank 17 0.00% 84.739 92.783

Prob.	BOE (MBbl)	Oil (MBbl)	COil(MBbl)	Gas (MMcf)	SGas(MMcf)	
Mean	0.00%	84.739	39.992	3.1786	195.87	37.745
TPF 100.00%	0.13655E-01	0.64445E-02	0.51221E-03	0.31563E-01	0.60823E-02	
TPF 99.00%	0.85417	0.40312	0.32041E-01	1.9744	0.38047	
TPF 98.00%	1.7027	0.80359	0.63870E-01	3.9357	0.75843	
TPF 97.00%	2.5595	1.2079	0.96007E-01	5.9160	1.1400	
TPF 96.00%	3.4245	1.6162	0.12846	7.9156	1.5254	
TPF 95.00%	4.2982	2.0285	0.16123	9.9349	1.9145	
TPF 90.00%	8.8004	4.1533	0.33011	20.341	3.9199	
TPF 85.00%	13.545	6.3923	0.50806	31.307	6.0330	
TPF 80.00%	18.553	8.7558	0.69592	42.883	8.2637	
TPF 75.00%	23.863	11.262	0.89513	55.159	10.629	
TPF 70.00%	29.517	13.931	1.1072	68.227	13.148	
TPF 65.00%	35.559	16.782	1.3338	82.192	15.839	
TPF 60.00%	42.055	19.848	1.5775	97.208	18.732	
TPF 55.00%	48.889	23.073	1.8339	113.00	21.776	
TPF 50.00%	56.316	26.578	2.1125	130.17	25.084	
TPF 45.00%	64.822	30.592	2.4315	149.83	28.873	
TPF 40.00%	74.426	35.125	2.7918	172.03	33.151	
TPF 35.00%	85.524	40.363	3.2080	197.68	38.094	
TPF 30.00%	98.227	46.358	3.6846	227.04	43.753	
TPF 25.00%	113.10	53.379	4.2426	261.43	50.379	
TPF 20.00%	131.10	61.870	4.9175	303.02	58.393	
TPF 15.00%	155.68	73.551	5.8584	359.08	69.555	
TPF 10.00%	193.76	91.820	7.3576	444.26	87.318	
TPF 5.00%	260.93	124.04	10.002	594.48	118.65	
TPF 4.00%	284.59	135.39	10.933	647.39	129.68	
TPF 3.00%	314.64	149.80	12.116	714.58	143.69	
TPF 2.00%	358.11	170.64	13.819	811.53	164.39	
TPF 1.00%	438.11	208.92	16.923	988.86	204.09	
TPF 0.10%	762.14	364.07	29.382	1711.3	360.70	
TPF 0.00%	0.46341E+06	0.22811E+06	19161.	0.91783E+06	0.29686E+06	