Table Statistics of PAR (Mean/Standard Deviation/Minimum/Maximum/Count) over the Black Sea based on merge ocean color scanners OCTS, SeaWiFS, MODIS-Aqua/Terra during 1996-2014

unit(PAR) = [E m-2 day-1]

month	Sequent day in year	%, cloudy				
		0-20	20-40	40-60	60-80	80-100
Jan	1-10	16.0/0.4/15.7/16.3/2	14.2/0.2/14.0/14.3/2	13.2/1.1/10.8/15.0/22	11.4/1.6/7.7/15.0/43	7.6/2.5/2.9/14.4/192
	11-20	../../../../0	15.7/1.0/14.0/17.0/9	14.6/1.3/11.6/17.2/30	12.6/1.7/9.0/17.3/47	8.4/2.7/2.1/14.9/191
	21-31	18.8/0.9/17.7/19.8/4	18.4/1.2/16.5/20.2/8	16.6/1.3/14.5/18.9/19	14.0/1.7/10.4/17.3/37	9.1/3.1/2.5/16.9/224
Feb	32-41	21.1/2.6/19.3/23.0/2	21.4/1.4/19.1/23.8/14	18.5/1.5/15.8/21.2/21	16.6/2.0/12.6/22.6/43	11.7/3.6/3.2/22.1/182
	42-51	25.6/1.3/24.3/26.9/4	25.3/1.5/22.5/27.2/9	22.2/2.3/16.9/26.1/22	18.9/2.9/13.3/24.8/51	13.3/4.1/3.5/24.3/184
	52-59	28.6/1.5/27.0/29.9/3	27.7/1.7/24.9/29.8/10	25.4/2.0/20.3/28.1/21	21.9/2.6/15.6/26.3/32	15.4/4.8/5.7/27.6/150
Mar	60-69	31.0/1.1/29.6/33.2/10	30.6/2.1/27.3/34.6/14	28.5/2.0/23.9/32.3/35	25.0/3.1/19.0/31.4/53	18.0/5.9/6.0/30.0/162
	70-79	36.4/1.1/34.4/37.9/13	35.0/1.5/33.0/37.8/16	31.9/3.0/25.8/38.5/46	27.3/3.4/18.7/34.5/52	20.9/5.5/8.5/36.2/150
	80-90	40.5/1.5/38.4/43.2/13	38.1/1.9/34.7/41.2/26	36.3/3.2/27.85/41.6/43	33.0/4.0/22.7/42.4/63	24.9/7.3/7.1/40.2/138
Apr	91-100	43.7/1.6/41.6/46.8/16	43.1/2.0/38.5/45.9/28	39.9/3.1/31.8/43.9/36	36.3/4.4/28.9/43.8/57	27.4/7.6/10.3/44.6/142
	101-110	48.1/1.4/45.6/49.5/8	45.1/1.9/42.2/48.4/22	43.2/2.9/36.2/47.7/49	38.2/4.3/27.4/46.4/64	31.9/6.9/14.2/46.4/131
	111-120	51.1/1.1/49.1/53.0/24	49.2/1.9/45.0/53.0/41	46.6/2.7/39.0/51.9/73	41.0/4.4/29.7/48.5/57	33.9/8.4/12.1/48.9/74
May	121-130	54.1/1.3/50.1/55.6/28	52.2/1.6/47.7/56.1/43	48.4/3.1/41.8/55.2/52	46.1/4.5/31.7/55/61	35.7/7.7/18.6/53.7/94
	131-140	56.7/0.8/55.2/58.2/35	54.3/2.1/45.0/57.1/59	51.8/3.8/36.9/57.2/62	46.7/4.3/35.8/55.6/58	40.2/9.2/16.0/53.0/59
	141-151	58.4/0.9/56.1/59.8/31	56.6/2.1/46.7/59.0/46	53.1/3.3/39.0/58.3/66	49.5/5.0/33.3/58.4/70	43.5/6.7/27.9/55.8/86
Jun	152-161	60.1/0.6/57.6/60.9/46	57.7/1.8/53.1/60.2/43	54.8/3.3/43.8/59.5/70	49.9/4.7/35.4/57.9/51	43.6/9.0/20.0/56.6/62
	162-171	60.4/0.8/57.6/61.6/63	58.3/1.9/51.7/61.4/61	55.6/3.0/47.1/60.3/61	51.0/4.9/41.1/59.5/38	42.5/9.2/21.4/60.1/35
	172-181	60.7/0.6/59.4/61.7/65	58.1/1.8/50.7/61.1/73	55.3/3.3/46.5/60.8/52	50.2/4.4/40.0/57.9/38	44.0/7.8/28.8/59.4/23
Jul	182-191	60.1/0.5/58.8/60.9/62	58.0/1.8/53.4/60.7/90	55.4/3.4/45.7/61.0/65	48.4/6.4/34.5/57.1/22	42.2/10.7/15.9/58.0/19
	192-201	58.8/0.9/54.8/60.3/61	56.8/2.4/48.8/60.2/73	54.5/2.7/45.7/59.9/53	51.6/4.4/40.7/57.8/40	45.2/7.3/29.0/54.7/30
	202-212	57.4/0.8/55.2/58.9/85	55.4/1.8/50.8/58.1/68	53.1/2.8/45.9/57.0/53	50.9/5.0/36.0/56.7/48	46.0/6.9/30.4/56.7/40
Aug	213-222	54.6/0.9/52.3/56.4/50	52.9/2.0/48.0/55.4/64	51.5/3.0/44.4/55.9/54	48.9/4.3/36.9/55.2/42	45.3/5.4/32.7/54.9/32
	223-232	51.9/1.0/50.2/53.7/40	50.9/1.7/46.1/53.6/60	48.9/2.9/42.3/53.3/67	45.7/4.7/35.6/53.1/47	42.1/9.4/1.8/52.5/37
	233-243	48.6/1.2/45.8/50.8/69	47.5/1.7/42.2/50.8/76	45.9/2.7/39.7/50.8/61	42.1/4.8/32.6/50.6/37	39.8/6.7/23.0/49.7/57
Sept	244-253	45.0/0.8/43.5/46.1/23	43.6/2.2/35.8/46.8/57	41.2/2.6/34.4/46.3/62	38.2/4.1/28.2/45.5/68	33.0/6.5/18.6/44.3/52
	254-263	41.7/1.1/38.8/43.7/42	40.2/1.8/35.2/43.2/64	37.1/2.2/31.5/40.7/55	34.8/3.9/26.7/40.5/48	29.3/6.2/13.6/39.7/67
	264-273	37.2/1.1/34.6/39.3/29	36.5/1.7/31.6/40.0/42	33.6/2.6/27.9/39.1/34	30.9/3.8/23.5/37.5/68	25.5/6.3/11.5/37.4/106
Oct	274-283	33.8/1.0/32.3/35.9/15	32.6/1.6/29.2/35.5/39	31.1/2.0/26/34.7/54	27.7/3.3/17.9/35.3/73	23.0/6.0/7.5/33.5/98
	284-293	29.1/1.1/27.5/31.1/11	28.1/1.5/25.5/30.4/24	27.2/2.0/21.8/30.5/38	23.8/3.4/17.4/31.7/57	17.9/5.3/6.9/29.9/141
	294-304	27.0/1.2/24.8/28.2/7	24.9/1.4/21.1/26.7/21	23.1/1.7/19.9/25.7/40	20.2/2.7/14.2/26.4/72	15.4/4.6/5.1/25.4/162
Nov	305-314	21.5/1.0/19.9/23.3/13	21.4/1.2/19.3/22.9/21	20.2/1.9/15.0/24.6/51	16.9/2.5/9.0/21.6/56	13.0/4.0/3.3/21.9/148
	315-324	19.5/1.2/18.7/20.4/2	18.9/0.8/17.0/20.3/16	17.0/1.4/14.6/20.2/31	15.3/2.1/10.1/19.5/45	10.9/3.4/0.39/20.1/163
	325-334	17.5/1.5/16.4/18.6/2	16.3/0.7/15.0/17.4/9	15.2/1.3/13.1/18.6/22	13.0/1.7/9.2/16.8/59	9.1/3.0/2.7/17.7/170
Dec	335-344	16.1/../16.1/16.1/1	15.4/1.3/13.2/16.8/6	14.3/1.3/11.7/16.7/17	12.0/1.7/7.8/15.1/48	7.9/2.7/2.5/15.6/192
	345-354	13.8/Nan/13.8/13.8/1	13.8/0.4/13.2/14.2/6	12.9/1.2/11.0/14.6/17	10.8/1.5/7.8/13.8/42	7.3/2.5/2.0/14.6/194
	355-365(366)	14.4/Nan/14.4/14.4/1	13.8/0.8/12.3/15.1/13	12.7/1.0/10.6/14.3/23	10.9/1.5/7.8/13.8/51	7.1/2.6/0.25/14.9/213

Data source: /home/slava/Docs/Reports/2014/PAR/Percent.Cloud.PAR.BS/Stat file mt.sort.ods

Выделить наиболее вероятный сценарий для Черного моря (ФАР и вероятность от времени года==декады) и сравнить его с б/о сценарием (или наимее вероятный сценарий)! Это будет хороший результат (“изюминка”).

File : merge.par.ad.txt in /home/slava/Docs/Reports/2014/PAR/Percent.Cloud.PAR.BS/Stat