

LAMPIRAN 1									
DATA HARGA SPOT MINYAK MENTAH DAN KENAIKAN HARGA									
TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jan 02, 2003	31,97			30,32			30,05		
Jan 03, 2003	33,26	1,29	1,29	31,43	1,11	1,11	30,83	0,78	0,78
Jan 06, 2003	32,29	-0,97		31,43	0		30,71	-0,12	
Jan 07, 2003	31,2	-1,09		30,78	-0,65		29,72	-0,99	
Jan 08, 2003	30,66	-0,54		29,3	-1,48		28,86	-0,86	
Jan 09, 2003	31,95	1,29	1,29	30,26	0,96	0,96	29,51	0,65	0,65
Jan 10, 2003	31,59	-0,36		30,07	-0,19		29,82	0,31	0,31
Jan 13, 2003	32,08	0,49	0,49	30,46	0,39	0,39	29,82	0	
Jan 14, 2003	32,42	0,34	0,34	31,36	0,9	0,90	30,21	0,39	0,39
Jan 15, 2003	33,23	0,81	0,81	31,73	0,37	0,37	30,66	0,45	0,45
Jan 16, 2003	33,58	0,35	0,35	32,29	0,56	0,56	30,87	0,21	0,21
Jan 17, 2003	33,88	0,3	0,30	31,57	-0,72		31,02	0,15	0,15
Jan 20, 2003	N/A			32,23	0,66	0,66	31,21	0,19	0,19
Jan 21, 2003	34,62	0,74	0,74	31,72	-0,51		30,90	-0,31	
Jan 22, 2003	34,32	-0,3		32,07	0,35	0,35	30,89	-0,01	
Jan 23, 2003	33,9	-0,42		31,4	-0,67		30,18	-0,71	
Jan 24, 2003	34,98	1,08	1,08	31,62	0,22	0,22	30,56	0,38	0,38
Jan 27, 2003	32,43	-2,55		31,02	-0,6		30,16	-0,4	
Jan 28, 2003	32,7	0,27	0,27	30,73	-0,29		29,83	-0,33	
Jan 29, 2003	33,54	0,84	0,84	31,26	0,53	0,53	30,30	0,47	0,47
Jan 30, 2003	33,78	0,24	0,24	31,42	0,16	0,16	30,58	0,28	0,28
Jan 31, 2003	33,51	-0,27		31,57	0,15	0,15	30,71	0,13	0,13
Feb 03, 2003	32,84	-0,67		30,95	-0,62		30,29	-0,42	
Feb 04, 2003	33,61	0,77	0,77	31,13	0,18	0,18	29,98	-0,31	
Feb 05, 2003	33,91	0,3	0,30	31,77	0,64	0,64	30,52	0,54	0,54
Feb 06, 2003	34,36	0,45	0,45	31,81	0,04	0,04	30,77	0,25	0,25
Feb 07, 2003	35,05	0,69	0,69	32,23	0,42	0,42	31,25	0,48	0,48
Feb 10, 2003	34,46	-0,59		32,47	0,24	0,24	31,38	0,13	0,13
Feb 11, 2003	35,43	0,97	0,97	32,51	0,04	0,04	31,35	-0,03	
Feb 12, 2003	35,83	0,4	0,40	32,46	-0,05		31,30	-0,05	
Feb 13, 2003	36,63	0,8	0,80	33,23	0,77	0,77	31,91	0,61	0,61
Feb 14, 2003	36,61	-0,02		33,26	0,03	0,03	32,33	0,42	0,42
Feb 17, 2003	NA			33,06	-0,2		31,90	-0,43	
Feb 18, 2003	36,88	0,27	0,27	33,26	0,2	0,20	31,85	-0,05	
Feb 19, 2003	37,02	0,14	0,14	33,16	-0,1		31,95	0,1	0,10
Feb 20, 2003	36,45	-0,57		32,76	-0,4		31,48	-0,47	
Feb 21, 2003	36,76	0,31	0,31	32,76	0		31,84	0,36	0,36
Feb 24, 2003	37,29	0,53	0,53	33,41	0,65	0,65	32,44	0,6	0,60
Feb 25, 2003	36,06	-1,23		33,64	0,23	0,23	32,73	0,29	0,29
Feb 26, 2003	37,96	1,9	1,90	33,46	-0,18		32,49	-0,24	
Feb 27, 2003	36,83	-1,13		34,09	0,63	0,63	32,48	-0,01	
Feb 28, 2003	36,76	-0,07		34	-0,09		32,63	0,15	0,15
Mar 03, 2003	36,1	-0,66		33,4	-0,6		31,63	-1	
Mar 04, 2003	36,95	0,85	0,85	34,37	0,97	0,97	32,12	0,49	0,49
Mar 05, 2003	36,86	-0,09		33,92	-0,45		32,29	0,17	0,17
Mar 06, 2003	37,21	0,35	0,35	34,39	0,47	0,47	32,50	0,21	0,21
Mar 07, 2003	37,76	0,55	0,55	34,47	0,08	0,08	32,79	0,29	0,29
Mar 10, 2003	37,18	-0,58		34,94	0,47	0,47	33,11	0,32	0,32
Mar 11, 2003	36,81	-0,37		34,06	-0,88		32,54	-0,57	
Mar 12, 2003	37,87	1,06	1,06	34,16	0,1	0,10	32,74	0,2	0,20
Mar 13, 2003	36,05	-1,82		33,98	-0,18		32,42	-0,32	
Mar 14, 2003	35,41	-0,64		31,48	-2,5		30,98	-1,44	
Mar 17, 2003	34,92	-0,49		30,35	-1,13		29,80	-1,18	
Mar 18, 2003	31,55	-3,37		28,55	-1,8		27,69	-2,11	
Mar 19, 2003	30,01	-1,54		28,4	-0,15		27,12	-0,57	
Mar 20, 2003	28,62	-1,39		28	-0,4		26,51	-0,61	
Mar 21, 2003	27,18	-1,44		25,59	-2,41		24,81	-1,7	
Mar 24, 2003	29,51	2,33	2,33	26,54	0,95	0,95	25,70	0,89	0,89
Mar 25, 2003	33,42	3,91	3,91	27,28	0,74	0,74	26,84	1,14	1,14
Mar 26, 2003	28,71	-4,71		25,98	-1,3		25,54	-1,3	

LAMPIRAN 1

DATA HARGA SPOT MINYAK MENTAH DAN KENAIKAN HARGA

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jan 02, 2003	31.97			30.32			30.05		
Jan 03, 2003	33.26	1.29	1.29	31.43	1.11	1.11	30.83	0.78	0.78
Jan 06, 2003	32.29	-0.97		31.43	0		30.71	-0.12	
Jan 07, 2003	31.2	-1.09		30.78	-0.65		29.72	-0.99	
Jan 08, 2003	30.66	-0.54		29.3	-1.48		28.86	-0.86	
Jan 09, 2003	31.95	1.29	1.29	30.26	0.96	0.96	29.51	0.65	0.65
Jan 10, 2003	31.59	-0.36		30.07	-0.19		29.82	0.31	0.31
Jan 13, 2003	32.08	0.49	0.49	30.46	0.39	0.39	29.82	0	
Jan 14, 2003	32.42	0.34	0.34	31.36	0.9	0.90	30.21	0.39	0.39
Jan 15, 2003	33.23	0.81	0.81	31.73	0.37	0.37	30.66	0.45	0.45
Jan 16, 2003	33.58	0.35	0.35	32.29	0.56	0.56	30.87	0.21	0.21
Jan 17, 2003	33.88	0.3	0.30	31.57	-0.72		31.02	0.15	0.15
Jan 20, 2003	N/A			32.23	0.66	0.66	31.21	0.19	0.19
Jan 21, 2003	34.62	0.74	0.74	31.72	-0.51		30.90	-0.31	
Jan 22, 2003	34.32	-0.3		32.07	0.35	0.35	30.89	-0.01	
Jan 23, 2003	33.9	-0.42		31.4	-0.67		30.18	-0.71	
Jan 24, 2003	34.98	1.08	1.08	31.62	0.22	0.22	30.56	0.38	0.38
Jan 27, 2003	32.43	-2.55		31.02	-0.6		30.16	-0.4	
Jan 28, 2003	32.7	0.27	0.27	30.73	-0.29		29.83	-0.33	
Jan 29, 2003	33.54	0.84	0.84	31.26	0.53	0.53	30.30	0.47	0.47
Jan 30, 2003	33.78	0.24	0.24	31.42	0.16	0.16	30.58	0.28	0.28
Jan 31, 2003	33.51	-0.27		31.57	0.15	0.15	30.71	0.13	0.13
Feb 03, 2003	32.84	-0.67		30.95	-0.62		30.29	-0.42	
Feb 04, 2003	33.61	0.77	0.77	31.13	0.18	0.18	29.98	-0.31	
Feb 05, 2003	33.91	0.3	0.30	31.77	0.64	0.64	30.52	0.54	0.54
Feb 06, 2003	34.36	0.45	0.45	31.81	0.04	0.04	30.77	0.25	0.25
Feb 07, 2003	35.05	0.69	0.69	32.23	0.42	0.42	31.25	0.48	0.48
Feb 10, 2003	34.46	-0.59		32.47	0.24	0.24	31.38	0.13	0.13
Feb 11, 2003	35.43	0.97	0.97	32.51	0.04	0.04	31.35	-0.03	
Feb 12, 2003	35.83	0.4	0.40	32.46	-0.05		31.30	-0.05	
Feb 13, 2003	36.63	0.8	0.80	33.23	0.77	0.77	31.91	0.61	0.61
Feb 14, 2003	36.61	-0.02		33.26	0.03	0.03	32.33	0.42	0.42
Feb 17, 2003	N/A			33.06	-0.2		31.90	-0.43	
Feb 18, 2003	36.88	0.27	0.27	33.26	0.2	0.20	31.85	-0.05	
Feb 19, 2003	37.02	0.14	0.14	33.16	-0.1		31.95	0.1	0.10
Feb 20, 2003	36.45	-0.57		32.76	-0.4		31.48	-0.47	
Feb 21, 2003	36.76	0.31	0.31	32.76	0		31.84	0.36	0.36
Feb 24, 2003	37.29	0.53	0.53	33.41	0.65	0.65	32.44	0.6	0.60
Feb 25, 2003	36.06	-1.23		33.64	0.23	0.23	32.73	0.29	0.29
Feb 26, 2003	37.96	1.9	1.90	33.46	-0.18		32.49	-0.24	
Feb 27, 2003	36.83	-1.13		34.09	0.63	0.63	32.48	-0.01	
Feb 28, 2003	36.76	-0.07		34	-0.09		32.63	0.15	0.15
Mar 03, 2003	36.1	-0.66		33.4	-0.6		31.63	-1	
Mar 04, 2003	36.95	0.85	0.85	34.37	0.97	0.97	32.12	0.49	0.49
Mar 05, 2003	36.86	-0.09		33.92	-0.45		32.29	0.17	0.17
Mar 06, 2003	37.21	0.35	0.35	34.39	0.47	0.47	32.50	0.21	0.21
Mar 07, 2003	37.76	0.55	0.55	34.47	0.08	0.08	32.79	0.29	0.29
Mar 10, 2003	37.18	-0.58		34.94	0.47	0.47	33.11	0.32	0.32
Mar 11, 2003	36.81	-0.37		34.06	-0.88		32.54	-0.57	
Mar 12, 2003	37.87	1.06	1.06	34.16	0.1	0.10	32.74	0.2	0.20
Mar 13, 2003	36.05	-1.82		33.98	-0.18		32.42	-0.32	
Mar 14, 2003	35.41	-0.64		31.48	-2.5		30.98	-1.44	
Mar 17, 2003	34.92	-0.49		30.35	-1.13		29.80	-1.18	
Mar 18, 2003	31.55	-3.37		28.55	-1.8		27.69	-2.11	
Mar 19, 2003	30.01	-1.54		28.4	-0.15		27.12	-0.57	
Mar 20, 2003	28.62	-1.39		28	-0.4		26.51	-0.61	
Mar 21, 2003	27.18	-1.44		25.59	-2.41		24.81	-1.7	
Mar 24, 2003	29.51	2.33	2.33	26.54	0.95	0.95	25.70	0.89	0.89
Mar 25, 2003	33.42	3.91	3.91	27.28	0.74	0.74	26.84	1.14	1.14
Mar 26, 2003	28.71	-4.71		25.98	-1.3		25.54	-1.3	
Mar 27, 2003	30.31	1.6	1.60	27.29	1.31	1.31	26.66	1.12	1.12

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Mar 28, 2003	30.21	-0.1		27.66	0.37	0.37	27.23	0.57	0.57
Mar 31, 2003	31.14	0.93	0.93	28.05	0.39	0.39	27.22	-0.01	
Apr 01, 2003	29.48	-1.66		27.94	-0.11		26.80	-0.42	
Apr 02, 2003	28.55	-0.93		26.29	-1.65		25.76	-1.04	
Apr 03, 2003	29.05	0.5	0.50	26.75	0.46	0.46	26.00	0.24	0.24
Apr 04, 2003	28.41	-0.64		25.62	-1.13		25.38	-0.62	
Apr 07, 2003	27.76	-0.65		25.27	-0.35		24.91	-0.47	
Apr 08, 2003	27.97	0.21	0.21	24.88	-0.39		25.33	0.42	0.42
Apr 09, 2003	28.93	0.96	0.96	25.11	0.23	0.23	25.59	0.26	0.26
Apr 10, 2003	27.2	-1.73		25.16	0.05	0.05	25.40	-0.19	
Apr 11, 2003	28.28	1.08	1.08	24.39	-0.77		24.96	-0.44	
Apr 14, 2003	28.41	0.13	0.13	24.72	0.33	0.33	25.35	0.39	0.39
Apr 15, 2003	29.46	1.05	1.05	24.74	0.02	0.02	25.56	0.21	0.21
Apr 16, 2003	29.16	-0.3		24.86	0.12	0.12	25.71	0.15	0.15
Apr 17, 2003	30.1	0.94	0.94	25.36	0.5	0.50	26.25	0.54	0.54
Apr 18, 2003	NA			25.76	0.4	0.40	NA		
Apr 21, 2003	30.76	0.66	0.66	25.76	0		26.64	0.39	0.39
Apr 22, 2003	29.92	-0.84		25.72	-0.04		26.24	-0.4	
Apr 23, 2003	28.04	-1.88		24.56	-1.16		25.14	-1.1	
Apr 24, 2003	27.52	-0.52		24.06	-0.5		23.97	-1.17	
Apr 25, 2003	25.92	-1.6		24.29	0.23	0.23	24.40	0.43	0.43
Apr 28, 2003	25.25	-0.67		23.42	-0.87		23.64	-0.76	
Apr 29, 2003	25.32	0.07	0.07	23.23	-0.19		23.27	-0.37	
Apr 30, 2003	26.09	0.77	0.77	23.6	0.37	0.37	23.72	0.45	0.45
May 01, 2003	26.05	-0.04		23.79	0.19	0.19	23.85	0.13	0.13
May 02, 2003	25.74	-0.31		23.73	-0.06		23.84	-0.01	
May 05, 2003	26.43	0.69	0.69	23.59	-0.14		23.99	0.15	0.15
May 06, 2003	25.65	-0.78		23.91	0.32	0.32	23.92	-0.07	
May 07, 2003	26.24	0.59	0.59	24.01	0.1	0.10	23.89	-0.03	
May 08, 2003	26.94	0.7	0.70	24.48	0.47	0.47	24.44	0.55	0.55
May 09, 2003	27.65	0.71	0.71	25.55	1.07	1.07	25.14	0.7	0.70
May 12, 2003	27.34	-0.31		25.69	0.14	0.14	25.32	0.18	0.18
May 13, 2003	28.51	1.17	1.17	25.45	-0.24		25.41	0.09	0.09
May 14, 2003	29.21	0.7	0.70	25.98	0.53	0.53	26.13	0.72	0.72
May 15, 2003	28.57	-0.64		26.77	0.79	0.79	26.21	0.08	0.08
May 16, 2003	29.07	0.5	0.50	27.18	0.41	0.41	26.24	0.03	0.03
May 19, 2003	28.84	-0.23		27.23	0.05	0.05	26.53	0.29	0.29
May 20, 2003	29.29	0.45	0.45	26.69	-0.54		26.10	-0.43	
May 21, 2003	29.51	0.22	0.22	27.58	0.89	0.89	26.64	0.54	0.54
May 22, 2003	29.09	-0.42		27.32	-0.26		26.53	-0.11	
May 23, 2003	29.74	0.65	0.65	27.14	-0.18		26.85	0.32	0.32
May 26, 2003	NA			26.78	-0.36		26.87	0.02	0.02
May 27, 2003	29.24	-0.5		26.55	-0.23		26.48	-0.39	
May 28, 2003	28.46	-0.78		26.48	-0.07		26.49	0.01	0.01
May 29, 2003	29.15	0.69	0.69	26.39	-0.09		26.27	-0.22	
May 30, 2003	29.56	0.41	0.41	26.58	0.19	0.19	26.71	0.44	0.44
Jun 02, 2003	30.72	1.16	1.16	27.56	0.98	0.98	27.10	0.39	0.39
Jun 03, 2003	30.78	0.06	0.06	27.99	0.43	0.43	27.09	-0.01	
Jun 04, 2003	29.81	-0.97		27.49	-0.5		26.72	-0.37	
Jun 05, 2003	30.84	1.03	1.03	28.16	0.67	0.67	26.77	0.05	0.05
Jun 06, 2003	31.26	0.42	0.42	28.38	0.22	0.22	27.30	0.53	0.53
Jun 09, 2003	31.36	0.1	0.10	28.62	0.24	0.24	27.53	0.23	0.23
Jun 10, 2003	31.72	0.36	0.36	28.44	-0.18		27.51	-0.02	
Jun 11, 2003	32.17	0.45	0.45	28.97	0.53	0.53	27.86	0.35	0.35
Jun 12, 2003	31.41	-0.76		28.48	-0.49		27.48	-0.38	
Jun 13, 2003	30.63	-0.78		27.39	-1.09		26.70	-0.78	
Jun 16, 2003	31.14	0.51	0.51	27.5	0.11	0.11	26.44	-0.26	
Jun 17, 2003	31.08	-0.06		27.14	-0.36		26.37	-0.07	
Jun 18, 2003	30.28	-0.8		26.43	-0.71		25.88	-0.49	
Jun 19, 2003	29.86	-0.42		26.21	-0.22		25.60	-0.28	
Jun 20, 2003	30.63	0.77	0.77	27.13	0.92	0.92	26.34	0.74	0.74
Jun 23, 2003	30.22	-0.41		27.13	0		26.54	0.2	0.20
Jun 24, 2003	30.05	-0.17		26.96	-0.17		26.26	-0.28	
Jun 25, 2003	31.65	1.6	1.60	27.34	0.38	0.38	26.58	0.32	0.32

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jun 26, 2003	28.97	-2.68		27.06	-0.28		26.62	0.04	0.04
Jun 27, 2003	29.18	0.21	0.21	27.45	0.39	0.39	26.55	-0.07	
Jun 30, 2003	30.15	0.97	0.97	28.88	1.43	1.43	27.11	0.56	0.56
Jul 01, 2003	30.41	0.26	0.26	28.33	-0.55		27.19	0.08	0.08
Jul 02, 2003	30.29	-0.12		28.2	-0.13		27.31	0.12	0.12
Jul 03, 2003	30.39	0.1	0.10	28.63	0.43	0.43	27.60	0.29	0.29
Jul 04, 2003	NA			27.97	-0.66		27.19	-0.41	
Jul 07, 2003	30.08	-0.31		27.23	-0.74		27.04	-0.15	
Jul 08, 2003	30.32	0.24	0.24	27.95	0.72	0.72	26.83	-0.21	
Jul 09, 2003	30.87	0.55	0.55	28.21	0.26	0.26	27.43	0.6	0.60
Jul 10, 2003	31.04	0.17	0.17	29.37	1.16	1.16	27.98	0.55	0.55
Jul 11, 2003	31.33	0.29	0.29	29.36	-0.01		28.14	0.16	0.16
Jul 14, 2003	31.2	-0.13		28.52	-0.84		28.02	-0.12	
Jul 15, 2003	31.6	0.4	0.40	28.87	0.35	0.35	27.98	-0.04	
Jul 16, 2003	31.2	-0.4		28.51	-0.36		27.87	-0.11	
Jul 17, 2003	31.44	0.24	0.24	28.59	0.08	0.08	27.93	0.06	0.06
Jul 18, 2003	31.96	0.52	0.52	29.2	0.61	0.61	28.23	0.3	0.30
Jul 21, 2003	31.67	-0.29		28.01	-1.19		27.98	-0.25	
Jul 22, 2003	30.2	-1.47		28.4	0.39	0.39	27.17	-0.81	
Jul 23, 2003	30.13	-0.07		27.67	-0.73		27.00	-0.17	
Jul 24, 2003	30.72	0.59	0.59	27.73	0.06	0.06	27.23	0.23	0.23
Jul 25, 2003	30.31	-0.41		28.3	0.57	0.57	27.38	0.15	0.15
Jul 28, 2003	29.98	-0.33		27.71	-0.59		27.02	-0.36	
Jul 29, 2003	30.21	0.23	0.23	28.27	0.56	0.56	27.18	0.16	0.16
Jul 30, 2003	30.69	0.48	0.48	28.31	-0.04	0.04	27.31	0.13	0.13
Jul 31, 2003	30.56	-0.13		28.68	0.37	0.37	27.52	0.21	0.21
Aug 01, 2003	32.23	1.67	1.67	29.63	0.95	0.95	28.21	0.69	0.69
Aug 04, 2003	31.8	-0.43		29.91	0.28	0.28	28.66	0.45	0.45
Aug 05, 2003	32.34	0.54	0.54	30.37	0.46	0.46	28.80	0.14	0.14
Aug 06, 2003	31.77	-0.57		30.01	-0.36		28.88	0.08	0.08
Aug 07, 2003	32.41	0.64	0.64	30.06	0.05	0.05	29.07	0.19	0.19
Aug 08, 2003	32.23	-0.18		30.59	0.53	0.53	29.22	0.15	0.15
Aug 11, 2003	31.91	-0.32		30.05	-0.54		29.02	-0.2	
Aug 12, 2003	31.91	0		30.13	0.08	0.08	28.97	-0.05	
Aug 13, 2003	30.85	-1.06		29.66	-0.47		28.61	-0.36	
Aug 14, 2003	30.85	0		28.96	-0.7		28.02	-0.59	
Aug 15, 2003	31.01	0.16	0.16	29.18	0.22	0.22	28.42	0.4	0.40
Aug 18, 2003	30.81	-0.2		29.88	0.7	0.70	28.32	-0.1	
Aug 19, 2003	30.76	-0.05		29.18	-0.7		27.94	-0.38	
Aug 20, 2003	30.96	0.2	0.20	29.28	0.1	0.10	28.02	0.08	0.08
Aug 21, 2003	31.78	0.82	0.82	29.95	0.67	0.67	28.73	0.71	0.71
Aug 22, 2003	31.64	-0.14		30.22	0.27	0.27	29.17	0.44	0.44
Aug 25, 2003	31.43	-0.21		29.98	-0.24		29.01	-0.16	
Aug 26, 2003	32.01	0.58	0.58	30.08	0.1	0.10	29.04	0.03	0.03
Aug 27, 2003	31.18	-0.83		30.05	-0.03		28.77	-0.27	
Aug 28, 2003	31.41	0.23	0.23	30.1	0.05	0.05	28.80	0.03	0.03
Aug 29, 2003	31.76	0.35	0.35	30.38	0.28	0.28	28.90	0.1	0.10
Sep 01, 2003	NA			29.64	-0.74		28.62	-0.28	
Sep 02, 2003	29.57	-2.19		28.08	-1.56		27.52	-1.1	
Sep 03, 2003	29.43	-0.14		27.89	-0.19		26.86	-0.66	
Sep 04, 2003	28.87	-0.56		27.49	-0.4		26.69	-0.17	
Sep 05, 2003	28.93	0.06	0.06	27.72	0.23	0.23	26.35	-0.34	
Sep 08, 2003	28.85	-0.08		28.47	0.75	0.75	26.41	0.06	0.06
Sep 09, 2003	29.22	0.37	0.37	27.64	-0.83		26.44	0.03	0.03
Sep 10, 2003	29.41	0.19	0.19	27.76	0.12	0.12	26.52	0.08	0.08
Sep 11, 2003	28.86	-0.55		27.48	-0.28		26.48	-0.04	
Sep 12, 2003	28.26	-0.6		26.52	-0.96		25.94	-0.54	
Sep 15, 2003	28.15	-0.11		26.38	-0.14		25.79	-0.15	
Sep 16, 2003	27.6	-0.55		26.28	-0.1		25.59	-0.2	
Sep 17, 2003	27	-0.6		25.76	-0.52		25.16	-0.43	
Sep 18, 2003	27.26	0.26	0.26	25.56	-0.2		24.90	-0.26	
Sep 19, 2003	26.93	-0.33		25.51	-0.05		24.82	-0.08	
Sep 22, 2003	26.97	0.04	0.04	25.82	0.31	0.31	24.82	0	
Sep 23, 2003	27	0.03	0.03	25.74	-0.08		25.14	0.32	0.32

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Sep 24, 2003	28.19	1.19	1.19	26.81	1.07	1.07	25.59	0.45	0.45
Sep 25, 2003	28.29	0.1	0.10	27.04	0.23	0.23	26.37	0.78	0.78
Sep 26, 2003	28.21	-0.08		27.02	-0.02		26.11	-0.26	
Sep 29, 2003	28.35	0.14	0.14	27.77	0.75	0.75	26.38	0.27	0.27
Sep 30, 2003	29.19	0.84	0.84	28.09	0.32	0.32	26.82	0.44	0.44
Oct 01, 2003	29.43	0.24	0.24	27.98	-0.11		27.08	0.26	0.26
Oct 02, 2003	29.83	0.4	0.40	28.9	0.92	0.92	27.60	0.52	0.52
Oct 03, 2003	30.37	0.54	0.54	29.14	0.24	0.24	27.85	0.25	0.25
Oct 06, 2003	30.4	0.03	0.03	29.75	0.61	0.61	28.19	0.34	0.34
Oct 07, 2003	30.48	0.08	0.08	29.35	-0.4		28.11	-0.08	
Oct 08, 2003	29.6	-0.88		28.96	-0.39		27.99	-0.12	
Oct 09, 2003	30.97	1.37	1.37	30.21	1.25	1.25	28.60	0.61	0.61
Oct 10, 2003	32.01	1.04	1.04	31.13	0.92	0.92	29.88	1.28	1.28
Oct 13, 2003	31.91	-0.1		31	-0.13		29.75	-0.13	
Oct 14, 2003	31.68	-0.23		31.45	0.45	0.45	29.78	0.03	0.03
Oct 15, 2003	31.74	0.06	0.06	31.23	-0.22		29.66	-0.12	
Oct 16, 2003	31.51	-0.23		31.05	-0.18		29.74	0.08	0.08
Oct 17, 2003	30.61	-0.9		30.27	-0.78		28.89	-0.85	
Oct 20, 2003	30.37	-0.24		29.78	-0.49		28.40	-0.49	
Oct 21, 2003	30.19	-0.18		29.61	-0.17		28.40	0	
Oct 22, 2003	30	-0.19		29.25	-0.36		28.16	-0.24	
Oct 23, 2003	30.31	0.31	0.31	29.63	0.38	0.38	28.10	-0.06	
Oct 24, 2003	29.99	-0.32		30.01	0.38	0.38	28.23	0.13	0.13
Oct 27, 2003	29.95	-0.04		29.38	-0.63		28.12	-0.11	
Oct 28, 2003	29.57	-0.38		28.99	-0.39		27.77	-0.35	
Oct 29, 2003	28.95	-0.62		28.56	-0.43		27.58	-0.19	
Oct 30, 2003	28.67	-0.28		27.47	-1.09		26.98	-0.6	
Oct 31, 2003	29.24	0.57	0.57	27.88	0.41	0.41	27.17	0.19	0.19
Nov 03, 2003	28.81	-0.43		27.78	-0.1		27.19	0.02	0.02
Nov 04, 2003	28.86	0.05	0.05	27.32	-0.46		26.77	-0.42	
Nov 05, 2003	30.29	1.43	1.43	27.9	0.58	0.58	27.49	0.72	0.72
Nov 06, 2003	30.25	-0.04		28.52	0.62	0.62	27.84	0.35	0.35
Nov 07, 2003	30.73	0.48	0.48	28.73	0.21	0.21	28.30	0.46	0.46
Nov 10, 2003	31.01	0.28	0.28	28.82	0.09	0.09	28.58	0.28	0.28
Nov 11, 2003	31.21	0.2	0.20	28.88	0.06	0.06	28.63	0.05	0.05
Nov 12, 2003	31.37	0.16	0.16	28.58	-0.3		28.63	0	
Nov 13, 2003	31.89	0.52	0.52	29.01	0.43	0.43	28.94	0.31	0.31
Nov 14, 2003	32.31	0.42	0.42	29.78	0.77	0.77	29.26	0.32	0.32
Nov 17, 2003	31.75	-0.56		28.98	-0.8		28.90	-0.36	
Nov 18, 2003	33.16	1.41	1.41	29.26	0.28	0.28	29.21	0.31	0.31
Nov 19, 2003	32.84	-0.32		30.13	0.87	0.87	29.79	0.58	0.58
Nov 20, 2003	32.87	0.03	0.03	29.88	-0.25		29.45	-0.34	
Nov 21, 2003	32.26	-0.61		29.79	-0.09		29.41	-0.04	
Nov 24, 2003	29.99	-2.27		27.99	-1.8		28.29	-1.12	
Nov 25, 2003	30.02	0.03	0.03	27.62	-0.37		27.98	-0.31	
Nov 26, 2003	30.33	0.31	0.31	28.23	0.61	0.61	28.15	0.17	0.17
Nov 27, 2003	30.33	0		28.9	0.67	0.67	28.39	0.24	0.24
Nov 28, 2003	30.33	0		28.95	0.05	0.05	28.45	0.06	0.06
Dec 01, 2003	29.89	-0.44		28.17	-0.78		27.92	-0.53	
Dec 02, 2003	30.74	0.85	0.85	29.1	0.93	0.93	28.43	0.51	0.51
Dec 03, 2003	30.61	-0.13		29.26	0.16	0.16	28.68	0.25	0.25
Dec 04, 2003	31.24	0.63	0.63	29.25	-0.01		29.02	0.34	0.34
Dec 05, 2003	30.68	-0.56		28.87	-0.38		28.69	-0.33	
Dec 08, 2003	32.08	1.4	1.40	30.52	1.65	1.65	29.47	0.78	0.78
Dec 09, 2003	31.72	-0.36		30.27	-0.25		29.73	0.26	0.26
Dec 10, 2003	31.92	0.2	0.20	30.02	-0.25		29.64	-0.09	
Dec 11, 2003	32.01	0.09	0.09	29.79	-0.23		29.42	-0.22	
Dec 12, 2003	33.06	1.05	1.05	30.24	0.45	0.45	29.90	0.48	0.48
Dec 15, 2003	33.17	0.11	0.11	30.89	0.65	0.65	30.04	0.14	0.14
Dec 16, 2003	32.94	-0.23		30.64	-0.25		30.34	0.3	0.30
Dec 17, 2003	33.36	0.42	0.42	31.01	0.37	0.37	30.45	0.11	0.11
Dec 18, 2003	33.72	0.36	0.36	30.79	-0.22		30.73	0.28	0.28
Dec 19, 2003	32.81	-0.91		31.03	0.24	0.24	30.71	-0.02	
Dec 22, 2003	31.71	-1.1		28.78	-2.25		29.62	-1.09	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Dec 23, 2003	32.03	0.32	0.32	28.3	-0.48		29.13	-0.49	
Dec 24, 2003	32.99	0.96	0.96	29.45	1.15	1.15	29.91	0.78	0.78
Dec 29, 2003	32.51	-0.48		29.17	-0.28		29.53	-0.38	
Dec 30, 2003	33.01	0.5	0.50	30.1	0.93	0.93	29.73	0.2	0.20
Dec 31, 2003	32.51	-0.5		30.3	0.2	0.20	29.87	0.14	0.14
Jan 02, 2004	NA			29.55	-0.75		29.41	-0.46	
Jan 05, 2004	33.71	1.2	1.20	32.3	2.75	2.75	29.85	0.44	0.44
Jan 06, 2004	33.54	-0.17		31.2	-1.1		30.33	0.48	0.48
Jan 07, 2004	33.57	0.03	0.03	30.99	-0.21		30.23	-0.1	
Jan 08, 2004	34.27	0.7	0.70	31.11	0.12	0.12	30.41	0.18	0.18
Jan 09, 2004	34.38	0.11	0.11	31.91	0.8	0.80	30.88	0.47	0.47
Jan 12, 2004	34.92	0.54	0.54	31.41	-0.5		30.96	0.08	0.08
Jan 13, 2004	34.26	-0.66		32.55	1.14	1.14	31.08	0.12	0.12
Jan 14, 2004	34.62	0.36	0.36	31.84	-0.71		30.53	-0.55	
Jan 15, 2004	33.61	-1.01		31.43	-0.41		30.37	-0.16	
Jan 16, 2004	35.16	1.55	1.55	31.26	-0.17		30.27	-0.1	
Jan 19, 2004	NA			31.67	0.41	0.41	30.73	0.46	0.46
Jan 20, 2004	36.21	1.05	1.05	32.26	0.59	0.59	31.01	0.28	0.28
Jan 21, 2004	35.53	-0.68		31.95	-0.31		30.74	-0.27	
Jan 22, 2004	35.12	-0.41		31.42	-0.53		30.71	-0.03	
Jan 23, 2004	34.94	-0.18		32.08	0.66	0.66	30.74	0.03	0.03
Jan 26, 2004	34.41	-0.53		31.15	-0.93		30.17	-0.57	
Jan 27, 2004	33.99	-0.42		31.05	-0.1		29.99	-0.18	
Jan 28, 2004	33.63	-0.36		30.77	-0.28		29.49	-0.5	
Jan 29, 2004	32.86	-0.77		29.47	-1.3		28.98	-0.51	
Jan 30, 2004	33.16	0.3	0.30	29.53	0.06	0.06	28.68	-0.3	
Feb 02, 2004	34.02	0.86	0.86	30.3	0.77	0.77	29.06	0.38	0.38
Feb 03, 2004	34.2	0.18	0.18	30.07	-0.23		29.19	0.13	0.13
Feb 04, 2004	33.06	-1.14		29.63	-0.44		28.55	-0.64	
Feb 05, 2004	33.26	0.2	0.20	29.02	-0.61		28.20	-0.35	
Feb 06, 2004	32.49	-0.77		29.26	0.24	0.24	28.20	0	
Feb 09, 2004	32.91	0.42	0.42	29.1	-0.16		28.09	-0.11	
Feb 10, 2004	34.03	1.12	1.12	30.06	0.96	0.96	28.75	0.66	0.66
Feb 11, 2004	33.93	-0.1		30.33	0.27	0.27	29.13	0.38	0.38
Feb 12, 2004	34.03	0.1	0.10	30.17	-0.16		28.96	-0.17	
Feb 13, 2004	34.51	0.48	0.48	30.96	0.79	0.79	29.74	0.78	0.78
Feb 16, 2004	NA			31.08	0.12	0.12	29.72	-0.02	
Feb 17, 2004	35.13	0.62	0.62	31.43	0.35	0.35	30.08	0.36	0.36
Feb 18, 2004	35.42	0.29	0.29	31.57	0.14	0.14	30.52	0.44	0.44
Feb 19, 2004	35.81	0.39	0.39	31.63	0.06	0.06	30.44	-0.08	
Feb 20, 2004	35.8	-0.01		31.22	-0.41		30.17	-0.27	
Feb 23, 2004	35.75	-0.05		31.89	0.67	0.67	30.20	0.03	0.03
Feb 24, 2004	35.85	0.1	0.10	31.6	-0.29		30.55	0.35	0.35
Feb 25, 2004	37.28	1.43	1.43	32.46	0.86	0.86	30.89	0.34	0.34
Feb 26, 2004	35.45	-1.83		32.45	-0.01		31.00	0.11	0.11
Feb 27, 2004	36.08	0.63	0.63	32.94	0.49	0.49	31.13	0.13	0.13
Mar 01, 2004	36.85	0.77	0.77	33.34	0.4	0.40	31.82	0.69	0.69
Mar 02, 2004	36.6	-0.25		34.15	0.81	0.81	32.48	0.66	0.66
Mar 03, 2004	35.8	-0.8		33.32	-0.83		31.82	-0.66	
Mar 04, 2004	36.81	1.01	1.01	33.45	0.13	0.13	32.05	0.23	0.23
Mar 05, 2004	37.31	0.5	0.50	34.4	0.95	0.95	32.75	0.7	0.70
Mar 08, 2004	36.53	-0.78		34.27	-0.13		32.59	-0.16	
Mar 09, 2004	36.29	-0.24		33.72	-0.55		32.30	-0.29	
Mar 10, 2004	36.21	-0.08		32.83	-0.89		31.67	-0.63	
Mar 11, 2004	36.95	0.74	0.74	33.22	0.39	0.39	31.95	0.28	0.28
Mar 12, 2004	36.21	-0.74		32.76	-0.46		31.94	-0.01	
Mar 15, 2004	37.44	1.23	1.23	34.39	1.63	1.63	32.30	0.36	0.36
Mar 16, 2004	37.36	-0.08		34.72	0.33	0.33	32.59	0.29	0.29
Mar 17, 2004	38.21	0.85	0.85	34.95	0.23	0.23	32.95	0.36	0.36
Mar 18, 2004	37.81	-0.4		34.43	-0.52		33.03	0.08	0.08
Mar 19, 2004	38.09	0.28	0.28	34.33	-0.1		33.01	-0.02	
Mar 22, 2004	37.12	-0.97		33.57	-0.76		32.46	-0.55	
Mar 23, 2004	37.81	0.69	0.69	34.4	0.83	0.83	32.83	0.37	0.37
Mar 24, 2004	37.06	-0.75		34.14	-0.26		32.85	0.02	0.02

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Mar 25, 2004	35.67	-1.39		33.32	-0.82		31.93	-0.92	
Mar 26, 2004	35.61	-0.06		32.51	-0.81		31.57	-0.36	
Mar 29, 2004	35.41	-0.2		32.04	-0.47		31.13	-0.44	
Mar 30, 2004	36.15	0.74	0.74	33.04	1	1.00	31.70	0.57	0.57
Mar 31, 2004	35.75	-0.4		32.29	-0.75		31.49	-0.21	
Apr 01, 2004	34.47	-1.28		32.59	0.3	0.30	30.79	-0.7	
Apr 02, 2004	34.39	-0.08		31.19	-1.4		30.18	-0.61	
Apr 05, 2004	34.29	-0.1		31.17	-0.02		29.90	-0.28	
Apr 06, 2004	35.09	0.8	0.80	31.48	0.31	0.31	30.22	0.32	0.32
Apr 07, 2004	36.28	1.19	1.19	33.07	1.59	1.59	31.32	1.1	1.10
Apr 08, 2004	37.14	0.86	0.86	33.98	0.91	0.91	32.37	1.05	1.05
Apr 09, 2004	NA			34.03	0.05	0.05	NA		
Apr 12, 2004	37.79	0.65	0.65	34.51	0.48	0.48	32.92	0.55	0.55
Apr 13, 2004	37.09	-0.7		34.15	-0.36		32.60	-0.32	
Apr 14, 2004	36.62	-0.47		33.54	-0.61		32.10	-0.5	
Apr 15, 2004	37.74	1.12	1.12	33.72	0.18	0.18	32.54	0.44	0.44
Apr 16, 2004	37.7	-0.04		33.85	0.13	0.13	32.85	0.31	0.31
Apr 19, 2004	37.46	-0.24		34.71	0.86	0.86	32.89	0.04	0.04
Apr 20, 2004	37.61	0.15	0.15	33.56	-1.15		32.45	-0.44	
Apr 21, 2004	36.61	-1		33.23	-0.33		32.15	-0.3	
Apr 22, 2004	37.7	1.09	1.09	33.24	0.01	0.01	32.50	0.35	0.35
Apr 23, 2004	37.22	-0.48		33.78	0.54	0.54	32.58	0.08	0.08
Apr 26, 2004	37.02	-0.2		34.18	0.4	0.40	32.87	0.29	0.29
Apr 27, 2004	37.49	0.47	0.47	34.11	-0.07		33.32	0.45	0.45
Apr 28, 2004	37.23	-0.26		35.02	0.91	0.91	33.67	0.35	0.35
Apr 29, 2004	37.5	0.27	0.27	34.66	-0.36		33.33	-0.34	
Apr 30, 2004	37.31	-0.19		35.23	0.57	0.57	33.99	0.66	0.66
May 03, 2004	38.26	0.95	0.95	34.97	-0.26		34.13	0.14	0.14
May 04, 2004	38.86	0.6	0.60	36.07	1.1	1.10	34.71	0.58	0.58
May 05, 2004	39.69	0.83	0.83	36.58	0.51	0.51	35.30	0.59	0.59
May 06, 2004	39.41	-0.28		37.05	0.47	0.47	35.88	0.58	0.58
May 07, 2004	39.98	0.57	0.57	37.25	0.2	0.20	36.12	0.24	0.24
May 10, 2004	38.9	-1.08		35.83	-1.42		35.42	-0.7	
May 11, 2004	40.3	1.4	1.40	36.97	1.14	1.14	35.57	0.15	0.15
May 12, 2004	40.3	0		37.95	0.98	0.98	36.74	1.17	1.17
May 13, 2004	40.94	0.64	0.64	38.3	0.35	0.35	36.93	0.19	0.19
May 14, 2004	41.42	0.48	0.48	39.04	0.74	0.74	37.67	0.74	0.74
May 17, 2004	41.53	0.11	0.11	38.88	-0.16		37.72	0.05	0.05
May 18, 2004	40.32	-1.21		38.43	-0.45		36.93	-0.79	
May 19, 2004	41.61	1.29	1.29	38.35	-0.08		37.12	0.19	0.19
May 20, 2004	40.92	-0.69		38.89	0.54	0.54	37.44	0.32	0.32
May 21, 2004	39.83	-1.09		37.6	-1.29		36.40	-1.04	
May 24, 2004	42.03	2.2	2.20	39.22	1.62	1.62	37.05	0.65	0.65
May 25, 2004	41.45	-0.58		38.46	-0.76		37.36	0.31	0.31
May 26, 2004	40.6	-0.85		38.05	-0.41		36.99	-0.37	
May 27, 2004	39.25	-1.35		37.03	-1.02		36.02	-0.97	
May 28, 2004	39.9	0.65	0.65	37	-0.03		36.01	-0.01	
May 31, 2004	NA			37	0		36.17	0.16	0.16
Jun 01, 2004	42.33	2.43	2.43	39.05	2.05	2.05	37.64	1.47	1.47
Jun 02, 2004	39.96	-2.37		37.99	-1.06		36.80	-0.84	
Jun 03, 2004	39.29	-0.67		36.26	-1.73		35.86	-0.94	
Jun 04, 2004	38.44	-0.85		35.97	-0.29		34.94	-0.92	
Jun 07, 2004	38.72	0.28	0.28	35.57	-0.4		34.64	-0.3	
Jun 08, 2004	37.18	-1.54		35.47	-0.1		34.45	-0.19	
Jun 09, 2004	37.6	0.42	0.42	34.69	-0.78		33.91	-0.54	
Jun 10, 2004	38.45	0.85	0.85	35.75	1.06	1.06	34.59	0.68	0.68
Jun 11, 2004	NA			35.23	-0.52		34.59	0	
Jun 14, 2004	37.58	-0.87		35.22	-0.01		34.29	-0.3	
Jun 15, 2004	37.18	-0.4		34.66	-0.56		33.72	-0.57	
Jun 16, 2004	37.33	0.15	0.15	34.56	-0.1		33.93	0.21	0.21
Jun 17, 2004	38.51	1.18	1.18	35.58	1.02	1.02	34.69	0.76	0.76
Jun 18, 2004	38.68	0.17	0.17	35.43	-0.15		35.19	0.5	0.50
Jun 21, 2004	37.69	-0.99		34.82	-0.61		34.65	-0.54	
Jun 22, 2004	38.11	0.42	0.42	34.95	0.13	0.13	34.36	-0.29	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jun 23, 2004	37.56	-0.55		34.81	-0.14		34.24	-0.12	
Jun 24, 2004	37.81	0.25	0.25	34.71	-0.1		34.10	-0.14	
Jun 25, 2004	37.34	-0.47		34.25	-0.46		33.95	-0.15	
Jun 28, 2004	36.25	-1.09		33.24	-1.01		33.07	-0.88	
Jun 29, 2004	35.6	-0.65		32.61	-0.63		32.50	-0.57	
Jun 30, 2004	36.92	1.32	1.32	33.22	0.61	0.61	32.68	0.18	0.18
Jul 01, 2004	38.56	1.64	1.64	35.58	2.36	2.36	34.00	1.32	1.32
Jul 02, 2004	38.37	-0.19		35.36	-0.22		34.75	0.75	0.75
Jul 05, 2004	NA			35.73	0.37	0.37	34.88	0.13	0.13
Jul 06, 2004	39.56	1.19	1.19	36.47	0.74	0.74	35.58	0.7	0.70
Jul 07, 2004	39.18	-0.38		35.62	-0.85		35.47	-0.11	
Jul 08, 2004	40.27	1.09	1.09	37.13	1.51	1.51	35.91	0.44	0.44
Jul 09, 2004	39.9	-0.37		37.58	0.45	0.45	36.05	0.14	0.14
Jul 12, 2004	39.3	-0.6		37.73	0.15	0.15	35.83	-0.22	
Jul 13, 2004	39.55	0.25	0.25	36.68	-1.05		35.13	-0.7	
Jul 14, 2004	40.98	1.43	1.43	37.51	0.83	0.83	35.79	0.66	0.66
Jul 15, 2004	40.7	-0.28		38.41	0.9	0.90	36.58	0.79	0.79
Jul 16, 2004	41.1	0.4	0.40	38.49	0.08	0.08	36.81	0.23	0.23
Jul 19, 2004	41.55	0.45	0.45	39.07	0.58	0.58	36.89	0.08	0.08
Jul 20, 2004	40.86	-0.69		38.96	-0.11		36.49	-0.4	
Jul 21, 2004	40.63	-0.23		38.48	-0.48		36.16	-0.33	
Jul 22, 2004	41.51	0.88	0.88	39.16	0.68	0.68	36.60	0.44	0.44
Jul 23, 2004	41.82	0.31	0.31	39.59	0.43	0.43	36.96	0.36	0.36
Jul 26, 2004	41.45	-0.37		39.75	0.16	0.16	37.02	0.06	0.06
Jul 27, 2004	41.83	0.38	0.38	40.09	0.34	0.34	37.27	0.25	0.25
Jul 28, 2004	42.81	0.98	0.98	41.08	0.99	0.99	37.95	0.68	0.68
Jul 29, 2004	42.69	-0.12		40.93	-0.15		37.94	-0.01	
Jul 30, 2004	43.72	1.03	1.03	41.47	0.54	0.54	38.69	0.75	0.75
Aug 02, 2004	43.83	0.11	0.11	41.35	-0.12		39.04	0.35	0.35
Aug 03, 2004	44.13	0.3	0.30	41.82	0.47	0.47	39.33	0.29	0.29
Aug 04, 2004	42.73	-1.4		41.75	-0.07		39.29	-0.04	
Aug 05, 2004	44.39	1.66	1.66	42.49	0.74	0.74	39.55	0.26	0.26
Aug 06, 2004	43.95	-0.44		42.63	0.14	0.14	39.67	0.12	0.12
Aug 09, 2004	44.86	0.91	0.91	43.21	0.58	0.58	40.04	0.37	0.37
Aug 10, 2004	44.51	-0.35		42.5	-0.71		40.00	-0.04	
Aug 11, 2004	44.72	0.21	0.21	42.45	-0.05		40.08	0.08	0.08
Aug 12, 2004	45.52	0.8	0.80	43.5	1.05	1.05	40.76	0.68	0.68
Aug 13, 2004	46.61	1.09	1.09	44.13	0.63	0.63	41.33	0.57	0.57
Aug 16, 2004	46.02	-0.59		44.35	0.22	0.22	41.70	0.37	0.37
Aug 17, 2004	46.75	0.73	0.73	44.05	-0.3		41.75	0.05	0.05
Aug 18, 2004	47.36	0.61	0.61	44.12	0.07	0.07	42.07	0.32	0.32
Aug 19, 2004	48.66	1.3	1.30	44.84	0.72	0.72	42.60	0.53	0.53
Aug 20, 2004	47.6	-1.06		45.46	0.62	0.62	43.16	0.56	0.56
Aug 23, 2004	46	-1.6		44.39	-1.07		42.27	-0.89	
Aug 24, 2004	45.68	-0.32		42.99	-1.4		41.43	-0.84	
Aug 25, 2004	43.83	-1.85		42.39	-0.6		40.45	-0.98	
Aug 26, 2004	43.06	-0.77		40.65	-1.74		39.02	-1.43	
Aug 27, 2004	43.11	0.05	0.05	40.72	0.07	0.07	39.05	0.03	0.03
Aug 30, 2004	42.32	-0.79		40.78	0.06	0.06	38.48	-0.57	
Aug 31, 2004	42.23	-0.09		39.8	-0.98		38.15	-0.33	
Sep 01, 2004	43.89	1.66	1.66	40.96	1.16	1.16	38.81	0.66	0.66
Sep 02, 2004	44.04	0.15	0.15	42.39	1.43	1.43	39.68	0.87	0.87
Sep 03, 2004	43.94	-0.1		41.07	-1.32		39.12	-0.56	
Sep 06, 2004	NA			40.4	-0.67		38.66	-0.46	
Sep 07, 2004	43.18	-0.76		40.19	-0.21		38.13	-0.53	
Sep 08, 2004	42.77	-0.41		39.91	-0.28		38.19	0.06	0.06
Sep 09, 2004	44.53	1.76	1.76	41.45	1.54	1.54	38.74	0.55	0.55
Sep 10, 2004	42.84	-1.69		41.03	-0.42		38.82	0.08	0.08
Sep 13, 2004	43.86	1.02	1.02	40.63	-0.4		38.30	-0.52	
Sep 14, 2004	44.62	0.76	0.76	41.34	0.71	0.71	39.07	0.77	0.77
Sep 15, 2004	43.83	-0.79		42.03	0.69	0.69	39.02	-0.05	
Sep 16, 2004	44.03	0.2	0.20	40.68	-1.35		38.44	-0.58	
Sep 17, 2004	45.63	1.6	1.60	43.08	2.4	2.40	39.50	1.06	1.06
Sep 20, 2004	46.33	0.7	0.70	43.6	0.52	0.52	40.20	0.7	0.70



TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Sep 21, 2004	47.11	0.78	0.78	44.56	0.96	0.96	40.71	0.51	0.51
Sep 22, 2004	48.41	1.3	1.30	45.66	1.1	1.10	41.75	1.04	1.04
Sep 23, 2004	48.37	-0.04		46.53	0.87	0.87	42.27	0.52	0.52
Sep 24, 2004	48.86	0.49	0.49	46.13	-0.4		42.31	0.04	0.04
Sep 27, 2004	49.56	0.7	0.70	46.87	0.74	0.74	42.90	0.59	0.59
Sep 28, 2004	49.76	0.2	0.20	47.52	0.65	0.65	43.54	0.64	0.64
Sep 29, 2004	49.53	-0.23		46.54	-0.98		43.13	-0.41	
Sep 30, 2004	49.56	0.03	0.03	47.76	1.22	1.22	43.39	0.26	0.26
Oct 01, 2004	50.16	0.6	0.60	46.86	-0.9		43.29	-0.1	
Oct 04, 2004	49.85	-0.31		46.99	0.13	0.13	43.28	-0.01	
Oct 05, 2004	51.08	1.23	1.23	47.1	0.11	0.11	43.80	0.52	0.52
Oct 06, 2004	51.98	0.9	0.90	47.95	0.85	0.85	44.26	0.46	0.46
Oct 07, 2004	52.56	0.58	0.58	48.98	1.03	1.03	45.08	0.82	0.82
Oct 08, 2004	53.4	0.84	0.84	49.41	0.43	0.43	45.19	0.11	0.11
Oct 11, 2004	53.65	0.25	0.25	50.75	1.34	1.34	46.04	0.85	0.85
Oct 12, 2004	53.49	-0.16		51.28	0.53	0.53	46.49	0.45	0.45
Oct 13, 2004	53.86	0.37	0.37	50.42	-0.86		44.99	-1.5	
Oct 14, 2004	54.69	0.83	0.83	51.31	0.89	0.89	45.48	0.49	0.49
Oct 15, 2004	54.89	0.2	0.20	51.02	-0.29		46.14	0.66	0.66
Oct 18, 2004	53.59	-1.3		49.16	-1.86		45.47	-0.67	
Oct 19, 2004	53.28	-0.31		49.21	0.05	0.05	44.98	-0.49	
Oct 20, 2004	54.93	1.65	1.65	50.78	1.57	1.57	45.87	0.89	0.89
Oct 21, 2004	54.51	-0.42		51.06	0.28	0.28	46.61	0.74	0.74
Oct 22, 2004	55.83	1.32	1.32	52.28	1.22	1.22	46.52	-0.09	
Oct 25, 2004	55.52	-0.31		51.68	-0.6		46.06	-0.46	
Oct 26, 2004	56.37	0.85	0.85	52.04	0.36	0.36	45.48	-0.58	
Oct 27, 2004	52.52	-3.85		49.99	-2.05		44.75	-0.73	
Oct 28, 2004	50.95	-1.57		48.88	-1.11		43.59	-1.16	
Oct 29, 2004	51.78	0.83	0.83	48.16	-0.72		43.39	-0.2	
Nov 01, 2004	50.1	-1.68		46.84	-1.32		43.31	-0.08	
Nov 02, 2004	49.6	-0.5		46.25	-0.59		41.98	-1.33	
Nov 03, 2004	50.9	1.3	1.30	46.14	-0.11		41.44	-0.54	
Nov 04, 2004	48.8	-2.1		45.32	-0.82		40.53	-0.91	
Nov 05, 2004	49.65	0.85	0.85	44.37	-0.95		38.56	-1.97	
Nov 08, 2004	49.1	-0.55		44.78	0.41	0.41	38.67	0.11	0.11
Nov 09, 2004	47.4	-1.7		43.27	-1.51		38.03	-0.64	
Nov 10, 2004	48.7	1.3	1.30	42.57	-0.7		37.73	-0.3	
Nov 11, 2004	47.5	-1.2		42.22	-0.35		37.16	-0.57	
Nov 12, 2004	47.3	-0.2		41.33	-0.89		36.96	-0.2	
Nov 15, 2004	46.95	-0.35		39.32	-2.01		36.11	-0.85	
Nov 16, 2004	46.1	-0.85		40.48	1.16	1.16	35.94	-0.17	
Nov 17, 2004	46.85	0.75	0.75	40.27	-0.21		35.49	-0.45	
Nov 18, 2004	46.3	-0.55		40.8	0.53	0.53	36.20	0.71	0.71
Nov 19, 2004	48.9	2.6	2.60	42.29	1.49	1.49	37.53	1.33	1.33
Nov 22, 2004	48.48	-0.42		42.26	-0.03		38.62	1.09	1.09
Nov 23, 2004	48.74	0.26	0.26	43.03	0.77	0.77	38.69	0.07	0.07
Nov 24, 2004	49.14	0.4	0.40	42.62	-0.41		38.95	0.26	0.26
Nov 25, 2004	NA			43.12	0.5	0.50	39.06	0.11	0.11
Nov 26, 2004	NA			42.87	-0.25		38.89	-0.17	
Nov 29, 2004	49.71	0.57	0.57	44.05	1.18	1.18	39.46	0.57	0.57
Nov 30, 2004	49.16	-0.55		44.23	0.18	0.18	39.77	0.31	0.31
Dec 01, 2004	45.56	-3.6		41.19	-3.04		38.03	-1.74	
Dec 02, 2004	43.31	-2.25		38.49	-2.7		35.42	-2.61	
Dec 03, 2004	42.56	-0.75		38.57	0.08	0.08	34.53	-0.89	
Dec 06, 2004	42.96	0.4	0.40	38.43	-0.14		34.89	0.36	0.36
Dec 07, 2004	41.51	-1.45		37.11	-1.32		34.21	-0.68	
Dec 08, 2004	41.96	0.45	0.45	36.9	-0.21		33.78	-0.43	
Dec 09, 2004	42.41	0.45	0.45	38.33	1.43	1.43	34.29	0.51	0.51
Dec 10, 2004	40.71	-1.7		37.24	-1.09		33.92	-0.37	
Dec 13, 2004	41.06	0.35	0.35	36.77	-0.47		33.99	0.07	0.07
Dec 14, 2004	41.76	0.7	0.70	37.03	0.26	0.26	34.72	0.73	0.73
Dec 15, 2004	44.21	2.45	2.45	41.53	4.5	4.50	36.47	1.75	1.75
Dec 16, 2004	44.16	-0.05		41.49	-0.04		36.84	0.37	0.37
Dec 17, 2004	46.31	2.15	2.15	43.06	1.57	1.57	37.87	1.03	1.03

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Dec 20, 2004	45.57	-0.74		42.67	-0.39		38.34	0.47	0.47
Dec 21, 2004	45.76	0.19	0.19	42.76	0.09	0.09	38.26	-0.08	
Dec 22, 2004	44.05	-1.71		40.44	-2.32		37.41	-0.85	
Dec 23, 2004	42.19	-1.86		40.29	-0.15		36.71	-0.7	
Dec 24, 2004	NA			39.6	-0.69		36.58	-0.13	
Dec 27, 2004	41.26	-0.93		39.6	0		35.30	-1.28	
Dec 28, 2004	41.78	0.52	0.52	40.24	0.64	0.64	34.81	-0.49	
Dec 29, 2004	43.69	1.91	1.91	38.93	-1.31		35.54	0.73	0.73
Dec 30, 2004	43.36	-0.33		39.8	0.87	0.87	36.19	0.65	0.65
Dec 31, 2004	NA			40.38	0.58	0.58	36.43	0.24	0.24
Jan 03, 2005	42.16	-1.2		NA			35.67	-0.76	
Jan 04, 2005	43.96	1.8	1.80	40.75	0.37	0.37	36.57	0.9	0.90
Jan 05, 2005	43.41	-0.55		41	0.25	0.25	37.24	0.67	0.67
Jan 06, 2005	45.51	2.1	2.10	43.25	2.25	2.25	38.19	0.95	0.95
Jan 07, 2005	45.32	-0.19		43.28	0.03	0.03	39.35	1.16	1.16
Jan 10, 2005	45.31	-0.01		44.71	1.43	1.43	40.12	0.77	0.77
Jan 11, 2005	45.66	0.35	0.35	43.45	-1.26		39.45	-0.67	
Jan 12, 2005	46.46	0.8	0.80	43.75	0.3	0.30	39.81	0.36	0.36
Jan 13, 2005	48.11	1.65	1.65	45.76	2.01	2.01	41.08	1.27	1.27
Jan 14, 2005	48.41	0.3	0.30	45.26	-0.5		41.80	0.72	0.72
Jan 17, 2005	NA			45.1	-0.16		41.81	0.01	0.01
Jan 18, 2005	48.46	0.05	0.05	45.18	0.08	0.08	41.97	0.16	0.16
Jan 19, 2005	47.61	-0.85		45.16	-0.02		41.52	-0.45	
Jan 20, 2005	47.01	-0.6		44.06	-1.1		40.68	-0.84	
Jan 21, 2005	48.31	1.3	1.30	45.88	1.82	1.82	41.63	0.95	0.95
Jan 24, 2005	48.61	0.3	0.30	45.74	-0.14		42.49	0.86	0.86
Jan 25, 2005	49.43	0.82	0.82	46.14	0.4	0.40	42.68	0.19	0.19
Jan 26, 2005	48.8	-0.63		45.94	-0.2		43.10	0.42	0.42
Jan 27, 2005	48.8	0		46.51	0.57	0.57	43.01	-0.09	
Jan 28, 2005	47.15	-1.65		44.75	-1.76		41.88	-1.13	
Jan 31, 2005	48.25	1.1	1.10	44.51	-0.24		40.95	-0.93	
Feb 01, 2005	47.1	-1.15		45.12	0.61	0.61	41.28	0.33	0.33
Feb 02, 2005	46.65	-0.45		44.17	-0.95		40.62	-0.66	
Feb 03, 2005	46.4	-0.25		43.13	-1.04		40.19	-0.43	
Feb 04, 2005	46.45	0.05	0.05	43.26	0.13	0.13	40.73	0.54	0.54
Feb 07, 2005	45.35	-1.1		42.7	-0.56		39.98	-0.75	
Feb 08, 2005	45.4	0.05	0.05	42.79	0.09	0.09	39.79	-0.19	
Feb 09, 2005	45.45	0.05	0.05	42.49	-0.3		39.94	0.15	0.15
Feb 10, 2005	47.05	1.6	1.60	44.04	1.55	1.55	40.54	0.6	0.60
Feb 11, 2005	47.15	0.1	0.10	44.41	0.37	0.37	41.38	0.84	0.84
Feb 14, 2005	47.5	0.35	0.35	44.51	0.1	0.10	41.44	0.06	0.06
Feb 15, 2005	47.3	-0.2		44.91	0.4	0.40	41.84	0.4	0.40
Feb 16, 2005	48.35	1.05	1.05	45.42	0.51	0.51	41.87	0.03	0.03
Feb 17, 2005	47.5	-0.85		45.42	0		42.56	0.69	0.69
Feb 18, 2005	48.45	0.95	0.95	45.86	0.44	0.44	42.68	0.12	0.12
Feb 21, 2005	NA			46.09	0.23	0.23	43.12	0.44	0.44
Feb 22, 2005	51	2.55	2.55	47.6	1.51	1.51	44.28	1.16	1.16
Feb 23, 2005	51.73	0.73	0.73	48.16	0.56	0.56	44.72	0.44	0.44
Feb 24, 2005	52.05	0.32	0.32	49.24	1.08	1.08	45.24	0.52	0.52
Feb 25, 2005	52.2	0.15	0.15	50.05	0.81	0.81	45.49	0.25	0.25
Feb 28, 2005	51.75	-0.45		50.13	0.08	0.08	46.26	0.77	0.77
Mar 01, 2005	51.67	-0.08		50.47	0.34	0.34	46.17	-0.09	
Mar 02, 2005	53	1.33	1.33	51.05	0.58	0.58	47.01	0.84	0.84
Mar 03, 2005	53.6	0.6	0.60	52.89	1.84	1.84	48.36	1.35	1.35
Mar 04, 2005	53.7	0.1	0.10	52.1	-0.79		48.37	0.01	0.01
Mar 07, 2005	53.9	0.2	0.20	51.87	-0.23		48.15	-0.22	
Mar 08, 2005	54.55	0.65	0.65	53.29	1.42	1.42	49.01	0.86	0.86
Mar 09, 2005	54.75	0.2	0.20	54.11	0.82	0.82	49.87	0.86	0.86
Mar 10, 2005	53.52	-1.23		53.04	-1.07		49.40	-0.47	
Mar 11, 2005	54.4	0.88	0.88	53.15	0.11	0.11	49.20	-0.2	
Mar 14, 2005	54.9	0.5	0.50	53.68	0.53	0.53	49.59	0.39	0.39
Mar 15, 2005	55.05	0.15	0.15	53.97	0.29	0.29	50.21	0.62	0.62
Mar 16, 2005	56.5	1.45	1.45	54.61	0.64	0.64	50.78	0.57	0.57
Mar 17, 2005	56.4	-0.1		56.03	1.42	1.42	51.76	0.98	0.98

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Mar 18, 2005	56.8	0.4	0.40	55.97	-0.06		51.67	-0.09	
Mar 21, 2005	56.7	-0.1		55.79	-0.18		51.76	0.09	0.09
Mar 22, 2005	55.95	-0.75		55.39	-0.4		51.03	-0.73	
Mar 23, 2005	49.43	-6.52		51.52	-3.87		49.09	-1.94	
Mar 24, 2005	49.7	0.27	0.27	52.35	0.83	0.83	50.12	1.03	1.03
Mar 28, 2005	54.06	4.36	4.36	51.75	-0.6		49.26	-0.86	
Mar 29, 2005	54.26	0.2	0.20	51.42	-0.33		49.04	-0.22	
Mar 30, 2005	53.96	-0.3		50.63	-0.79		48.80	-0.24	
Mar 31, 2005	55.31	1.35	1.35	53.22	2.59	2.59	50.23	1.43	1.43
Apr 01, 2005	57.26	1.95	1.95	54.14	0.92	0.92	51.65	1.42	1.42
Apr 04, 2005	56.86	-0.4		55.92	1.78	1.78	52.93	1.28	1.28
Apr 05, 2005	55.83	-1.03		54.53	-1.39		52.27	-0.66	
Apr 06, 2005	55.88	0.05	0.05	54.08	-0.45		52.10	-0.17	
Apr 07, 2005	54.16	-1.72		52.57	-1.51		51.85	-0.25	
Apr 08, 2005	53.46	-0.7		51.83	-0.74		49.94	-1.91	
Apr 11, 2005	53.71	0.25	0.25	51.21	-0.62		49.14	-0.8	
Apr 12, 2005	51.54	-2.17		51.53	0.32	0.32	49.43	0.29	0.29
Apr 13, 2005	50.21	-1.33		49.67	-1.86		47.84	-1.59	
Apr 14, 2005	51.11	0.9	0.90	50.21	0.54	0.54	47.50	-0.34	
Apr 15, 2005	50.61	-0.5		49.52	-0.69		47.08	-0.42	
Apr 18, 2005	50.52	-0.09		48.58	-0.94		46.52	-0.56	
Apr 19, 2005	52.33	1.81	1.81	50.79	2.21	2.21	47.71	1.19	1.19
Apr 20, 2005	52.45	0.12	0.12	51.53	0.74	0.74	49.02	1.31	1.31
Apr 21, 2005	52.49	0.04	0.04	51.73	0.2	0.20	49.25	0.23	0.23
Apr 22, 2005	54.16	1.67	1.67	53.51	1.78	1.78	50.61	1.36	1.36
Apr 25, 2005	53.16	-1		53.1	-0.41		50.17	-0.44	
Apr 26, 2005	54.33	1.17	1.17	52.47	-0.63		49.90	-0.27	
Apr 27, 2005	51.37	-2.96		51.29	-1.18		48.88	-1.02	
Apr 28, 2005	51.92	0.55	0.55	50.74	-0.55		48.03	-0.85	
Apr 29, 2005	49.2	-2.72		50.61	-0.13		47.90	-0.13	
May 02, 2005	50.94	1.74	1.74	50.89	0.28	0.28	47.79	-0.11	
May 03, 2005	49.6	-1.34		49.48	-1.41		47.40	-0.39	
May 04, 2005	50.22	0.62	0.62	50.36	0.88	0.88	47.33	-0.07	
May 05, 2005	51.12	0.9	0.90	49.81	-0.55		47.63	0.3	0.30
May 06, 2005	51.3	0.18	0.18	49.7	-0.11		47.92	0.29	0.29
May 09, 2005	52.04	0.74	0.74	49.71	0.01	0.01	47.82	-0.1	
May 10, 2005	51.76	-0.28		50.61	0.9	0.90	48.16	0.34	0.34
May 11, 2005	50.39	-1.37		48.91	-1.7		47.39	-0.77	
May 12, 2005	48.83	-1.56		47.4	-1.51		45.87	-1.52	
May 13, 2005	48.65	-0.18		46.85	-0.55		45.54	-0.33	
May 16, 2005	48.64	-0.01		46.42	-0.43		45.47	-0.07	
May 17, 2005	48.97	0.33	0.33	47.31	0.89	0.89	45.60	0.13	0.13
May 18, 2005	46.99	-1.98		47.35	0.04	0.04	45.11	-0.49	
May 19, 2005	47	0.01	0.01	46.92	-0.43		44.65	-0.46	
May 20, 2005	47.25	0.25	0.25	46.91	-0.01		45.27	0.62	0.62
May 23, 2005	48.68	1.43	1.43	47.28	0.37	0.37	45.50	0.23	0.23
May 24, 2005	49.14	0.46	0.46	47.29	0.01	0.01	45.70	0.2	0.20
May 25, 2005	50.37	1.23	1.23	49.24	1.95	1.95	46.41	0.71	0.71
May 26, 2005	50.89	0.52	0.52	49.71	0.47	0.47	47.17	0.76	0.76
May 27, 2005	51.65	0.76	0.76	49.42	-0.29		47.45	0.28	0.28
May 30, 2005	NA			49.33	-0.09		47.62	0.17	0.17
May 31, 2005	52.08	0.43	0.43	49.3	-0.03		47.60	-0.02	
Jun 01, 2005	54.4	2.32	2.32	50.46	1.16	1.16	49.30	1.7	1.70
Jun 02, 2005	53.46	-0.94		51.3	0.84	0.84	50.23	0.93	0.93
Jun 03, 2005	55.08	1.62	1.62	51.9	0.6	0.60	50.72	0.49	0.49
Jun 06, 2005	54.46	-0.62		52.61	0.71	0.71	51.18	0.46	0.46
Jun 07, 2005	53.84	-0.62		51.62	-0.99		50.74	-0.44	
Jun 08, 2005	52.51	-1.33		51.92	0.3	0.30	50.21	-0.53	
Jun 09, 2005	54.36	1.85	1.85	51.36	-0.56		50.55	0.34	0.34
Jun 10, 2005	53.55	-0.81		51.98	0.62	0.62	50.74	0.19	0.19
Jun 13, 2005	55.47	1.92	1.92	52	0.02	0.02	50.83	0.09	0.09
Jun 14, 2005	55.03	-0.44		53.52	1.52	1.52	52.05	1.22	1.22
Jun 15, 2005	55.53	0.5	0.50	54.12	0.6	0.60	52.26	0.21	0.21
Jun 16, 2005	56.48	0.95	0.95	54.3	0.18	0.18	50.18	-2.08	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jun 17, 2005	58.4	1.92	1.92	56.92	2.62	2.62	51.58	1.4	1.40
Jun 20, 2005	59.19	0.79	0.79	57.1	0.18	0.18	52.78	1.2	1.20
Jun 21, 2005	58.9	-0.29		57.36	0.26	0.26	52.88	0.1	0.10
Jun 22, 2005	58.27	-0.63		56.06	-1.3		52.34	-0.54	
Jun 23, 2005	59.23	0.96	0.96	57.03	0.97	0.97	52.69	0.35	0.35
Jun 24, 2005	59.63	0.4	0.40	57.21	0.18	0.18	53.36	0.67	0.67
Jun 27, 2005	59.78	0.15	0.15	58.5	1.29	1.29	54.26	0.9	0.90
Jun 28, 2005	58.32	-1.46		57.75	-0.75		53.82	-0.44	
Jun 29, 2005	57.23	-1.09		55.42	-2.33		52.50	-1.32	
Jun 30, 2005	56.63	-0.6		55.36	-0.06		52.01	-0.49	
Jul 01, 2005	59.11	2.48	2.48	56.41	1.05	1.05	52.58	0.57	0.57
Jul 04, 2005	NA			57.13	0.72	0.72	53.41	0.83	0.83
Jul 05, 2005	59.71	0.6	0.60	57.86	0.73	0.73	53.90	0.49	0.49
Jul 06, 2005	61.24	1.53	1.53	58.38	0.52	0.52	54.80	0.9	0.90
Jul 07, 2005	60.76	-0.48		57.55	-0.83		54.82	0.02	0.02
Jul 08, 2005	59.71	-1.05		59	1.45	1.45	54.94	0.12	0.12
Jul 11, 2005	59.23	-0.48		56.1	-2.9		53.31	-1.63	
Jul 12, 2005	60.49	1.26	1.26	58.95	2.85	2.85	54.31	1	1.00
Jul 13, 2005	60	-0.49		58.33	-0.62		54.53	0.22	0.22
Jul 14, 2005	57.83	-2.17		56.79	-1.54		53.37	-1.16	
Jul 15, 2005	58.36	0.53	0.53	56.98	0.19	0.19	52.44	-0.93	
Jul 18, 2005	57.12	-1.24		56.25	-0.73		52.38	-0.06	
Jul 19, 2005	57.61	0.49	0.49	56.75	0.5	0.50	51.90	-0.48	
Jul 20, 2005	56.73	-0.88		56.39	-0.36		52.15	0.25	0.25
Jul 21, 2005	57.31	0.58	0.58	55.59	-0.8		51.23	-0.92	
Jul 22, 2005	57.75	0.44	0.44	56.98	1.39	1.39	51.81	0.58	0.58
Jul 25, 2005	58.16	0.41	0.41	57.51	0.53	0.53	52.07	0.26	0.26
Jul 26, 2005	59.05	0.89	0.89	58.58	1.07	1.07	52.69	0.62	0.62
Jul 27, 2005	59.12	0.07	0.07	58.34	-0.24		52.86	0.17	0.17
Jul 28, 2005	59.91	0.79	0.79	58.28	-0.06		53.13	0.27	0.27
Jul 29, 2005	60.71	0.8	0.80	59.77	1.49	1.49	54.20	1.07	1.07
Aug 01, 2005	61.51	0.8	0.80	60.56	0.79	0.79	55.12	0.92	0.92
Aug 02, 2005	61.87	0.36	0.36	60.13	-0.43		55.13	0.01	0.01
Aug 03, 2005	60.76	-1.11		60.04	-0.09		55.43	0.3	0.30
Aug 04, 2005	61.6	0.84	0.84	60.62	0.58	0.58	55.07	-0.36	
Aug 05, 2005	62.44	0.84	0.84	60.73	0.11	0.11	55.29	0.22	0.22
Aug 08, 2005	63.92	1.48	1.48	62.56	1.83	1.83	56.57	1.28	1.28
Aug 09, 2005	63.13	-0.79		62.79	0.23	0.23	56.45	-0.12	
Aug 10, 2005	64.8	1.67	1.67	63.77	0.98	0.98	57.30	0.85	0.85
Aug 11, 2005	65.67	0.87	0.87	65.9	2.13	2.13	58.28	0.98	0.98
Aug 12, 2005	66.71	1.04	1.04	67.26	1.36	1.36	59.14	0.86	0.86
Aug 15, 2005	66.21	-0.5		66.68	-0.58		59.05	-0.09	
Aug 16, 2005	66.11	-0.1		65.1	-1.58		58.89	-0.16	
Aug 17, 2005	63.29	-2.82		63.41	-1.69		57.71	-1.18	
Aug 18, 2005	63.47	0.18	0.18	61.75	-1.66		56.51	-1.2	
Aug 19, 2005	65.51	2.04	2.04	64.21	2.46	2.46	57.53	1.02	1.02
Aug 22, 2005	65.46	-0.05		65.87	1.66	1.66	58.10	0.57	0.57
Aug 23, 2005	65.81	0.35	0.35	65.16	-0.71		58.15	0.05	0.05
Aug 24, 2005	67.1	1.29	1.29	65.25	0.09	0.09	58.90	0.75	0.75
Aug 25, 2005	67.29	0.19	0.19	65.88	0.63	0.63	59.75	0.85	0.85
Aug 26, 2005	66.05	-1.24		66.23	0.35	0.35	59.76	0.01	0.01
Aug 29, 2005	67.41	1.36	1.36	64.77	-1.46		60.33	0.57	0.57
Aug 30, 2005	69.91	2.5	2.50	66.15	1.38	1.38	60.36	0.03	0.03
Aug 31, 2005	68.63	-1.28		66.8	0.65	0.65	61.10	0.74	0.74
Sep 01, 2005	69.5	0.87	0.87	66.79	-0.01		61.37	0.27	0.27
Sep 02, 2005	66.91	-2.59		65.95	-0.84		60.73	-0.64	
Sep 05, 2005	NA			64.16	-1.79		59.22	-1.51	
Sep 06, 2005	65.83	-1.08		64.16	0		59.05	-0.17	
Sep 07, 2005	64.38	-1.45		63.6	-0.56		58.43	-0.62	
Sep 08, 2005	64.8	0.42	0.42	61.66	-1.94		57.48	-0.95	
Sep 09, 2005	64.21	-0.59		62.62	0.96	0.96	57.58	0.1	0.10
Sep 12, 2005	63.29	-0.92		60.69	-1.93		56.73	-0.85	
Sep 13, 2005	63.18	-0.11		61.31	0.62	0.62	55.82	-0.91	
Sep 14, 2005	65.2	2.02	2.02	61.7	0.39	0.39	56.28	0.46	0.46

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Sep 15, 2005	64.64	-0.56		61.9	0.2	0.20	57.53	1.25	1.25
Sep 16, 2005	62.91	-1.73		60.48	-1.42		56.62	-0.91	
Sep 19, 2005	67.21	4.3	4.30	64.04	3.56	3.56	57.56	0.94	0.94
Sep 20, 2005	66.24	-0.97		62.98	-1.06		58.30	0.74	0.74
Sep 21, 2005	66.96	0.72	0.72	64.31	1.33	1.33	58.90	0.6	0.60
Sep 22, 2005	67.07	0.11	0.11	64.64	0.33	0.33	59.28	0.38	0.38
Sep 23, 2005	64.67	-2.4		62.17	-2.47		57.71	-1.57	
Sep 26, 2005	65.98	1.31	1.31	61.73	-0.44		56.91	-0.8	
Sep 27, 2005	64.94	-1.04		62.56	0.83	0.83	57.71	0.8	0.80
Sep 28, 2005	66.36	1.42	1.42	62.81	0.25	0.25	57.65	-0.06	
Sep 29, 2005	66.83	0.47	0.47	62.02	-0.79		58.17	0.52	0.52
Sep 30, 2005	66.21	-0.62		61.7	-0.32		58.02	-0.15	
Oct 03, 2005	65.36	-0.85		61.64	-0.06		58.11	0.09	0.09
Oct 04, 2005	63.74	-1.62		59.17	-2.47		56.48	-1.63	
Oct 05, 2005	62.56	-1.18		59.33	0.16	0.16	55.86	-0.62	
Oct 06, 2005	61.81	-0.75		57.2	-2.13		54.27	-1.59	
Oct 07, 2005	61.81	0		57.29	0.09	0.09	53.72	-0.55	
Oct 10, 2005	60.71	-1.1		57.01	-0.28		53.97	0.25	0.25
Oct 11, 2005	63.84	3.13	3.13	58.1	1.09	1.09	54.47	0.5	0.50
Oct 12, 2005	64.13	0.29	0.29	59.91	1.81	1.81	55.37	0.9	0.90
Oct 13, 2005	63.05	-1.08		59.48	-0.43		55.23	-0.14	
Oct 14, 2005	62.61	-0.44		58.45	-1.03		54.34	-0.89	
Oct 17, 2005	64.26	1.65	1.65	59.81	1.36	1.36	55.24	0.9	0.90
Oct 18, 2005	62.94	-1.32		58.85	-0.96		54.41	-0.83	
Oct 19, 2005	62.11	-0.83		58.13	-0.72		53.64	-0.77	
Oct 20, 2005	61.04	-1.07		57.04	-1.09		52.85	-0.79	
Oct 21, 2005	61.05	0.01	0.01	56.94	-0.1		52.47	-0.38	
Oct 24, 2005	60.63	-0.42		57.64	0.7	0.70	52.63	0.16	0.16
Oct 25, 2005	62.83	2.2	2.20	58.72	1.08	1.08	53.29	0.66	0.66
Oct 26, 2005	60.85	-1.98		58.56	-0.16		54.41	1.12	1.12
Oct 27, 2005	61.03	0.18	0.18	58.1	-0.46		53.79	-0.62	
Oct 28, 2005	61.3	0.27	0.27	59.47	1.37	1.37	53.73	-0.06	
Oct 31, 2005	59.8	-1.5		58.47	-1		52.99	-0.74	
Nov 01, 2005	59.85	0.05	0.05	56.69	-1.78		52.91	-0.08	
Nov 02, 2005	59.75	-0.1		58.53	1.84	1.84	52.88	-0.03	
Nov 03, 2005	61.7	1.95	1.95	59.55	1.02	1.02	53.45	0.57	0.57
Nov 04, 2005	60.6	-1.1		60.48	0.93	0.93	54.25	0.8	0.80
Nov 07, 2005	59.4	-1.2		58.19	-2.29		52.86	-1.39	
Nov 08, 2005	59.7	0.3	0.30	57.89	-0.3		52.31	-0.55	
Nov 09, 2005	59.65	-0.05		57.71	-0.18		52.20	-0.11	
Nov 10, 2005	57.8	-1.85		55.85	-1.86		51.30	-0.9	
Nov 11, 2005	57.45	-0.35		54.3	-1.55		50.25	-1.05	
Nov 14, 2005	57.6	0.15	0.15	54.1	-0.2		50.43	0.18	0.18
Nov 15, 2005	57.05	-0.55		54.45	0.35	0.35	50.01	-0.42	
Nov 16, 2005	57.85	0.8	0.80	53.68	-0.77		49.73	-0.28	
Nov 17, 2005	56.2	-1.65		53.8	0.12	0.12	50.11	0.38	0.38
Nov 18, 2005	56.3	0.1	0.10	52.84	-0.96		49.49	-0.62	
Nov 21, 2005	57.75	1.45	1.45	53.36	0.52	0.52	50.15	0.66	0.66
Nov 22, 2005	58.3	0.55	0.55	54.21	0.85	0.85	50.70	0.55	0.55
Nov 23, 2005	58.35	0.05	0.05	53.73	-0.48		51.05	0.35	0.35
Nov 24, 2005	NA			53.41	-0.32		50.89	-0.16	
Nov 25, 2005	NA			53.15	-0.26		50.42	-0.47	
Nov 28, 2005	57.36	-0.99		52.91	-0.24		50.04	-0.38	
Nov 29, 2005	56.46	-0.9		53.24	0.33	0.33	49.78	-0.26	
Nov 30, 2005	57.33	0.87	0.87	53.25	0.01	0.01	49.69	-0.09	
Dec 01, 2005	58.46	1.13	1.13	53.65	0.4	0.40	50.71	1.02	1.02
Dec 02, 2005	59.31	0.85	0.85	54.91	1.26	1.26	51.87	1.16	1.16
Dec 05, 2005	59.91	0.6	0.60	56.05	1.14	1.14	52.72	0.85	0.85
Dec 06, 2005	59.96	0.05	0.05	55.68	-0.37		52.85	0.13	0.13
Dec 07, 2005	59.21	-0.75		55.17	-0.51		52.88	0.03	0.03
Dec 08, 2005	60.66	1.45	1.45	56.26	1.09	1.09	52.94	0.06	0.06
Dec 09, 2005	59.41	-1.25		57.18	0.92	0.92	53.95	1.01	1.01
Dec 12, 2005	61.36	1.95	1.95	57.23	0.05	0.05	53.50	-0.45	
Dec 13, 2005	61.36	0		59.16	1.93	1.93	54.44	0.94	0.94

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Dec 14, 2005	60.86	-0.5		59.59	0.43	0.43	54.62	0.18	0.18
Dec 15, 2005	60.01	-0.85		59.67	0.08	0.08	54.44	-0.18	
Dec 16, 2005	58.01	-2		58.11	-1.56		53.25	-1.19	
Dec 19, 2005	57.31	-0.7		56.09	-2.02		51.62	-1.63	
Dec 20, 2005	57.81	0.5	0.50	56.08	-0.01		51.37	-0.25	
Dec 21, 2005	58.56	0.75	0.75	56.05	-0.03		51.43	0.06	0.06
Dec 22, 2005	58.08	-0.48		57.3	1.25	1.25	51.98	0.55	0.55
Dec 23, 2005	58.08	0		56.28	-1.02		51.53	-0.45	
Dec 26, 2005	NA			56.54	0.26	0.26	NA		
Dec 27, 2005	58.16	0.08	0.08				51.14	-0.39	
Dec 28, 2005	59.81	1.65	1.65	56.91	0.37	0.37	51.73	0.59	0.59
Dec 29, 2005	60.26	0.45	0.45	57.72	0.81	0.81	52.90	1.17	1.17
Dec 30, 2005	61.06	0.8	0.80	58.34	0.62	0.62	53.47	0.57	0.57
Jan 03, 2006	63.11	2.05	2.05	61.51	3.17	3.17	55.60	2.13	2.13
Jan 04, 2006	63.41	0.3	0.30	61.25	-0.26		56.38	0.78	0.78
Jan 05, 2006	62.81	-0.6		61.68	0.43	0.43	56.61	0.23	0.23
Jan 06, 2006	64.21	1.4	1.40	62.43	0.75	0.75	56.78	0.17	0.17
Jan 09, 2006	63.56	-0.65		62.51	0.08	0.08	57.29	0.51	0.51
Jan 10, 2006	63.41	-0.15		62.32	-0.19		57.11	-0.18	
Jan 11, 2006	63.91	0.5	0.50	61.54	-0.78		56.87	-0.24	
Jan 12, 2006	63.96	0.05	0.05	62.95	1.41	1.41	57.63	0.76	0.76
Jan 13, 2006	63.86	-0.1		61.58	-1.37		57.16	-0.47	
Jan 16, 2006	NA			62.34	0.76	0.76	57.76	0.6	0.60
Jan 17, 2006	66.36	2.5	2.50	63.22	0.88	0.88	58.58	0.82	0.82
Jan 18, 2006	65.76	-0.6		63.6	0.38	0.38	59.42	0.84	0.84
Jan 19, 2006	66.86	1.1	1.10	63.64	0.04	0.04	59.26	-0.16	
Jan 20, 2006	68.16	1.3	1.30	64.92	1.28	1.28	60.63	1.37	1.37
Jan 23, 2006	68.06	-0.1		64.56	-0.36		60.90	0.27	0.27
Jan 24, 2006	66.83	-1.23		63.82	-0.74		60.51	-0.39	
Jan 25, 2006	65.6	-1.23		62.61	-1.21		59.33	-1.18	
Jan 26, 2006	65.8	0.2	0.20	62.93	0.32	0.32	59.30	-0.03	
Jan 27, 2006	67.81	2.01	2.01	64.95	2.02	2.02	60.22	0.92	0.92
Jan 30, 2006	68.36	0.55	0.55	65.14	0.19	0.19	60.42	0.2	0.20
Jan 31, 2006	67.86	-0.5		63.19	-1.95		60.40	-0.02	
Feb 01, 2006	66.61	-1.25		65.64	2.45	2.45	60.77	0.37	0.37
Feb 02, 2006	64.71	-1.9		63.49	-2.15		59.49	-1.28	
Feb 03, 2006	65.41	0.7	0.70	62.54	-0.95		58.33	-1.16	
Feb 06, 2006	65.11	-0.3		63.32	0.78	0.78	59.34	1.01	1.01
Feb 07, 2006	63.01	-2.1		61.64	-1.68		58.17	-1.17	
Feb 08, 2006	62.51	-0.5		60.82	-0.82		57.19	-0.98	
Feb 09, 2006	62.66	0.15	0.15	60.7	-0.12		57.17	-0.02	
Feb 10, 2006	62.01	-0.65		59.66	-1.04		56.63	-0.54	
Feb 13, 2006	61.26	-0.75		59.16	-0.5		55.85	-0.78	
Feb 14, 2006	59.61	-1.65		58.27	-0.89		55.30	-0.55	
Feb 15, 2006	57.61	-2		57.67	-0.6		54.35	-0.95	
Feb 16, 2006	58.61	1	1.00	56.78	-0.89		53.62	-0.73	
Feb 17, 2006	59.76	1.15	1.15	NA			54.58	0.96	0.96
Feb 20, 2006	NA			NA			55.78	1.2	1.20
Feb 21, 2006	61.21	1.45	1.45	59.35	2.57	2.57	56.07	0.29	0.29
Feb 22, 2006	59.03	-2.18		NA			55.72	-0.35	
Feb 23, 2006	58.03	-1		58.71	-0.64		55.18	-0.54	
Feb 24, 2006	61.46	3.43	3.43	NA			56.43	1.25	1.25
Feb 27, 2006	61.01	-0.45		59.44	0.73	0.73	56.38	-0.05	
Feb 28, 2006	61.37	0.36	0.36	59.78	0.34	0.34	56.01	-0.37	
Mar 01, 2006	62.01	0.64	0.64	61.12	1.34	1.34	57.13	1.12	1.12
Mar 02, 2006	63.36	1.35	1.35	62.27	1.15	1.15	58.10	0.97	0.97
Mar 03, 2006	63.61	0.25	0.25	62.69	0.42	0.42	59.17	1.07	1.07
Mar 06, 2006	62.46	-1.15		61.41	-1.28		58.64	-0.53	
Mar 07, 2006	61.51	-0.95		59.79	-1.62		57.47	-1.17	
Mar 08, 2006	60.06	-1.45		58.42	-1.37		56.04	-1.43	
Mar 09, 2006	60.51	0.45	0.45	58.82	0.4	0.40	55.73	-0.31	
Mar 10, 2006	59.91	-0.6		59.04	0.22	0.22	56.18	0.45	0.45
Mar 13, 2006	61.81	1.9	1.90	60.99	1.95	1.95	56.41	0.23	0.23
Mar 14, 2006	63.01	1.2	1.20	62.39	1.4	1.40	57.69	1.28	1.28

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Mar 15, 2006	62.11	-0.9		63.12	0.73	0.73	58.30	0.61	0.61
Mar 16, 2006	63.46	1.35	1.35	62.07	-1.05		57.45	-0.85	
Mar 17, 2006	62.81	-0.65		63.54	1.47	1.47	58.47	1.02	1.02
Mar 20, 2006	60.31	-2.5		62.3	-1.24		57.32	-1.15	
Mar 21, 2006	60.41	0.1	0.10	59.96	-2.34		56.14	-1.18	
Mar 22, 2006	60.03	-0.38		61.23	1.27	1.27	56.78	0.64	0.64
Mar 23, 2006	62.13	2.1	2.10	61.76	0.53	0.53	57.14	0.36	0.36
Mar 24, 2006	63.9	1.77	1.77	62.78	1.02	1.02	58.05	0.91	0.91
Mar 27, 2006	63.75	-0.15		62.59	-0.19		58.02	-0.03	
Mar 28, 2006	65.65	1.9	1.90	64.31	1.72	1.72	59.05	1.03	1.03
Mar 29, 2006	66	0.35	0.35	64.88	0.57	0.57	59.95	0.9	0.90
Mar 30, 2006	66.7	0.7	0.70	65.95	1.07	1.07	60.64	0.69	0.69
Mar 31, 2006	66.25	-0.45		66.06	0.11	0.11	61.17	0.53	0.53
Apr 03, 2006	66.07	-0.18		67.28	1.22	1.22	61.82	0.65	0.65
Apr 04, 2006	65.75	-0.32		65.93	-1.35		61.01	-0.81	
Apr 05, 2006	66.76	1.01	1.01	66.74	0.81	0.81	61.08	0.07	0.07
Apr 06, 2006	67.22	0.46	0.46	67.58	0.84	0.84	62.13	1.05	1.05
Apr 07, 2006	67.02	-0.2		67.11	-0.47		61.80	-0.33	
Apr 10, 2006	68.29	1.27	1.27	68.2	1.09	1.09	62.61	0.81	0.81
Apr 11, 2006	69.03	0.74	0.74	68.52	0.32	0.32	63.61	1	1.00
Apr 12, 2006	68.53	-0.5		69.54	1.02	1.02	63.84	0.23	0.23
Apr 13, 2006	69.53	1	1.00	69.39	-0.15		63.82	-0.02	
Apr 17, 2006	70.3	0.77	0.77	NA			65.02	1.2	1.20
Apr 18, 2006	71.28	0.98	0.98	70.97	1.58	1.58	65.80	0.78	0.78
Apr 19, 2006	72.07	0.79	0.79	72.69	1.72	1.72	66.36	0.56	0.56
Apr 20, 2006	71.96	-0.11		72.57	-0.12		67.00	0.64	0.64
Apr 21, 2006	73.73	1.77	1.77	73.94	1.37	1.37	66.84	-0.16	
Apr 24, 2006	70.19	-3.54		73.96	0.02	0.02	67.37	0.53	0.53
Apr 25, 2006	67.43	-2.76		72.86	-1.1		66.21	-1.16	
Apr 26, 2006	71.71	4.28	4.28	73.46	0.6	0.60	66.94	0.73	0.73
Apr 27, 2006	70.76	-0.95		71.79	-1.67		65.63	-1.31	
Apr 28, 2006	71.8	1.04	1.04	72.15	0.36	0.36	65.48	-0.15	
May 01, 2006	73.75	1.95	1.95	73.37	1.22	1.22	66.20	0.72	0.72
May 02, 2006	74.62	0.87	0.87	74.45	1.08	1.08	68.37	2.17	2.17
May 03, 2006	72.26	-2.36		73.73	-0.72		68.05	-0.32	
May 04, 2006	69.98	-2.28		71.84	-1.89		66.07	-1.98	
May 05, 2006	70.09	0.11	0.11	71.22	-0.62		64.98	-1.09	
May 08, 2006	69.75	-0.34		68.26	-2.96		64.51	-0.47	
May 09, 2006	70.71	0.96	0.96	70.6	2.34	2.34	65.05	0.54	0.54
May 10, 2006	72.15	1.44	1.44	69.83	-0.77		65.60	0.55	0.55
May 11, 2006	73	0.85	0.85	72.2	2.37	2.37	67.27	1.67	1.67
May 12, 2006	71.87	-1.13		71.3	-0.9		67.02	-0.25	
May 15, 2006	69.25	-2.62		68.69	-2.61		64.67	-2.35	
May 16, 2006	69.4	0.15	0.15	68.66	-0.03		63.83	-0.84	
May 17, 2006	68.65	-0.75		67.52	-1.14		63.75	-0.08	
May 18, 2006	69.63	0.98	0.98	67.39	-0.13		62.95	-0.8	
May 19, 2006	68.44	-1.19		66.93	-0.46		63.42	0.47	0.47
May 22, 2006	69.23	0.79	0.79	66.52	-0.41		62.51	-0.91	
May 23, 2006	70.78	1.55	1.55	68.97	2.45	2.45	64.45	1.94	1.94
May 24, 2006	69.47	-1.31		68.45	-0.52		64.48	0.03	0.03
May 25, 2006	70.92	1.45	1.45	68.51	0.06	0.06	63.91	-0.57	
May 26, 2006	71.35	0.43	0.43	69.88	1.37	1.37	65.10	1.19	1.19
May 29, 2006	NA			69.16	-0.72		65.12	0.02	0.02
May 30, 2006	71.85	0.5	0.50	69.82	0.66	0.66	65.41	0.29	0.29
May 31, 2006	71.42	-0.43		67.57	-2.25		64.88	-0.53	
Jun 01, 2006	70.11	-1.31		68.77	1.2	1.20	64.84	-0.04	
Jun 02, 2006	72.73	2.62	2.62	68.42	-0.35		65.01	0.17	0.17
Jun 05, 2006	72.5	-0.23		69.13	0.71	0.71	66.48	1.47	1.47
Jun 06, 2006	72.43	-0.07		68.25	-0.88		65.93	-0.55	
Jun 07, 2006	70.9	-1.53		67.17	-1.08		65.43	-0.5	
Jun 08, 2006	70.25	-0.65		65.76	-1.41		63.84	-1.59	
Jun 09, 2006	71.62	1.37	1.37	69.13	3.37	3.37	64.85	1.01	1.01
Jun 12, 2006	70.28	-1.34		68.62	-0.51		65.41	0.56	0.56
Jun 13, 2006	68.48	-1.8		65.67	-2.95		63.20	-2.21	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jun 14, 2006	69.12	0.64	0.64	65.52	-0.15		62.66	-0.54	
Jun 15, 2006	69.78	0.66	0.66	66.04	0.52	0.52	63.10	0.44	0.44
Jun 16, 2006	69.75	-0.03		65.01	-1.03		63.02	-0.08	
Jun 19, 2006	69.21	-0.54		66.4	1.39	1.39	62.64	-0.38	
Jun 20, 2006	69.3	0.09	0.09	67.57	1.17	1.17	62.95	0.31	0.31
Jun 21, 2006	70.07	0.77	0.77	68.17	0.6	0.60	62.87	-0.08	
Jun 22, 2006	70.62	0.55	0.55	69.6	1.43	1.43	64.36	1.49	1.49
Jun 23, 2006	70.5	-0.12		69.91	0.31	0.31	64.40	0.04	0.04
Jun 26, 2006	71.63	1.13	1.13	69.85	-0.06		64.59	0.19	0.19
Jun 27, 2006	72.05	0.42	0.42	71.26	1.41	1.41	65.79	1.2	1.20
Jun 28, 2006	72.15	0.1	0.10	71.76	0.5	0.50	65.89	0.1	0.10
Jun 29, 2006	73.5	1.35	1.35	73.02	1.26	1.26	66.60	0.71	0.71
Jun 30, 2006	73.94	0.44	0.44	73.2	0.18	0.18	67.29	0.69	0.69
Jul 03, 2006	NA			73.94	0.74	0.74	68.28	0.99	0.99
Jul 04, 2006	NA			73.17	-0.77		67.85	-0.43	
Jul 05, 2006	75.2	1.26	1.26	72.88	-0.29		67.92	0.07	0.07
Jul 06, 2006	75	-0.2		73.12	0.24	0.24	68.74	0.82	0.82
Jul 07, 2006	73.76	-1.24		74.14	1.02	1.02	68.77	0.03	0.03
Jul 10, 2006	73.5	-0.26		72.39	-1.75		67.90	-0.87	
Jul 11, 2006	74.05	0.55	0.55	73.14	0.75	0.75	68.10	0.2	0.20
Jul 12, 2006	74.99	0.94	0.94	73.04	-0.1		68.66	0.56	0.56
Jul 13, 2006	76.7	1.71	1.71	75.23	2.19	2.19	70.27	1.61	1.61
Jul 14, 2006	76.8	0.1	0.10	76.13	0.9	0.90	71.71	1.44	1.44
Jul 17, 2006	75.7	-1.1		75.12	-1.01		71.40	-0.31	
Jul 18, 2006	73.87	-1.83		75.32	0.2	0.20	70.29	-1.11	
Jul 19, 2006	72.79	-1.08		71.62	-3.7		68.46	-1.83	
Jul 20, 2006	74	1.21	1.21	72.56	0.94	0.94	68.45	-0.01	
Jul 21, 2006	73.52	-0.48		72.96	0.4	0.40	68.44	-0.01	
Jul 24, 2006	74.29	0.77	0.77	72.09	-0.87		67.99	-0.45	
Jul 25, 2006	73.46	-0.83		72.49	0.4	0.40	68.71	0.72	0.72
Jul 26, 2006	73.82	0.36	0.36	73.76	1.27	1.27	68.25	-0.46	
Jul 27, 2006	74.5	0.68	0.68	75.36	1.6	1.60	69.07	0.82	0.82
Jul 28, 2006	73.3	-1.2		73.95	-1.41		68.97	-0.1	
Jul 31, 2006	74.56	1.26	1.26	74.75	0.8	0.80	68.42	-0.55	
Aug 01, 2006	74.93	0.37	0.37	76.39	1.64	1.64	69.97	1.55	1.55
Aug 02, 2006	76.16	1.23	1.23	77.63	1.24	1.24	71.20	1.23	1.23
Aug 03, 2006	75.59	-0.57		76.28	-1.35		71.08	-0.12	
Aug 04, 2006	74.78	-0.81		76.53	0.25	0.25	71.08	0	
Aug 07, 2006	77.05	2.27	2.27	77.82	1.29	1.29	72.12	1.04	1.04
Aug 08, 2006	76.29	-0.76		77.93	0.11	0.11	72.68	0.56	0.56
Aug 09, 2006	76.28	-0.01		78.26	0.33	0.33	72.54	-0.14	
Aug 10, 2006	74.17	-2.11		75.69	-2.57		70.94	-1.6	
Aug 11, 2006	74.38	0.21	0.21	75.19	-0.5		70.34	-0.6	
Aug 14, 2006	73.33	-1.05		73.78	-1.41		69.54	-0.8	
Aug 15, 2006	72.95	-0.38		73.57	-0.21		69.01	-0.53	
Aug 16, 2006	71.64	-1.31		72.67	-0.9		68.24	-0.77	
Aug 17, 2006	70.12	-1.52		70.42	-2.25		66.85	-1.39	
Aug 18, 2006	70.93	0.81	0.81	71.3	0.88	0.88	67.02	0.17	0.17
Aug 21, 2006	72.45	1.52	1.52	72.42	1.12	1.12	67.92	0.9	0.90
Aug 22, 2006	72.55	0.1	0.10	72.06	-0.36		67.99	0.07	0.07
Aug 23, 2006	71.45	-1.1		71.12	-0.94		67.34	-0.65	
Aug 24, 2006	72.02	0.57	0.57	71.4	0.28	0.28	67.00	-0.34	
Aug 25, 2006	72.13	0.11	0.11	72.58	1.18	1.18	68.10	1.1	1.10
Aug 28, 2006	70.47	-1.66		69.44	-3.14		66.03	-2.07	
Aug 29, 2006	69.74	-0.73		67.01	-2.43		65.40	-0.63	
Aug 30, 2006	70.2	0.46	0.46	67.15	0.14	0.14	65.00	-0.4	
Aug 31, 2006	70.38	0.18	0.18	67.66	0.51	0.51	65.18	0.18	0.18
Sep 01, 2006	69.24	-1.14		70.49	2.83	2.83	65.35	0.17	0.17
Sep 04, 2006	NA			68.62	-1.87		64.13	-1.22	
Sep 05, 2006	68.7	-0.54		65.94	-2.68		63.54	-0.59	
Sep 06, 2006	67.75	-0.95		65.41	-0.53		63.27	-0.27	
Sep 07, 2006	67.37	-0.38		64.52	-0.89		62.74	-0.53	
Sep 08, 2006	66.3	-1.07		64.3	-0.22		62.04	-0.7	
Sep 11, 2006	65.42	-0.88		62.41	-1.89		60.70	-1.34	



TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Sep 12, 2006	63.81	-1.61		62.23	-0.18		60.37	-0.33	
Sep 13, 2006	64.09	0.28	0.28	61.28	-0.95		58.95	-1.42	
Sep 14, 2006	63.27	-0.82		60.75	-0.53		59.22	0.27	0.27
Sep 15, 2006	63.3	0.03	0.03	60.23	-0.52		58.45	-0.77	
Sep 18, 2006	63.84	0.54	0.54	61.47	1.24	1.24	58.67	0.22	0.22
Sep 19, 2006	61.77	-2.07		62.52	1.05	1.05	58.85	0.18	0.18
Sep 20, 2006	60	-1.77		59.09	-3.43		56.23	-2.62	
Sep 21, 2006	61.62	1.62	1.62	59.27	0.18	0.18	55.92	-0.31	
Sep 22, 2006	59.79	-1.83		58.81	-0.46		56.15	0.23	0.23
Sep 25, 2006	60.74	0.95	0.95	57.89	-0.92		54.92	-1.23	
Sep 26, 2006	60.63	-0.11		58.53	0.64	0.64	55.86	0.94	0.94
Sep 27, 2006	62.96	2.33	2.33	57.6	-0.93		55.92	0.06	0.06
Sep 28, 2006	62.46	-0.5		60.68	3.08	3.08	57.57	1.65	1.65
Sep 29, 2006	62.9	0.44	0.44	59.09	-1.59		57.38	-0.19	
Oct 02, 2006	60.96	-1.94		58.8	-0.29		57.19	-0.19	
Oct 03, 2006	58.64	-2.32		56.28	-2.52		54.99	-2.2	
Oct 04, 2006	59.53	0.89	0.89	55.82	-0.46		54.10	-0.89	
Oct 05, 2006	60.02	0.49	0.49	57.93	2.11	2.11	55.27	1.17	1.17
Oct 06, 2006	59.68	-0.34		56.9	-1.03		55.05	-0.22	
Oct 09, 2006	59.93	0.25	0.25	59.25	2.35	2.35	55.70	0.65	0.65
Oct 10, 2006	58.5	-1.43		57.8	-1.45		55.31	-0.39	
Oct 11, 2006	57.56	-0.94		57.75	-0.05		54.16	-1.15	
Oct 12, 2006	58.23	0.67	0.67	57.87	0.12	0.12	54.19	0.03	0.03
Oct 13, 2006	58.69	0.46	0.46	58.97	1.1	1.10	54.90	0.71	0.71
Oct 16, 2006	59.91	1.22	1.22	58.22	-0.75		55.34	0.44	0.44
Oct 17, 2006	58.91	-1		60.13	1.91	1.91	56.17	0.83	0.83
Oct 18, 2006	57.66	-1.25		58.51	-1.62		55.27	-0.9	
Oct 19, 2006	58.55	0.89	0.89	57.74	-0.77		54.56	-0.71	
Oct 20, 2006	57.35	-1.2		57.94	0.2	0.20	55.07	0.51	0.51
Oct 23, 2006	56.74	-0.61		56.56	-1.38		53.44	-1.63	
Oct 24, 2006	57.55	0.81	0.81	56.56	0		53.78	0.34	0.34
Oct 25, 2006	59.09	1.54	1.54	58.79	2.23	2.23	54.96	1.18	1.18
Oct 26, 2006	60.27	1.18	1.18	58.76	-0.03		56.12	1.16	1.16
Oct 27, 2006	60.75	0.48	0.48	57.99	-0.77		55.53	-0.59	
Oct 30, 2006	58.41	-2.34		57.08	-0.91		54.87	-0.66	
Oct 31, 2006	58.72	0.31	0.31	56.13	-0.95		53.37	-1.5	
Nov 01, 2006	58.64	-0.08		56.37	0.24	0.24	54.25	0.88	0.88
Nov 02, 2006	57.87	-0.77		56.26	-0.11		54.25	0	
Nov 03, 2006	59.13	1.26	1.26	56.55	0.29	0.29	54.07	-0.18	
Nov 06, 2006	60.11	0.98	0.98	57.02	0.47	0.47	54.91	0.84	0.84
Nov 07, 2006	58.94	-1.17		56.99	-0.03		55.64	0.73	0.73
Nov 08, 2006	59.93	0.99	0.99	57.18	0.19	0.19	55.18	-0.46	
Nov 09, 2006	61.18	1.25	1.25	59.72	2.54	2.54	56.41	1.23	1.23
Nov 10, 2006	59.66	-1.52		59.18	-0.54		56.57	0.16	0.16
Nov 13, 2006	58.59	-1.07		56.88	-2.3		55.42	-1.15	
Nov 14, 2006	58.28	-0.31		57.9	1.02	1.02	55.19	-0.23	
Nov 15, 2006	58.79	0.51	0.51	57.97	0.07	0.07	55.33	0.14	0.14
Nov 16, 2006	56.23	-2.56		59.5	1.53	1.53	55.44	0.11	0.11
Nov 17, 2006	55.9	-0.33		57.01	-2.49		53.90	-1.54	
Nov 20, 2006	56.42	0.52	0.52	57.38	0.37	0.37	54.03	0.13	0.13
Nov 21, 2006	58.01	1.59	1.59	59.53	2.15	2.15	54.90	0.87	0.87
Nov 22, 2006	57.28	-0.73		58.66	-0.87		55.26	0.36	0.36
Nov 23, 2006	NA			59.7	1.04	1.04	54.98	-0.28	
Nov 24, 2006	NA			60.72	1.02	1.02	55.29	0.31	0.31
Nov 27, 2006	60.3	3.02	3.02	60.52	-0.2		55.76	0.47	0.47
Nov 28, 2006	60.97	0.67	0.67	61.22	0.7	0.70	56.48	0.72	0.72
Nov 29, 2006	62.45	1.48	1.48	62.13	0.91	0.91	57.32	0.84	0.84
Nov 30, 2006	62.97	0.52	0.52	64.36	2.23	2.23	58.71	1.39	1.39
Dec 01, 2006	63.43	0.46	0.46	64.74	0.38	0.38	59.66	0.95	0.95
Dec 04, 2006	62.39	-1.04		63.97	-0.77		59.70	0.04	0.04
Dec 05, 2006	62.4	0.01	0.01	63.65	-0.32		59.19	-0.51	
Dec 06, 2006	62.2	-0.2		63.7	0.05	0.05	59.10	-0.09	
Dec 07, 2006	62.54	0.34	0.34	63.17	-0.53		58.66	-0.44	
Dec 08, 2006	62.06	-0.48		63.67	0.5	0.50	58.63	-0.03	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Dec 11, 2006	61.26	-0.8		62.59	-1.08		57.74	-0.89	
Dec 12, 2006	61.06	-0.2		62.58	-0.01		57.41	-0.33	
Dec 13, 2006	61.34	0.28	0.28	61.89	-0.69		57.00	-0.41	
Dec 14, 2006	62.48	1.14	1.14	62.85	0.96	0.96	57.43	0.43	0.43
Dec 15, 2006	63.4	0.92	0.92	62.91	0.06	0.06	58.39	0.96	0.96
Dec 18, 2006	62.19	-1.21		62.81	-0.1		58.40	0.01	0.01
Dec 19, 2006	62.87	0.68	0.68	62.19	-0.62		57.44	-0.96	
Dec 20, 2006	63.08	0.21	0.21	63.13	0.94	0.94	58.20	0.76	0.76
Dec 21, 2006	62.05	-1.03		62.13	-1		58.05	-0.15	
Dec 22, 2006	61.81	-0.24		61.92	-0.21		57.98	-0.07	
Dec 26, 2006	61.07	-0.74					57.45	-0.53	
Dec 27, 2006	60.31	-0.76		60.7	-1.22		56.43	-1.02	
Dec 28, 2006	60.39	0.08	0.08	59.41	-1.29		56.12	-0.31	
Dec 29, 2006	60.85	0.46	0.46	58.96	-0.45		55.97	-0.15	
Jan 02, 2007	60.77	-0.08		58.49	-0.47		56.16	0.19	0.19
Jan 03, 2007	58.31	-2.46		56.63	-1.86		55.42	-0.74	
Jan 04, 2007	55.65	-2.66		54.58	-2.05		53.26	-2.16	
Jan 05, 2007	56.29	0.64	0.64	52.82	-1.76		51.30	-1.96	
Jan 08, 2007	56.08	-0.21		52.82	0		51.88	0.58	0.58
Jan 09, 2007	55.65	-0.43		52.38	-0.44		51.20	-0.68	
Jan 10, 2007	53.95	-1.7		52.11	-0.27		50.60	-0.6	
Jan 11, 2007	51.91	-2.04		51.68	-0.43		49.22	-1.38	
Jan 12, 2007	52.96	1.05	1.05	49.95	-1.73		48.68	-0.54	
Jan 15, 2007	NA			NA			49.36	0.68	0.68
Jan 16, 2007	51.23	-1.73		51.28	1.33	1.33	48.58	-0.78	
Jan 17, 2007	52.3	1.07	1.07	51.19	-0.09		47.97	-0.61	
Jan 18, 2007	50.51	-1.79		50.83	-0.36		48.24	0.27	0.27
Jan 19, 2007	51.98	1.47	1.47	52.29	1.46	1.46	48.30	0.06	0.06
Jan 22, 2007	51.11	-0.87		54.34	2.05	2.05	49.72	1.42	1.42
Jan 23, 2007	53.61	2.5	2.50	53.93	-0.41		49.60	-0.12	
Jan 24, 2007	54.24	0.63	0.63	55.11	1.18	1.18	50.92	1.32	1.32
Jan 25, 2007	53.49	-0.75		55.67	0.56	0.56	51.27	0.35	0.35
Jan 26, 2007	55.38	1.89	1.89	55.29	-0.38		51.04	-0.23	
Jan 29, 2007	54.01	-1.37		54.71	-0.58		51.28	0.24	0.24
Jan 30, 2007	57.03	3.02	3.02	54.69	-0.02		50.82	-0.46	
Jan 31, 2007	58.17	1.14	1.14	56.52	1.83	1.83	52.62	1.8	1.80
Feb 01, 2007	57.35	-0.82		56.74	0.22	0.22	53.49	0.87	0.87
Feb 02, 2007	59.01	1.66	1.66	56.93	0.19	0.19	53.64	0.15	0.15
Feb 05, 2007	58.69	-0.32		58.67	1.74	1.74	54.66	1.02	1.02
Feb 06, 2007	58.91	0.22	0.22	58.04	-0.63		54.68	0.02	0.02
Feb 07, 2007	57.75	-1.16		58.35	0.31	0.31	54.40	-0.28	
Feb 08, 2007	59.76	2.01	2.01	57.24	-1.11		53.60	-0.8	
Feb 09, 2007	59.86	0.1	0.10	57.21	-0.03		55.08	1.48	1.48
Feb 12, 2007	57.76	-2.1		55.52	-1.69		53.99	-1.09	
Feb 13, 2007	58.98	1.22	1.22	56.12	0.6	0.60	53.38	-0.61	
Feb 14, 2007	58	-0.98		55.05	-1.07		53.76	0.38	0.38
Feb 15, 2007	57.92	-0.08		54.25	-0.8		52.88	-0.88	
Feb 16, 2007	59.38	1.46	1.46	56.78	2.53	2.53	53.69	0.81	0.81
Feb 19, 2007	NA			NA			53.87	0.18	0.18
Feb 20, 2007	58.32	-1.06		55.91	-0.87		53.42	-0.45	
Feb 21, 2007	59.4	1.08	1.08	57.74	1.83	1.83	54.00	0.58	0.58
Feb 22, 2007	60.28	0.88	0.88	58.62	0.88	0.88	55.14	1.14	1.14
Feb 23, 2007	60.28	0		60.38	1.76	1.76	56.55	1.41	1.41
Feb 26, 2007	61.41	1.13	1.13	60.34	-0.04		57.07	0.52	0.52
Feb 27, 2007	61.46	0.05	0.05	60.28	-0.06		57.24	0.17	0.17
Feb 28, 2007	61.78	0.32	0.32	59.39	-0.89		56.69	-0.55	
Mar 01, 2007	61.97	0.19	0.19	61.18	1.79	1.79	58.47	1.78	1.78
Mar 02, 2007	61.58	-0.39		61.92	0.74	0.74	58.65	0.18	0.18
Mar 05, 2007	60.05	-1.53		59.78	-2.14		57.32	-1.33	
Mar 06, 2007	60.66	0.61	0.61	59.68	-0.1		57.21	-0.11	
Mar 07, 2007	61.85	1.19	1.19	61.13	1.45	1.45	58.20	0.99	0.99
Mar 08, 2007	61.63	-0.22		60.9	-0.23		58.73	0.53	0.53
Mar 09, 2007	60.06	-1.57		60.25	-0.65		58.29	-0.44	
Mar 12, 2007	58.94	-1.12		60.59	0.34	0.34	57.37	-0.92	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Mar 13, 2007	58.03	-0.91		61.52	0.93	0.93	57.38	0.01	0.01
Mar 14, 2007	58.15	0.12	0.12	60.89	-0.63		57.23	-0.15	
Mar 15, 2007	57.52	-0.63		60.4	-0.49		57.28	0.05	0.05
Mar 16, 2007	57.06	-0.46		60.93	0.53	0.53	56.86	-0.42	
Mar 19, 2007	56.65	-0.41		60.49	-0.44		56.74	-0.12	
Mar 20, 2007	56.41	-0.24		60.11	-0.38		56.59	-0.15	
Mar 21, 2007	56.98	0.57	0.57	60.18	0.07	0.07	56.87	0.28	0.28
Mar 22, 2007	60.21	3.23	3.23	61.57	1.39	1.39	57.91	1.04	1.04
Mar 23, 2007	61.07	0.86	0.86	63.1	1.53	1.53	59.05	1.14	1.14
Mar 26, 2007	61.77	0.7	0.70	64.43	1.33	1.33	60.16	1.11	1.11
Mar 27, 2007	62.98	1.21	1.21	64.25	-0.18		60.49	0.33	0.33
Mar 28, 2007	64.11	1.13	1.13	66.15	1.9	1.90	61.88	1.39	1.39
Mar 29, 2007	66.1	1.99	1.99	67.19	1.04	1.04	62.52	0.64	0.64
Mar 30, 2007	65.94	-0.16		68.47	1.28	1.28	63.79	1.27	1.27
Apr 02, 2007	66.03	0.09	0.09	68.94	0.47	0.47	64.06	0.27	0.27
Apr 03, 2007	64.59	-1.44		68	-0.94		63.87	-0.19	
Apr 04, 2007	64.4	-0.19		68.09	0.09	0.09	63.48	-0.39	
Apr 05, 2007	64.26	-0.14		69.15	1.06	1.06	64.16	0.68	0.68
Apr 09, 2007	61.51	-2.75					63.74	-0.42	
Apr 10, 2007	61.92	0.41	0.41	67.64	-1.51		62.82	-0.92	
Apr 11, 2007	61.98	0.06	0.06	68.6	0.96	0.96	63.54	0.72	0.72
Apr 12, 2007	63.87	1.89	1.89	67.79	-0.81		63.83	0.29	0.29
Apr 13, 2007	63.63	-0.24		68.78	0.99	0.99	64.88	1.05	1.05
Apr 16, 2007	63.63	0		67.1	-1.68		64.05	-0.83	
Apr 17, 2007	63.14	-0.49		66.34	-0.76		63.14	-0.91	
Apr 18, 2007	63.14	0		65.09	-1.25		61.96	-1.18	
Apr 19, 2007	61.81	-1.33		66.17	1.08	1.08	61.98	0.02	0.02
Apr 20, 2007	63.56	1.75	1.75	66.34	0.17	0.17	62.23	0.25	0.25
Apr 23, 2007	65.33	1.77	1.77	66.8	0.46	0.46	63.10	0.87	0.87
Apr 24, 2007	64.1	-1.23		67.94	1.14	1.14	63.94	0.84	0.84
Apr 25, 2007	65.33	1.23	1.23	67.44	-0.5		63.69	-0.25	
Apr 26, 2007	65.08	-0.25		67.51	0.07	0.07	64.20	0.51	0.51
Apr 27, 2007	66.45	1.37	1.37	67.28	-0.23		64.03	-0.17	
Apr 30, 2007	65.78	-0.67		67.23	-0.05		64.26	0.23	0.23
May 01, 2007	64.43	-1.35		67.4	0.17	0.17	64.81	0.55	0.55
May 02, 2007	63.78	-0.65		65.57	-1.83		63.69	-1.12	
May 03, 2007	63.23	-0.55		64.85	-0.72		63.19	-0.5	
May 04, 2007	61.89	-1.34		65.14	0.29	0.29	63.10	-0.09	
May 07, 2007	61.48	-0.41		62.7	-2.44		61.93	-1.17	
May 08, 2007	62.26	0.78	0.78	63.55	0.85	0.85	62.10	0.17	0.17
May 09, 2007	61.54	-0.72		63.5	-0.05		62.19	0.09	0.09
May 10, 2007	61.85	0.31	0.31	64.63	1.13	1.13	62.36	0.17	0.17
May 11, 2007	62.35	0.5	0.50	65.18	0.55	0.55	63.15	0.79	0.79
May 14, 2007	62.55	0.2	0.20	65.86	0.68	0.68	63.79	0.64	0.64
May 15, 2007	63.16	0.61	0.61	66.74	0.88	0.88	63.79	0	
May 16, 2007	62.57	-0.59		66.83	0.09	0.09	64.55	0.76	0.76
May 17, 2007	64.83	2.26	2.26	69.08	2.25	2.25	65.29	0.74	0.74
May 18, 2007	64.93	0.1	0.10	69.26	0.18	0.18	66.01	0.72	0.72
May 21, 2007	66.25	1.32	1.32	69.51	0.25	0.25	66.24	0.23	0.23
May 22, 2007	64.91	-1.34		70.05	0.54	0.54	66.62	0.38	0.38
May 23, 2007	65.1	0.19	0.19	71.01	0.96	0.96	66.36	-0.26	
May 24, 2007	63.62	-1.48		71.96	0.95	0.95	66.93	0.57	0.57
May 25, 2007	64.59	0.97	0.97	70.72	-1.24		66.57	-0.36	
May 28, 2007	NA			NA			66.20	-0.37	
May 29, 2007	63.19	-1.4		69.31	-1.41		65.49	-0.71	
May 30, 2007	63.47	0.28	0.28	67.64	-1.67		64.30	-1.19	
May 31, 2007	64.02	0.55	0.55	68.18	0.54	0.54	64.45	0.15	0.15
Jun 01, 2007	65.09	1.07	1.07	68.65	0.47	0.47	64.60	0.15	0.15
Jun 04, 2007	66.17	1.08	1.08	70.9	2.25	2.25	65.81	1.21	1.21
Jun 05, 2007	65.63	-0.54		71.36	0.46	0.46	66.34	0.53	0.53
Jun 06, 2007	65.97	0.34	0.34	71.5	0.14	0.14	66.58	0.24	0.24
Jun 07, 2007	66.93	0.96	0.96	72.36	0.86	0.86	67.18	0.6	0.60
Jun 08, 2007	64.78	-2.15		70.04	-2.32		66.23	-0.95	
Jun 11, 2007	65.93	1.15	1.15	68.85	-1.19		65.14	-1.09	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jun 12, 2007	65.36	-0.57		68.56	-0.29		65.46	0.32	0.32
Jun 13, 2007	66.17	0.81	0.81	69.24	0.68	0.68	65.67	0.21	0.21
Jun 14, 2007	67.62	1.45	1.45	71.18	1.94	1.94	66.87	1.2	1.20
Jun 15, 2007	68.04	0.42	0.42	71.63	0.45	0.45	67.50	0.63	0.63
Jun 18, 2007	69.06	1.02	1.02	72.33	0.7	0.70	68.02	0.52	0.52
Jun 19, 2007	69.15	0.09	0.09	72.17	-0.16		68.33	0.31	0.31
Jun 20, 2007	68.5	-0.65		70.55	-1.62		67.70	-0.63	
Jun 21, 2007	68.35	-0.15		71.81	1.26	1.26	67.70	0	
Jun 22, 2007	68.85	0.5	0.50	72.04	0.23	0.23	67.50	-0.2	
Jun 25, 2007	68.83	-0.02		71.36	-0.68		67.38	-0.12	
Jun 26, 2007	67.78	-1.05		71.41	0.05	0.05	67.53	0.15	0.15
Jun 27, 2007	68.98	1.2	1.20	71.84	0.43	0.43	67.41	-0.12	
Jun 28, 2007	69.61	0.63	0.63	71.96	0.12	0.12	67.72	0.31	0.31
Jun 29, 2007	70.47	0.86	0.86	72.22	0.26	0.26	68.02	0.3	0.30
Jul 02, 2007	71.11	0.64	0.64	72.9	0.68	0.68	68.73	0.71	0.71
Jul 03, 2007	71.41	0.3	0.30	74.26	1.36	1.36	69.65	0.92	0.92
Jul 04, 2007	NA			NA			69.89	0.24	0.24
Jul 05, 2007	71.81	0.4	0.40	75.4	1.14	1.14	70.38	0.49	0.49
Jul 06, 2007	72.8	0.99	0.99	76.58	1.18	1.18	71.33	0.95	0.95
Jul 09, 2007	72.14	-0.66		77.1	0.52	0.52	71.55	0.22	0.22
Jul 10, 2007	72.8	0.66	0.66	77.88	0.78	0.78	71.78	0.23	0.23
Jul 11, 2007	72.58	-0.22		77.44	-0.44		72.05	0.27	0.27
Jul 12, 2007	72.55	-0.03		78.24	0.8	0.80	72.15	0.1	0.10
Jul 13, 2007	73.89	1.34	1.34	78.12	-0.12		72.67	0.52	0.52
Jul 16, 2007	74.11	0.22	0.22	78.17	-0.05	0.05	72.97	0.3	0.30
Jul 17, 2007	74.03	-0.08		77.59	-0.58		72.05	-0.92	
Jul 18, 2007	75.03	1	1.00	78	0.41	0.41	72.20	0.15	0.15
Jul 19, 2007	75.9	0.87	0.87	78.37	0.37	0.37	73.36	1.16	1.16
Jul 20, 2007	75.53	-0.37		79.09	0.72	0.72	73.80	0.44	0.44
Jul 23, 2007	74.65	-0.88		78.36	-0.73		73.13	-0.67	
Jul 24, 2007	73.38	-1.27		75.88	-2.48		72.02	-1.11	
Jul 25, 2007	75.74	2.36	2.36	75.21	-0.67		71.65	-0.37	
Jul 26, 2007	74.96	-0.78		77.28	2.07	2.07	73.01	1.36	1.36
Jul 27, 2007	77.03	2.07	2.07	76.58	-0.7		72.36	-0.65	
Jul 30, 2007	76.82	-0.21		76.07	-0.51		72.35	-0.01	
Jul 31, 2007	78.2	1.38	1.38	77.01	0.94	0.94	72.56	0.21	0.21
Aug 01, 2007	76.49	-1.71		77.11	0.1	0.10	73.17	0.61	0.61
Aug 02, 2007	76.84	0.35	0.35	76.14	-0.97		72.30	-0.87	
Aug 03, 2007	75.41	-1.43		75.36	-0.78		72.12	-0.18	
Aug 06, 2007	72.03	-3.38		72.69	-2.67		70.30	-1.82	
Aug 07, 2007	72.25	0.22	0.22	70.42	-2.27		68.34	-1.96	
Aug 08, 2007	72.23	-0.02		70.73	0.31	0.31	68.59	0.25	0.25
Aug 09, 2007	71.62	-0.61		70.08	-0.65		68.29	-0.3	
Aug 10, 2007	71.49	-0.13		69.57	-0.51		67.56	-0.73	
Aug 13, 2007	71.6	0.11	0.11	71.3	1.73	1.73	68.36	0.8	0.80
Aug 14, 2007	72.4	0.8	0.80	69.29	-2.01		67.75	-0.61	
Aug 15, 2007	73.36	0.96	0.96	71.3	2.01	2.01	68.68	0.93	0.93
Aug 16, 2007	70.99	-2.37		68.77	-2.53		67.63	-1.05	
Aug 17, 2007	71.9	0.91	0.91	69.8	1.03	1.03	67.83	0.2	0.20
Aug 20, 2007	71.12	-0.78		68.37	-1.43		67.69	-0.14	
Aug 21, 2007	69.49	-1.63		67.88	-0.49		67.10	-0.59	
Aug 22, 2007	69.3	-0.19		67.73	-0.15		66.60	-0.5	
Aug 23, 2007	69.86	0.56	0.56	68.73	1	1.00	67.07	0.47	0.47
Aug 24, 2007	71.17	1.31	1.31	69.49	0.76	0.76	67.61	0.54	0.54
Aug 27, 2007	71.98	0.81	0.81	68.85	-0.64		67.76	0.15	0.15
Aug 28, 2007	71.79	-0.19		69.66	0.81	0.81	68.25	0.49	0.49
Aug 29, 2007	73.52	1.73	1.73	70.48	0.82	0.82	68.41	0.16	0.16
Aug 30, 2007	73.37	-0.15		71.46	0.98	0.98	69.18	0.77	0.77
Aug 31, 2007	73.98	0.61	0.61	72.29	0.83	0.83	69.70	0.52	0.52
Sep 03, 2007	NA			NA			70.42	0.72	0.72
Sep 04, 2007	75.07	1.09	1.09	74.22	1.93	1.93	70.88	0.46	0.46
Sep 05, 2007	75.74	0.67	0.67	74.72	0.5	0.50	71.46	0.58	0.58
Sep 06, 2007	76.34	0.6	0.60	76.21	1.49	1.49	72.10	0.64	0.64
Sep 07, 2007	76.7	0.36	0.36	75.08	-1.13		72.01	-0.09	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Sep 10, 2007	77.53	0.83	0.83	74.97	-0.11		72.27	0.26	0.26
Sep 11, 2007	78.16	0.63	0.63	76.23	1.26	1.26	73.13	0.86	0.86
Sep 12, 2007	79.85	1.69	1.69	77.15	0.92	0.92	74.21	1.08	1.08
Sep 13, 2007	80.05	0.2	0.20	77.84	0.69	0.69	74.64	0.43	0.43
Sep 14, 2007	79.14	-0.91		78.27	0.43	0.43	74.48	-0.16	
Sep 17, 2007	80.55	1.41	1.41	77.99	-0.28		74.06	-0.42	
Sep 18, 2007	81.51	0.96	0.96	77	-0.99		74.92	0.86	0.86
Sep 19, 2007	81.99	0.48	0.48	78.47	1.47	1.47	75.61	0.69	0.69
Sep 20, 2007	83.85	1.86	1.86	78.48	0.01	0.01	75.78	0.17	0.17
Sep 21, 2007	83.38	-0.47		78.91	0.43	0.43	76.72	0.94	0.94
Sep 24, 2007	82.51	-0.87		77.87	-1.04		76.48	-0.24	
Sep 25, 2007	81.2	-1.31		76.82	-1.05		75.80	-0.68	
Sep 26, 2007	80.31	-0.89		76.21	-0.61		75.11	-0.69	
Sep 27, 2007	82.86	2.55	2.55	78.88	2.67	2.67	76.02	0.91	0.91
Sep 28, 2007	81.64	-1.22		80.97	2.09	2.09	77.43	1.41	1.41
Oct 01, 2007	80.31	-1.33		78.33	-2.64		75.97	-1.46	
Oct 02, 2007	80	-0.31		76.87	-1.46		74.66	-1.31	
Oct 03, 2007	79.97	-0.03		77.8	0.93	0.93	74.96	0.3	0.30
Oct 04, 2007	81.48	1.51	1.51	77.84	0.04	0.04	74.83	-0.13	
Oct 05, 2007	81.2	-0.28		79.05	1.21	1.21	76.23	1.4	1.40
Oct 08, 2007	78.97	-2.23		76.94	-2.11		75.37	-0.86	
Oct 09, 2007	80.23	1.26	1.26	77.82	0.88	0.88	74.47	-0.9	
Oct 10, 2007	81.3	1.07	1.07	77.85	0.03	0.03	75.36	0.89	0.89
Oct 11, 2007	83.05	1.75	1.75	80.83	2.98	2.98	77.01	1.65	1.65
Oct 12, 2007	83.73	0.68	0.68	80.82	-0.01		77.62	0.61	0.61
Oct 15, 2007	86.19	2.46	2.46	82.5	1.68	1.68	78.76	1.14	1.14
Oct 16, 2007	87.58	1.39	1.39	84.43	1.93	1.93	80.87	2.11	2.11
Oct 17, 2007	87.19	-0.39		85.24	0.81	0.81	81.13	0.26	0.26
Oct 18, 2007	89.48	2.29	2.29	85.03	-0.21		81.18	0.05	0.05
Oct 19, 2007	88.58	-0.9		84.25	-0.78		81.49	0.31	0.31
Oct 22, 2007	87.6	-0.98		82.72	-1.53		80.15	-1.34	
Oct 23, 2007	86.45	-1.15		82.31	-0.41		80.03	-0.12	
Oct 24, 2007	88.3	1.85	1.85	83.47	1.16	1.16	80.49	0.46	0.46
Oct 25, 2007	92.09	3.79	3.79	85.4	1.93	1.93	82.67	2.18	2.18
Oct 26, 2007	91.73	-0.36		84.71	-0.69		84.82	2.15	2.15
Oct 29, 2007	93.45	1.72	1.72	89.87	5.16	5.16	85.94	1.12	1.12
Oct 30, 2007	90.33	-3.12		89.87	0		85.52	-0.42	
Oct 31, 2007	94.16	3.83	3.83	89.87	0		84.76	-0.76	
Nov 01, 2007	93.53	-0.63		90.36	0.49	0.49	87.47	2.71	2.71
Nov 02, 2007	95.81	2.28	2.28	92.11	1.75	1.75	87.47	0	
Nov 05, 2007	94.06	-1.75		92.16	0.05	0.05	88.00	0.53	0.53
Nov 06, 2007	96.65	2.59	2.59	93.99	1.83	1.83	89.02	1.02	1.02
Nov 07, 2007	96.46	-0.19		94.85	0.86	0.86	90.57	1.55	1.55
Nov 08, 2007	95.51	-0.95		94.4	-0.45		90.56	-0.01	
Nov 09, 2007	96.36	0.85	0.85	92.32	-2.08		89.58	-0.98	
Nov 12, 2007	94.4	-1.96		91.56	-0.76		88.65	-0.93	
Nov 13, 2007	91.18	-3.22		89.09	-2.47		86.68	-1.97	
Nov 14, 2007	94.02	2.84	2.84	90.73	1.64	1.64	86.45	-0.23	
Nov 15, 2007	93.37	-0.65		90.32	-0.41		86.87	0.42	0.42
Nov 16, 2007	94.81	1.44	1.44	91.99	1.67	1.67	87.41	0.54	0.54
Nov 19, 2007	95.75	0.94	0.94	91.59	-0.4		88.57	1.16	1.16
Nov 20, 2007	99.16	3.41	3.41	94.13	2.54	2.54	89.93	1.36	1.36
Nov 21, 2007	98.57	-0.59		94.97	0.84	0.84	91.77	1.84	1.84
Nov 22, 2007	NA			NA			91.22	-0.55	
Nov 23, 2007	98.24	-0.33		95.33	0.36	0.36	91.37	0.15	0.15
Nov 26, 2007	97.66	-0.58		94.88	-0.45		91.68	0.31	0.31
Nov 27, 2007	94.39	-3.27		93.23	-1.65		90.08	-1.6	
Nov 28, 2007	90.71	-3.68		91.64	-1.59		87.88	-2.2	
Nov 29, 2007	90.98	0.27	0.27	92.34	0.7	0.70	87.59	-0.29	
Nov 30, 2007	88.6	-2.38		88.71	-3.63		85.72	-1.87	
Dec 03, 2007	89.29	0.69	0.69	87.85	-0.86		84.13	-1.59	
Dec 04, 2007	88.31	-0.98		89.97	2.12	2.12	85.14	1.01	1.01
Dec 05, 2007	87.45	-0.86		90.7	0.73	0.73	85.30	0.16	0.16
Dec 06, 2007	90.25	2.8	2.80	88.46	-2.24		84.34	-0.96	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Dec 07, 2007	88.23	-2.02		88.46	0		85.07	0.73	0.73
Dec 10, 2007	87.72	-0.51		87.33	-1.13		84.02	-1.05	
Dec 11, 2007	90.12	2.4	2.40	87.77	0.44	0.44	84.51	0.49	0.49
Dec 12, 2007	94.41	4.29	4.29	91.69	3.92	3.92	86.61	2.1	2.10
Dec 13, 2007	92.35	-2.06		92.57	0.88	0.88	88.46	1.85	1.85
Dec 14, 2007	91.31	-1.04		91.86	-0.71		87.81	-0.65	
Dec 17, 2007	90.69	-0.62		90.32	-1.54		87.13	-0.68	
Dec 18, 2007	89.93	-0.76		90.71	0.39	0.39	87.10	-0.03	
Dec 19, 2007	91.11	1.18	1.18	90.98	0.27	0.27	87.24	0.14	0.14
Dec 20, 2007	90.88	-0.23		91.06	0.08	0.08	87.36	0.12	0.12
Dec 21, 2007	93.19	2.31	2.31	91.03	-0.03		87.73	0.37	0.37
Dec 24, 2007	94	0.81	0.81	91.59	0.56	0.56	87.86	0.13	0.13
Dec 26, 2007	95.89	1.89	1.89	NA			89.44	1.58	1.58
Dec 27, 2007	96.63	0.74	0.74	95.66	4.07	4.07	90.29	0.85	0.85
Dec 28, 2007	96.03	-0.6		95.92	0.26	0.26	90.84	0.55	0.55
Dec 31, 2007	95.95	-0.08		93.68	-2.24		90.70	-0.14	
Jan 02, 2008	99.64	3.69	3.69	97.01	3.33	3.33	91.82	1.12	1.12
Jan 03, 2008	99.17	-0.47		98.45	1.44	1.44	93.67	1.85	1.85
Jan 04, 2008	97.9	-1.27		96.87	-1.58		93.38	-0.29	
Jan 07, 2008	95.08	-2.82		94.19	-2.68		91.72	-1.66	
Jan 08, 2008	96.43	1.35	1.35	96.37	2.18	2.18	91.67	-0.05	
Jan 09, 2008	95.64	-0.79		96.76	0.39	0.39	91.98	0.31	0.31
Jan 10, 2008	93.92	-1.72		92.8	-3.96		89.71	-2.27	
Jan 11, 2008	92.74	-1.18		91.86	-0.94		88.36	-1.35	
Jan 14, 2008	94.23	1.49	1.49	92.58	0.72	0.72	88.51	0.15	0.15
Jan 15, 2008	91.87	-2.36		90.87	-1.71		88.33	-0.18	
Jan 16, 2008	90.8	-1.07		88.1	-2.77		86.28	-2.05	
Jan 17, 2008	90.11	-0.69		88.96	0.86	0.86	86.14	-0.14	
Jan 18, 2008	90.55	0.44	0.44	89.66	0.7	0.70	85.91	-0.23	
Jan 21, 2008	NA			NA			85.06	-0.85	
Jan 22, 2008	89.64	-0.91		88.11	-1.55		83.70	-1.36	
Jan 23, 2008	87.65	-1.99		87.06	-1.05		84.48	0.78	0.78
Jan 24, 2008	89.98	2.33	2.33	87.69	0.63	0.63	84.42	-0.06	
Jan 25, 2008	90.37	0.39	0.39	90.96	3.27	3.27	86.87	2.45	2.45
Jan 28, 2008	90.99	0.62	0.62	90.91	-0.05		87.01	0.14	0.14
Jan 29, 2008	91.66	0.67	0.67	92.49	1.58	1.58	88.20	1.19	1.19
Jan 30, 2008	92.34	0.68	0.68	92.46	-0.03		88.59	0.39	0.39
Jan 31, 2008	91.67	-0.67		91.58	-0.88		87.92	-0.67	
Feb 01, 2008	89.03	-2.64		91.41	-0.17		87.50	-0.42	
Feb 04, 2008	90.07	1.04	1.04	91.09	-0.32		86.51	-0.99	
Feb 05, 2008	88.32	-1.75		89.6	-1.49		86.01	-0.5	
Feb 06, 2008	87.16	-1.16		88.73	-0.87		84.66	-1.35	
Feb 07, 2008	88.07	0.91	0.91	88.55	-0.18		84.63	-0.03	
Feb 08, 2008	91.77	3.7	3.70	91.45	2.9	2.90	86.10	1.47	1.47
Feb 11, 2008	93.56	1.79	1.79	93.93	2.48	2.48	89.01	2.91	2.91
Feb 12, 2008	92.82	-0.74		94.28	0.35	0.35	89.63	0.62	0.62
Feb 13, 2008	93.28	0.46	0.46	93.82	-0.46		89.48	-0.15	
Feb 14, 2008	95.42	2.14	2.14	95.92	2.1	2.10	90.63	1.15	1.15
Feb 15, 2008	95.57	0.15	0.15	96.96	1.04	1.04	91.55	0.92	0.92
Feb 18, 2008	NA			NA			91.21	-0.34	
Feb 19, 2008	99.99	4.42	4.42	97.03	0.07	0.07	92.52	1.31	1.31
Feb 20, 2008	100.86	0.87	0.87	97.88	0.85	0.85	94.09	1.57	1.57
Feb 21, 2008	98.57	-2.29		97.52	-0.36		93.81	-0.28	
Feb 22, 2008	99.03	0.46	0.46	96.07	-1.45		92.48	-1.33	
Feb 25, 2008	99.4	0.37	0.37	97.43	1.36	1.36	93.49	1.01	1.01
Feb 26, 2008	100.83	1.43	1.43	99.05	1.62	1.62	93.96	0.47	0.47
Feb 27, 2008	99.59	-1.24		98.28	-0.77		95.03	1.07	1.07
Feb 28, 2008	102.6	3.01	3.01	99.83	1.55	1.55	94.87	-0.16	
Feb 29, 2008	101.78	-0.82		100.9	1.07	1.07	96.35	1.48	1.48
Mar 03, 2008	102.42	0.64	0.64	101.83	0.93	0.93	97.12	0.77	0.77
Mar 04, 2008	99.72	-2.7		98.6	-3.23		96.13	-0.99	
Mar 05, 2008	104.45	4.73	4.73	100.95	2.35	2.35	95.86	-0.27	
Mar 06, 2008	105.51	1.06	1.06	103.47	2.52	2.52	98.34	2.48	2.48
Mar 07, 2008	105.12	-0.39		104.66	1.19	1.19	99.00	0.66	0.66

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Mar 10, 2008	107.9	2.78	2.78	105.33	0.67	0.67	99.48	0.48	0.48
Mar 11, 2008	108.73	0.83	0.83	106.78	1.45	1.45	100.57	1.09	1.09
Mar 12, 2008	109.86	1.13	1.13	107.99	1.21	1.21	101.38	0.81	0.81
Mar 13, 2008	110.21	0.35	0.35	109.18	1.19	1.19	102.39	1.01	1.01
Mar 14, 2008	110.03	-0.18		109.16	-0.02		102.88	0.49	0.49
Mar 17, 2008	105.74	-4.29		104.41	-4.75		101.41	-1.47	
Mar 18, 2008	109.57	3.83	3.83	105.35	0.94	0.94	100.10	-1.31	
Mar 19, 2008	103.25	-6.32		102.65	-2.7		99.97	-0.13	
Mar 20, 2008	102.57	-0.68		99.78	-2.87		96.10	-3.87	
Mar 24, 2008	101.7	-0.87		100.93	1.15	1.15	96.15	0.05	0.05
Mar 25, 2008	101.78	0.08	0.08	99.91	-1.02		96.49	0.34	0.34
Mar 26, 2008	105.83	4.05	4.05	102.83	2.92	2.92	98.42	1.93	1.93
Mar 27, 2008	107.56	1.73	1.73	103.89	1.06	1.06	100.36	1.94	1.94
Mar 28, 2008	105.59	-1.97		102.68	-1.21		99.77	-0.59	
Mar 31, 2008	101.54	-4.05		102.33	-0.35		98.63	-1.14	
Apr 01, 2008	100.92	-0.62		98.69	-3.64		95.75	-2.88	
Apr 02, 2008	104.83	3.91	3.91	98.85	0.16	0.16	96.48	0.73	0.73
Apr 03, 2008	103.92	-0.91		102.31	3.46	3.46	98.63	2.15	2.15
Apr 04, 2008	106.09	2.17	2.17	102.21	-0.1		98.63	0	
Apr 07, 2008	108.91	2.82	2.82	105.98	3.77	3.77	101.16	2.53	2.53
Apr 08, 2008	108.54	-0.37		105.05	-0.93		101.89	0.73	0.73
Apr 09, 2008	110.89	2.35	2.35	107.46	2.41	2.41	102.38	0.49	0.49
Apr 10, 2008	110.07	-0.82		107.37	-0.09		103.74	1.36	1.36
Apr 11, 2008	110.14	0.07	0.07	107.15	-0.22		103.67	-0.07	
Apr 14, 2008	111.71	1.57	1.57	108.32	1.17	1.17	104.02	0.35	0.35
Apr 15, 2008	113.77	2.06	2.06	110.84	2.52	2.52	105.73	1.71	1.71
Apr 16, 2008	114.8	1.03	1.03	110.95	0.11	0.11	106.65	0.92	0.92
Apr 17, 2008	114.8	0		111.34	0.39	0.39	107.63	0.98	0.98
Apr 18, 2008	116.56	1.76	1.76	110.67	-0.67		107.75	0.12	0.12
Apr 21, 2008	117.48	0.92	0.92	111.35	0.68	0.68	108.93	1.18	1.18
Apr 22, 2008	119.17	1.69	1.69	113.54	2.19	2.19	109.92	0.99	0.99
Apr 23, 2008	119.28	0.11	0.11	115.34	1.8	1.80	111.14	1.22	1.22
Apr 24, 2008	117.1	-2.18		114.85	-0.49		110.63	-0.51	
Apr 25, 2008	119.64	2.54	2.54	116.62	1.77	1.77	110.01	-0.62	
Apr 28, 2008	118.78	-0.86		115.7	-0.92		111.66	1.65	1.65
Apr 29, 2008	115.67	-3.11		113.86	-1.84		109.86	-1.8	
Apr 30, 2008	113.7	-1.97		111.12	-2.74		107.33	-2.53	
May 01, 2008	112.6	-1.1		107.3	-3.82		105.93	-1.4	
May 02, 2008	116.36	3.76	3.76	111.92	4.62	4.62	106.93	1	1.00
May 05, 2008	119.94	3.58	3.58	115.68	3.76	3.76	111.55	4.62	4.62
May 06, 2008	121.82	1.88	1.88	119.88	4.2	4.20	114.69	3.14	3.14
May 07, 2008	123.56	1.74	1.74	120.27	0.39	0.39	115.97	1.28	1.28
May 08, 2008	123.77	0.21	0.21	119.85	-0.42		116.87	0.9	0.90
May 09, 2008	125.94	2.17	2.17	123.54	3.69	3.69	119.07	2.2	2.20
May 12, 2008	124.02	-1.92		122.89	-0.65		119.65	0.58	0.58
May 13, 2008	125.83	1.81	1.81	123.11	0.22	0.22	118.73	-0.92	
May 14, 2008	124.21	-1.62		121.18	-1.93		118.78	0.05	0.05
May 15, 2008	124.25	0.04	0.04	122.76	1.58	1.58	118.95	0.17	0.17
May 16, 2008	126.5	2.25	2.25	122.98	0.22	0.22	119.27	0.32	0.32
May 19, 2008	127.15	0.65	0.65	122.19	-0.79		119.24	-0.03	
May 20, 2008	128.93	1.78	1.78	124.12	1.93	1.93	121.02	1.78	1.78
May 21, 2008	132.99	4.06	4.06	127.28	3.16	3.16	124.45	3.43	3.43
May 22, 2008	130.04	-2.95		129.04	1.76	1.76	127.59	3.14	3.14
May 23, 2008	131.58	1.54	1.54	129.72	0.68	0.68	126.37	-1.22	
May 26, 2008	NA			NA			126.57	0.2	0.20
May 27, 2008	128.81	-2.77		128.92	-0.8		125.91	-0.66	
May 28, 2008	131	2.19	2.19	128.93	0.01	0.01	123.05	-2.86	
May 29, 2008	126.7	-4.3		129.33	0.4	0.40	124.27	1.22	1.22
May 30, 2008	127.35	0.65	0.65	127.85	-1.48		121.68	-2.59	
Jun 02, 2008	127.75	0.4	0.40	128.5	0.65	0.65	122.09	0.41	0.41
Jun 03, 2008	124.33	-3.42		126.28	-2.22		121.68	-0.41	
Jun 04, 2008	122.3	-2.03		121.72	-4.56		118.55	-3.13	
Jun 05, 2008	127.93	5.63	5.63	122.36	0.64	0.64	118.75	0.2	0.20
Jun 06, 2008	138.51	10.58	10.58	132.81	10.45	10.45	126.09	7.34	7.34

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Jun 09, 2008	134.44	-4.07		134.43	1.62	1.62	130.86	4.77	4.77
Jun 10, 2008	131.38	-3.06		135.24	0.81	0.81	128.64	-2.22	
Jun 11, 2008	136.43	5.05	5.05	134.52	-0.72		128.88	0.24	0.24
Jun 12, 2008	136.91	0.48	0.48	132.11	-2.41		129.75	0.87	0.87
Jun 13, 2008	134.84	-2.07		134.29	2.18	2.18	130.51	0.76	0.76
Jun 16, 2008	134.52	-0.32		133.9	-0.39		129.77	-0.74	
Jun 17, 2008	133.99	-0.53		131.27	-2.63		128.97	-0.8	
Jun 18, 2008	136.54	2.55	2.55	129.12	-2.15		128.44	-0.53	
Jun 19, 2008	131.88	-4.66		131.84	2.72	2.72	129.44	1	1.00
Jun 20, 2008	134.78	2.9	2.90	134.28	2.44	2.44	128.56	-0.88	
Jun 23, 2008	135.98	1.2	1.20	134.54	0.26	0.26	130.70	2.14	2.14
Jun 24, 2008	136.49	0.51	0.51	135.37	0.83	0.83	131.34	0.64	0.64
Jun 25, 2008	133.92	-2.57		131.59	-3.78		129.87	-1.47	
Jun 26, 2008	138.91	4.99	4.99	136.82	5.23	5.23	130.77	0.9	0.90
Jun 27, 2008	139.69	0.78	0.78	139.38	2.56	2.56	135.31	4.54	4.54
Jun 30, 2008	139.96	0.27	0.27	138.4	-0.98		136.03	0.72	0.72
Jul 01, 2008	141.06	1.1	1.10	140.67	2.27	2.27	136.94	0.91	0.91
Jul 02, 2008	143.74	2.68	2.68	141.24	0.57	0.57	137.73	0.79	0.79
Jul 03, 2008	145.31	1.57	1.57	143.95	2.71	2.71	140.73	3	3.00
Jul 04, 2008	NA			NA			140.13	-0.6	
Jul 07, 2008	141.38	-3.93		139.62	-4.33		138.44	-1.69	
Jul 08, 2008	136.06	-5.32		134.15	-5.47		135.21	-3.23	
Jul 09, 2008	135.88	-0.18		133.91	-0.24		133.16	-2.05	
Jul 10, 2008	141.47	5.59	5.59	135.81	1.9	1.90	133.68	0.52	0.52
Jul 11, 2008	144.96	3.49	3.49	143.68	7.87	7.87	139.85	6.17	6.17
Jul 14, 2008	145.16	0.2	0.20	142.43	-1.25		139.81	-0.04	
Jul 15, 2008	138.68	-6.48		136.02	-6.41		138.00	-1.81	
Jul 16, 2008	134.63	-4.05		133.31	-2.71		133.09	-4.91	
Jul 17, 2008	129.43	-5.2		134.16	0.85	0.85	131.03	-2.06	
Jul 18, 2008	128.94	-0.49		129.34	-4.82		127.93	-3.1	
Jul 21, 2008	131.43	2.49	2.49	129.34	0		127.72	-0.21	
Jul 22, 2008	127.25	-4.18		127.18	-2.16		127.43	-0.29	
Jul 23, 2008	123.73	-3.52		126.86	-0.32		123.89	-3.54	
Jul 24, 2008	124.62	0.89	0.89	125.43	-1.43		122.42	-1.47	
Jul 25, 2008	122.59	-2.03		124.7	-0.73		122.63	0.21	0.21
Jul 28, 2008	124.72	2.13	2.13	125.67	0.97	0.97	123.19	0.56	0.56
Jul 29, 2008	122.21	-2.51		125.77	0.1	0.10	121.73	-1.46	
Jul 30, 2008	126.74	4.53	4.53	122.46	-3.31		120.88	-0.85	
Jul 31, 2008	124.17	-2.57		124.1	1.64	1.64	122.48	1.6	1.60
Aug 01, 2008	125.03	0.86	0.86	124.16	0.06	0.06	121.08	-1.4	
Aug 04, 2008	121.45	-3.58		121.87	-2.29		120.80	-0.28	
Aug 05, 2008	118.71	-2.74		116.5	-5.37		116.22	-4.58	
Aug 06, 2008	118.57	-0.14		114.47	-2.03		114.64	-1.58	
Aug 07, 2008	119.84	1.27	1.27	116.94	2.47	2.47	115.08	0.44	0.44
Aug 08, 2008	115.42	-4.42		113.03	-3.91		112.73	-2.35	
Aug 11, 2008	114.44	-0.98		110.54	-2.49		111.27	-1.46	
Aug 12, 2008	113.1	-1.34		108.98	-1.56		109.08	-2.19	
Aug 13, 2008	115.96	2.86	2.86	110.68	1.7	1.70	109.56	0.48	0.48
Aug 14, 2008	115.05	-0.91		111.82	1.14	1.14	110.88	1.32	1.32
Aug 15, 2008	113.46	-1.59		108.8	-3.02		107.88	-3	
Aug 18, 2008	112.92	-0.54		109.33	0.53	0.53	108.68	0.8	0.80
Aug 19, 2008	114.39	1.47	1.47	109.02	-0.31		108.26	-0.42	
Aug 20, 2008	115.48	1.09	1.09	108.72	-0.3		109.77	1.51	1.51
Aug 21, 2008	121.23	5.75	5.75	117.24	8.52	8.52	114.07	4.3	4.30
Aug 22, 2008	114.48	-6.75		113.99	-3.25		114.63	0.56	0.56
Aug 25, 2008	114.85	0.37	0.37	109.74	-4.25		110.61	-4.02	
Aug 26, 2008	116.31	1.46	1.46	112.2	2.46	2.46	110.51	-0.1	
Aug 27, 2008	118.17	1.86	1.86	113.05	0.85	0.85	111.79	1.28	1.28
Aug 28, 2008	115.58	-2.59		113.54	0.49	0.49	111.85	0.06	0.06
Aug 29, 2008	115.55	-0.03		113.49	-0.05		111.23	-0.62	
Sep 01, 2008	NA			NA			110.01	-1.22	
Sep 02, 2008	109.63	-5.92		104.94	-8.55		103.40	-6.61	
Sep 03, 2008	109.38	-0.25		103.88	-1.06		103.68	0.28	0.28
Sep 04, 2008	107.99	-1.39		103.41	-0.47		103.64	-0.04	



TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Sep 05, 2008	106.47	-1.52		102.51	-0.9		101.21	-2.43	
Sep 08, 2008	106.35	-0.12		101.08	-1.43		101.08	-0.13	
Sep 09, 2008	103.23	-3.12		98.94	-2.14		98.49	-2.59	
Sep 10, 2008	102.66	-0.57		96	-2.94		96.79	-1.7	
Sep 11, 2008	100.95	-1.71		96.01	0.01	0.01	95.29	-1.5	
Sep 12, 2008	101.19	0.24	0.24	94.37	-1.64		95.21	-0.08	
Sep 15, 2008	95.52	-5.67		90.45	-3.92		91.26	-3.95	
Sep 16, 2008	91.49	-4.03		85.85	-4.6		86.27	-4.99	
Sep 17, 2008	97.39	5.9	5.90	86.09	0.24	0.24	87.25	0.98	0.98
Sep 18, 2008	97.5	0.11	0.11	90.89	4.8	4.80	89.38	2.13	2.13
Sep 19, 2008	104.05	6.55	6.55	93.46	2.57	2.57	91.83	2.45	2.45
Sep 22, 2008	122.61	18.56	18.56	100.43	6.97	6.97	97.95	6.12	6.12
Sep 23, 2008	107.85	-14.76		100.72	0.29	0.29	99.00	1.05	1.05
Sep 24, 2008	106.84	-1.01		102.09	1.37	1.37	98.88	-0.12	
Sep 25, 2008	111.54	4.7	4.70	100.45	-1.64		97.68	-1.2	
Sep 26, 2008	106.77	-4.77		100.88	0.43	0.43	97.90	0.22	0.22
Sep 29, 2008	96.29	-10.48		95.96	-4.92		94.09	-3.81	
Sep 30, 2008	100.7	4.41	4.41	93.52	-2.44		90.32	-3.77	
Oct 01, 2008	98.23	-2.47		92.19	-1.33		89.99	-0.33	
Oct 02, 2008	93.84	-4.39		88.88	-3.31		89.27	-0.72	
Oct 03, 2008	93.91	0.07	0.07	88.95	0.07	0.07	86.36	-2.91	
Oct 06, 2008	88.15	-5.76		84.71	-4.24		81.56	-4.8	
Oct 07, 2008	90.18	2.03	2.03	83.17	-1.54		80.04	-1.52	
Oct 08, 2008	88.94	-1.24		80.77	-2.4		77.37	-2.67	
Oct 09, 2008	86.5	-2.44		81.65	0.88	0.88	78.24	0.87	0.87
Oct 10, 2008	77.44	-9.06		74.58	-7.07		72.67	-5.57	
Oct 13, 2008	81.17	3.73	3.73	74.37	-0.21		71.96	-0.71	
Oct 14, 2008	78.69	-2.48		74.98	0.61	0.61	73.49	1.53	1.53
Oct 15, 2008	74.38	-4.31		66.86	-8.12		68.28	-5.21	
Oct 16, 2008	69.81	-4.57		64.14	-2.72		62.77	-5.51	
Oct 17, 2008	71.9	2.09	2.09	66.05	1.91	1.91	62.92	0.15	0.15
Oct 20, 2008	74.08	2.18	2.18	67.45	1.4	1.40	64.63	1.71	1.71
Oct 21, 2008	71.29	-2.79		65.99	-1.46		64.35	-0.28	
Oct 22, 2008	66.92	-4.37		62.95	-3.04		60.82	-3.53	
Oct 23, 2008	67.17	0.25	0.25	65.06	2.11	2.11	60.27	-0.55	
Oct 24, 2008	63.34	-3.83		60.57	-4.49		57.57	-2.7	
Oct 27, 2008	61.92	-1.42		59.34	-1.23		56.80	-0.77	
Oct 28, 2008	62.8	0.88	0.88	58.87	-0.47		55.90	-0.9	
Oct 29, 2008	67.45	4.65	4.65	64	5.13	5.13	58.13	2.23	2.23
Oct 30, 2008	65.79	-1.66		60.86	-3.14		59.92	1.79	1.79
Oct 31, 2008	68.1	2.31	2.31	60	-0.86		57.43	-2.49	
Nov 03, 2008	63.93	-4.17		60.32	0.32	0.32	59.03	1.6	1.60
Nov 04, 2008	70.41	6.48	6.48	62.78	2.46	2.46	57.77	-1.26	
Nov 05, 2008	65.41	-5		61.09	-1.69		58.97	1.2	1.20
Nov 06, 2008	60.72	-4.69		56.14	-4.95		54.89	-4.08	
Nov 07, 2008	61.06	0.34	0.34	56.84	0.7	0.70	53.49	-1.4	
Nov 10, 2008	62.19	1.13	1.13	57.08	0.24	0.24	54.77	1.28	1.28
Nov 11, 2008	59.38	-2.81		54.76	-2.32		52.24	-2.53	
Nov 12, 2008	55.95	-3.43		52.47	-2.29		49.94	-2.3	
Nov 13, 2008	58.31	2.36	2.36	51.32	-1.15		47.73	-2.21	
Nov 14, 2008	57.18	-1.13		50.7	-0.62		49.09	1.36	1.36
Nov 17, 2008	55.14	-2.04		50.82	0.12	0.12	47.96	-1.13	
Nov 18, 2008	54.42	-0.72		49.1	-1.72		46.55	-1.41	
Nov 19, 2008	53.64	-0.78		48.35	-0.75		45.89	-0.66	
Nov 20, 2008	48.86	-4.78		45.79	-2.56		44.06	-1.83	
Nov 21, 2008	49.22	0.36	0.36	44.91	-0.88		42.56	-1.5	
Nov 24, 2008	53.63	4.41	4.41	49.51	4.6	4.60	44.48	1.92	1.92
Nov 25, 2008	50.02	-3.61		47.51	-2		45.53	1.05	1.05
Nov 26, 2008	54.2	4.18	4.18	49.39	1.88	1.88	45.47	-0.06	
Nov 27, 2008	NA			NA			47.47	2	2.00
Nov 28, 2008	55.21	1.01	1.01	47.72	-1.67		47.22	-0.25	
Dec 01, 2008	49.34	-5.87		47.58	-0.14		45.26	-1.96	
Dec 02, 2008	47.05	-2.29		45.64	-1.94		41.60	-3.66	
Dec 03, 2008	46.79	-0.26		44.39	-1.25		40.75	-0.85	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Dec 04, 2008	43.8	-2.99		43.83	-0.56		39.56	-1.19	
Dec 05, 2008	41.01	-2.79		37.04	-6.79		36.67	-2.89	
Dec 08, 2008	43.69	2.68	2.68	40.02	2.98	2.98	37.73	1.06	1.06
Dec 09, 2008	42	-1.69		39.77	-0.25		38.19	0.46	0.46
Dec 10, 2008	43.1	1.1	1.10	39.34	-0.43		37.94	-0.25	
Dec 11, 2008	47.77	4.67	4.67	43.54	4.2	4.20	40.12	2.18	2.18
Dec 12, 2008	46.27	-1.5		42.38	-1.16		41.32	1.2	1.20
Dec 15, 2008	44.61	-1.66		45.02	2.64	2.64	42.53	1.21	1.21
Dec 16, 2008	43.84	-0.77		42	-3.02		40.74	-1.79	
Dec 17, 2008	40.17	-3.67		41.84	-0.16		40.95	0.21	0.21
Dec 18, 2008	36.73	-3.44		40.19	-1.65		39.48	-1.47	
Dec 19, 2008	33.17	-3.56		39.52	-0.67		37.72	-1.76	
Dec 22, 2008	31.1	-2.07		38.08	-1.44		36.92	-0.8	
Dec 23, 2008	30.28	-0.82		35.27	-2.81		34.49	-2.43	
Dec 24, 2008	32.94	2.66	2.66	34.45	-0.82		33.36	-1.13	
Dec 26, 2008	37.58	4.64	4.64	33.73	-0.72		NA		
Dec 29, 2008	39.89	2.31	2.31	34.16	0.43	0.43	34.69	1.33	1.33
Dec 30, 2008	38.95	-0.94		35.22	1.06	1.06	34.95	0.26	0.26
Dec 31, 2008	44.6	5.65	5.65	35.82	0.6	0.60	35.58	0.63	0.63
Jan 02, 2009	46.17	1.57	1.57	42.94	7.12	7.12	40.44	4.86	4.86
Jan 05, 2009	48.61	2.44	2.44	45.84	2.9	2.90	43.98	3.54	3.54
Jan 06, 2009	48.56	-0.05		48.89	3.05	3.05	46.32	2.34	2.34
Jan 07, 2009	42.75	-5.81		46.23	-2.66		45.43	-0.89	
Jan 08, 2009	41.68	-1.07		42.94	-3.29		42.06	-3.37	
Jan 09, 2009	40.69	-0.99		42.34	-0.6		41.90	-0.16	
Jan 12, 2009	37.65	-3.04		40.86	-1.48		40.15	-1.75	
Jan 13, 2009	37.77	0.12	0.12	43.05	2.19	2.19	40.13	-0.02	
Jan 14, 2009	37.43	-0.34		42.27	-0.78		41.32	1.19	1.19
Jan 15, 2009	35.41	-2.02		42.32	0.05	0.05	40.90	-0.42	
Jan 16, 2009	35.38	-0.03		43.42	1.1	1.10	42.23	1.33	1.33
Jan 19, 2009	NA			NA			40.33	-1.9	
Jan 20, 2009	38.57	3.19	3.19	41.22	-2.2		39.29	-1.04	
Jan 21, 2009	42.56	3.99	3.99	39.9	-1.32		39.55	0.26	0.26
Jan 22, 2009	42.33	-0.23		42.42	2.52	2.52	40.28	0.73	0.73
Jan 23, 2009	45.12	2.79	2.79	43.13	0.71	0.71	41.03	0.75	0.75
Jan 26, 2009	46.5	1.38	1.38	48	4.87	4.87	42.54	1.51	1.51
Jan 27, 2009	41.67	-4.83		42.86	-5.14		40.48	-2.06	
Jan 28, 2009	42.04	0.37	0.37	42.86	0		40.81	0.33	0.33
Jan 29, 2009	41.58	-0.46		43.13	0.27	0.27	41.19	0.38	0.38
Jan 30, 2009	41.73	0.15	0.15	44.17	1.04	1.04	42.02	0.83	0.83
Feb 02, 2009	41.35	-0.38		42.96	-1.21		42.58	0.56	0.56
Feb 03, 2009	40.87	-0.48		43.15	0.19	0.19	41.57	-1.01	
Feb 04, 2009	40.27	-0.6		43.68	0.53	0.53	41.63	0.06	0.06
Feb 05, 2009	41.15	0.88	0.88	43.92	0.24	0.24	42.15	0.52	0.52
Feb 06, 2009	40.24	-0.91		44.49	0.57	0.57	43.29	1.14	1.14
Feb 09, 2009	39.58	-0.66		47.23	2.74	2.74	43.90	0.61	0.61
Feb 10, 2009	37.54	-2.04		45.88	-1.35		43.45	-0.45	
Feb 11, 2009	35.93	-1.61		44.24	-1.64		42.29	-1.16	
Feb 12, 2009	34.03	-1.9		47.23	2.99	2.99	41.81	-0.48	
Feb 13, 2009	37.63	3.6	3.60	43.36	-3.87		42.31	0.5	0.50
Feb 16, 2009	NA			NA			41.48	-0.83	
Feb 17, 2009	34.96	-2.67		39.69	-3.67		39.80	-1.68	
Feb 18, 2009	34.67	-0.29		39.41	-0.28		38.10	-1.7	
Feb 19, 2009	39.6	4.93	4.93	42.36	2.95	2.95	38.98	0.88	0.88
Feb 20, 2009	39.35	-0.25		42.19	-0.17		39.19	0.21	0.21
Feb 23, 2009	37.66	-1.69		41.27	-0.92		39.47	0.28	0.28
Feb 24, 2009	38.86	1.2	1.20	40.18	-1.09		39.03	-0.44	
Feb 25, 2009	41.64	2.78	2.78	42.37	2.19	2.19	40.71	1.68	1.68
Feb 26, 2009	43.18	1.54	1.54	45.15	2.78	2.78	43.21	2.5	2.50
Feb 27, 2009	44.15	0.97	0.97	44.41	-0.74		43.23	0.02	0.02
Mar 02, 2009	40.07	-4.08		42.6	-1.81		42.61	-0.62	
Mar 03, 2009	41.57	1.5	1.50	42.72	0.12	0.12	41.79	-0.82	
Mar 04, 2009	45.28	3.71	3.71	46.07	3.35	3.35	43.83	2.04	2.04
Mar 05, 2009	43.54	-1.74		44.45	-1.62		43.64	-0.19	

TANGGAL	WTI			BRENT			OPEC		
	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN	HARGA (US\$)	FLUKTUASI	KENAIKAN
Mar 06, 2009	45.43	1.89	1.89	43.48	-0.97		43.15	-0.49	
Mar 09, 2009	47.01	1.58	1.58	44.55	1.07	1.07	44.04	0.89	0.89
Mar 10, 2009	45.68	-1.33		44.99	0.44	0.44	43.47	-0.57	
Mar 11, 2009	42.46	-3.22		43.2	-1.79		42.38	-1.09	
Mar 12, 2009	46.91	4.45	4.45	42.19	-1.01		42.24	-0.14	
Mar 13, 2009	46.22	-0.69		44.97	2.78	2.78	44.15	1.91	1.91
Mar 16, 2009	47.33	1.11	1.11	44.12	-0.85		43.05	-1.1	
Mar 17, 2009	48.97	1.64	1.64	45.53	1.41	1.41	44.71	1.66	1.66
Mar 18, 2009	48.12	-0.85		45.22	-0.31		45.64	0.93	0.93
Mar 19, 2009	51.46	3.34	3.34	48.03	2.81	2.81	47.39	1.75	1.75
Mar 20, 2009	51.55	0.09	0.09	49.27	1.24	1.24	48.77	1.38	1.38
Mar 23, 2009	53.05	1.5	1.50	51.84	2.57	2.57	50.18	1.41	1.41
Mar 24, 2009	53.36	0.31	0.31	51.32	-0.52		50.44	0.26	0.26
Jumlah Data			807			812			863



**LAMPIRAN 2**  
**PEMILIHAN DATA DI ATAS THRESHOLD**

k	WTI		BRENT		OPEC	
	DATA KENAIKAN (n)	DATA EKSTREM (M)	DATA KENAIKAN (n)	DATA EKSTREM (M)	DATA KENAIKAN (n)	DATA EKSTREM (M)
1	18.56	18.56	10.45	10.45	7.34	7.34
2	10.58	10.58	8.52	8.52	6.17	6.17
3	6.55	6.55	7.87	7.87	6.12	6.12
4	6.48	6.48	7.12	7.12	4.86	4.86
5	5.90	5.9	6.97	6.97	4.77	4.77
6	5.75	5.75	5.23	5.23	4.62	4.62
7	5.65	5.65	5.16	5.16	4.54	4.54
8	5.63	5.63	5.13	5.13	4.30	4.3
9	5.59	5.59	4.87	4.87	3.54	3.54
10	5.05	5.05	4.8	4.8	3.43	3.43
11	4.99	4.99	4.62	4.62	3.14	3.14
12	4.93	4.93	4.6	4.6	3.14	3.14
13	4.73	4.73	4.5	4.5	3.00	3
14	4.70	4.7	4.2	4.2	2.91	2.91
15	4.67	4.67	4.2	4.2	2.71	2.71
16	4.65	4.65	4.07	4.07	2.53	2.53
17	4.64	4.64	3.92	3.92	2.50	2.5
18	4.53	4.53	3.77	3.77	2.48	2.48
19	4.45	4.45	3.76	3.76	2.45	2.45
20	4.42	4.42	3.69	3.69	2.45	2.45
21	4.41	4.41	3.56	3.56	2.34	2.34
22	4.41	4.41	3.46	3.46	2.23	2.23
23	4.36	4.36	3.37	3.37	2.20	2.2
24	4.30	4.3	3.35	3.35	2.18	2.18
25	4.29	4.29	3.33	3.33	2.18	2.18
26	4.28	4.28	3.27	3.27	2.17	2.17
27	4.18	4.18	3.17	3.17	2.15	2.15
28	4.06	4.06	3.16	3.16	2.15	2.15
29	4.05	4.05	3.08	3.08	2.14	2.14
30	3.99	3.99	3.05	3.05	2.13	2.13
31	3.91	3.91	2.99	2.99	2.13	2.13
32	3.91	3.91	2.98	2.98	2.11	2.11
33	3.83	3.83	2.98	2.98	2.10	2.1
34	3.83	3.83	2.95	2.95	2.04	2.04
35	3.79	3.79	2.92	2.92	2.00	2
36	3.76	3.76	2.9	2.9	1.94	1.94
37	3.73	3.73	2.9	2.9	1.94	1.94
38	3.71	3.71	2.85	2.85	1.93	1.93
39	3.70	3.7	2.83	2.83	1.92	1.92
40	3.69	3.69	2.81	2.81	1.91	1.91
41	3.60	3.6	2.78	2.78	1.85	1.85
42	3.58	3.58	2.78	2.78	1.85	1.85
43	3.49	3.49	2.75	2.75	1.84	1.84
44	3.43	3.43	2.74	2.74	1.80	1.8
45	3.41	3.41	2.72	2.72	1.79	1.79

	WTI		BRENT		OPEC	
46	3.34	3.34	2.71	2.71	1.78	1.78
47	3.23	3.23	2.67	2.67	1.78	1.78
48	3.19	3.19	2.64	2.64	1.75	1.75
49	3.13	3.13	2.62	2.62	1.75	1.75
50	3.02	3.02	2.59	2.59	1.71	1.71
51	3.02	3.02	2.57	2.57	1.71	1.71
52	3.01	3.01	2.57	2.57	1.70	1.7
53	2.90	2.9	2.57	2.57	1.68	1.68
54	2.86	2.86	2.56	2.56	1.67	1.67
55	2.84	2.84	2.54	2.54	1.66	1.66
56	2.82	2.82	2.54	2.54	1.65	1.65
57	2.80	2.8	2.53	2.53	1.65	1.65
58	2.79	2.79	2.52	2.52	1.65	1.65
59	2.78	2.78	2.52	2.52	1.61	1.61
60	2.78	2.78	2.52	2.52	1.60	1.6
61	2.68	2.68	2.48	2.48	1.60	1.6
62	2.68	2.68	2.47	2.47	1.58	1.58
63	2.66	2.66	2.46	2.46	1.57	1.57
64	2.62	2.62	2.46	2.46	1.55	1.55
65	2.60	2.6	2.46	2.46	1.55	1.55
66	2.59	2.59	2.45	2.45	1.53	1.53
67	2.55	2.55	2.45	2.45	1.51	1.51
68	2.55	2.55	2.44	2.44	1.51	1.51
69	2.55	2.55	2.41	2.41	1.49	1.49
70	2.54	2.54	2.4	2.4	1.48	1.48
71	2.50	2.5	2.37	2.37	1.48	1.48
72	2.50	2.5	2.36	2.36	1.47	1.47
73	2.50	2.5	2.35	2.35	1.47	1.47
74	2.49	2.49	2.35	2.35	1.47	1.47
75	2.48	2.48	2.34	2.34	1.44	1.44
76	2.46	2.46	2.27	2.27	1.43	1.43
77	2.45	2.45	2.25	2.25	1.42	1.42
78	2.44	2.44	2.25	2.25	1.42	1.42
79	2.43	2.43	2.25	2.25	1.41	1.41
80	2.40	2.4	2.23	2.23	1.41	1.41
81	2.36	2.36	2.23	2.23	1.41	1.41
82	2.36	2.36	2.21	2.21	1.40	1.4
83	2.35		2.19		1.40	1.4
84	2.33		2.19		1.39	1.39
85	2.33		2.19		1.39	1.39
86	2.33		2.19		1.38	1.38
87	2.32		2.18		1.37	1.37
88	2.31		2.18		1.36	
89	2.31		2.15		1.36	
90	2.31		2.13		1.36	
91	2.29		2.12		1.36	
92	2.28		2.11		1.36	
93	2.27		2.11		1.35	
94	2.26		2.1		1.33	
95	2.25		2.09		1.33	

	WTI	BRENT	OPEC
96	2.20	2.07	1.33
97	2.20	2.05	1.32
98	2.19	2.05	1.32
99	2.18	2.02	1.32
100	2.17	2.01	1.31
101	2.17	2.01	1.31
102	2.15	1.95	1.28
103	2.14	1.95	1.28
104	2.13	1.94	1.28
105	2.10	1.93	1.28
106	2.10	1.93	1.28
107	2.09	1.93	1.28
108	2.07	1.93	1.28
109	2.06	1.93	1.27
110	2.05	1.91	1.27
111	2.04	1.91	1.25
112	2.03	1.9	1.25
113	2.02	1.9	1.23
114	2.01	1.88	1.23
115	2.01	1.84	1.22
116	1.99	1.84	1.22
117	1.95	1.83	1.22
118	1.95	1.83	1.21
119	1.95	1.83	1.21
120	1.95	1.83	1.20
121	1.92	1.82	1.20
122	1.92	1.81	1.20
123	1.91	1.8	1.20
124	1.90	1.79	1.20
125	1.90	1.78	1.20
126	1.90	1.78	1.20
127	1.89	1.77	1.19
128	1.89	1.76	1.19
129	1.89	1.76	1.19
130	1.89	1.75	1.19
131	1.88	1.74	1.18
132	1.86	1.73	1.18
133	1.86	1.72	1.17
134	1.85	1.72	1.17
135	1.85	1.7	1.17
136	1.81	1.68	1.16
137	1.81	1.67	1.16
138	1.80	1.66	1.16
139	1.79	1.65	1.16
140	1.78	1.64	1.16
141	1.77	1.64	1.16
142	1.77	1.64	1.15
143	1.77	1.63	1.14
144	1.76	1.62	1.14
145	1.76	1.62	1.14

	WTI	BRENT	OPEC
146	1.75	1.62	1.14
147	1.75	1.6	1.14
148	1.74	1.59	1.12
149	1.74	1.58	1.12
150	1.73	1.58	1.12
151	1.73	1.58	1.12
152	1.72	1.57	1.12
153	1.71	1.57	1.11
154	1.69	1.55	1.10
155	1.69	1.55	1.10
156	1.67	1.54	1.09
157	1.67	1.53	1.09
158	1.67	1.53	1.08
159	1.66	1.52	1.07
160	1.66	1.51	1.07
161	1.66	1.51	1.07
162	1.65	1.49	1.06
163	1.65	1.49	1.06
164	1.65	1.49	1.05
165	1.65	1.47	1.05
166	1.64	1.47	1.05
167	1.64	1.46	1.05
168	1.62	1.45	1.05
169	1.62	1.45	1.04
170	1.60	1.45	1.04
171	1.60	1.44	1.04
172	1.60	1.43	1.03
173	1.60	1.43	1.03
174	1.59	1.43	1.03
175	1.58	1.43	1.02
176	1.57	1.43	1.02
177	1.57	1.42	1.02
178	1.57	1.42	1.02
179	1.55	1.41	1.02
180	1.55	1.41	1.01
181	1.54	1.41	1.01
182	1.54	1.4	1.01
183	1.54	1.4	1.01
184	1.53	1.39	1.01
185	1.52	1.39	1.01
186	1.51	1.39	1.00
187	1.50	1.38	1.00
188	1.50	1.37	1.00
189	1.49	1.37	1.00
190	1.48	1.37	0.99
191	1.48	1.37	0.99
192	1.47	1.36	0.99
193	1.47	1.36	0.98
194	1.46	1.36	0.98
195	1.46	1.36	0.98

	WTI	BRENT	OPEC
196	1.45	1.34	0.98
197	1.45	1.34	0.97
198	1.45	1.33	0.96
199	1.45	1.33	0.96
200	1.45	1.33	0.95
201	1.45	1.31	0.95
202	1.44	1.29	0.95
203	1.44	1.29	0.95
204	1.43	1.28	0.94
205	1.43	1.28	0.94
206	1.43	1.27	0.94
207	1.43	1.27	0.94
208	1.43	1.26	0.93
209	1.42	1.26	0.93
210	1.41	1.26	0.93
211	1.41	1.26	0.92
212	1.40	1.25	0.92
213	1.40	1.25	0.92
214	1.40	1.24	0.92
215	1.39	1.24	0.92
216	1.38	1.24	0.91
217	1.38	1.22	0.91
218	1.37	1.22	0.91
219	1.37	1.22	0.90
220	1.37	1.22	0.90
221	1.36	1.21	0.90
222	1.35	1.21	0.90
223	1.35	1.2	0.90
224	1.35	1.19	0.90
225	1.35	1.19	0.90
226	1.35	1.18	0.90
227	1.34	1.18	0.90
228	1.33	1.18	0.89
229	1.32	1.18	0.89
230	1.32	1.17	0.89
231	1.32	1.17	0.89
232	1.31	1.16	0.88
233	1.31	1.16	0.88
234	1.30	1.16	0.87
235	1.30	1.16	0.87
236	1.30	1.16	0.87
237	1.30	1.15	0.87
238	1.30	1.15	0.87
239	1.30	1.15	0.87
240	1.29	1.14	0.86
241	1.29	1.14	0.86
242	1.29	1.14	0.86
243	1.29	1.14	0.86
244	1.27	1.14	0.86
245	1.27	1.14	0.86



	WTI	BRENT	OPEC
246	1.26	1.13	0.85
247	1.26	1.12	0.85
248	1.26	1.11	0.85
249	1.26	1.1	0.85
250	1.26	1.1	0.85
251	1.25	1.1	0.84
252	1.23	1.1	0.84
253	1.23	1.09	0.84
254	1.23	1.09	0.84
255	1.23	1.09	0.84
256	1.23	1.08	0.84
257	1.22	1.08	0.83
258	1.22	1.08	0.83
259	1.21	1.08	0.83
260	1.21	1.07	0.82
261	1.20	1.07	0.82
262	1.20	1.07	0.82
263	1.20	1.07	0.82
264	1.20	1.07	0.81
265	1.20	1.07	0.81
266	1.19	1.06	0.81
267	1.19	1.06	0.80
268	1.19	1.06	0.80
269	1.19	1.06	0.80
270	1.18	1.05	0.80
271	1.18	1.05	0.79
272	1.18	1.05	0.79
273	1.17	1.04	0.79
274	1.17	1.04	0.78
275	1.16	1.04	0.78
276	1.15	1.04	0.78
277	1.15	1.03	0.78
278	1.14	1.03	0.78
279	1.14	1.02	0.78
280	1.13	1.02	0.78
281	1.13	1.02	0.78
282	1.13	1.02	0.77
283	1.13	1.02	0.77
284	1.13	1.02	0.77
285	1.13	1.02	0.77
286	1.12	1	0.77
287	1.12	1	0.76
288	1.11	0.99	0.76
289	1.10	0.99	0.76
290	1.10	0.98	0.76
291	1.10	0.98	0.76
292	1.10	0.98	0.76
293	1.09	0.98	0.75
294	1.09	0.97	0.75
295	1.09	0.97	0.75

	WTI	BRENT	OPEC
296	1.09	0.97	0.75
297	1.09	0.96	0.74
298	1.08	0.96	0.74
299	1.08	0.96	0.74
300	1.08	0.96	0.74
301	1.08	0.96	0.74
302	1.07	0.96	0.74
303	1.07	0.96	0.73
304	1.07	0.95	0.73
305	1.06	0.95	0.73
306	1.06	0.95	0.73
307	1.05	0.95	0.73
308	1.05	0.94	0.73
309	1.05	0.94	0.73
310	1.05	0.94	0.73
311	1.05	0.94	0.72
312	1.04	0.93	0.72
313	1.04	0.93	0.72
314	1.04	0.93	0.72
315	1.04	0.93	0.72
316	1.03	0.93	0.72
317	1.03	0.93	0.72
318	1.03	0.92	0.72
319	1.02	0.92	0.72
320	1.02	0.92	0.72
321	1.01	0.92	0.71
322	1.01	0.92	0.71
323	1.01	0.92	0.71
324	1.00	0.91	0.71
325	1.00	0.91	0.71
326	1.00	0.91	0.71
327	0.99	0.9	0.70
328	0.99	0.9	0.70
329	0.98	0.9	0.70
330	0.98	0.9	0.70
331	0.98	0.89	0.69
332	0.98	0.89	0.69
333	0.97	0.89	0.69
334	0.97	0.88	0.69
335	0.97	0.88	0.69
336	0.97	0.88	0.69
337	0.96	0.88	0.68
338	0.96	0.88	0.68
339	0.96	0.88	0.68
340	0.96	0.88	0.68
341	0.96	0.88	0.68
342	0.96	0.87	0.67
343	0.96	0.87	0.67
344	0.95	0.87	0.66
345	0.95	0.86	0.66

	WTI	BRENT	OPEC
346	0.95	0.86	0.66
347	0.95	0.86	0.66
348	0.94	0.86	0.66
349	0.94	0.86	0.66
350	0.94	0.85	0.66
351	0.93	0.85	0.66
352	0.92	0.85	0.66
353	0.92	0.85	0.65
354	0.91	0.85	0.65
355	0.91	0.85	0.65
356	0.91	0.84	0.65
357	0.90	0.84	0.65
358	0.90	0.84	0.64
359	0.90	0.83	0.64
360	0.89	0.83	0.64
361	0.89	0.83	0.64
362	0.89	0.83	0.64
363	0.89	0.83	0.64
364	0.88	0.83	0.64
365	0.88	0.82	0.63
366	0.88	0.82	0.63
367	0.88	0.81	0.62
368	0.88	0.81	0.62
369	0.87	0.81	0.62
370	0.87	0.81	0.62
371	0.87	0.81	0.61
372	0.87	0.81	0.61
373	0.87	0.81	0.61
374	0.87	0.8	0.61
375	0.86	0.8	0.61
376	0.86	0.8	0.61
377	0.86	0.79	0.60
378	0.86	0.79	0.60
379	0.86	0.79	0.60
380	0.85	0.78	0.60
381	0.85	0.78	0.60
382	0.85	0.77	0.60
383	0.85	0.77	0.59
384	0.85	0.77	0.59
385	0.85	0.77	0.59
386	0.85	0.76	0.58
387	0.85	0.76	0.58
388	0.85	0.75	0.58
389	0.84	0.75	0.58
390	0.84	0.75	0.58
391	0.84	0.75	0.58
392	0.84	0.74	0.58
393	0.84	0.74	0.58
394	0.83	0.74	0.57
395	0.83	0.74	0.57

	WTI	BRENT	OPEC
396	0.83	0.74	0.57
397	0.83	0.74	0.57
398	0.83	0.74	0.57
399	0.82	0.74	0.57
400	0.82	0.73	0.57
401	0.81	0.73	0.57
402	0.81	0.73	0.57
403	0.81	0.73	0.57
404	0.81	0.72	0.57
405	0.81	0.72	0.56
406	0.81	0.72	0.56
407	0.80	0.72	0.56
408	0.80	0.72	0.56
409	0.80	0.71	0.56
410	0.80	0.71	0.56
411	0.80	0.71	0.56
412	0.80	0.71	0.56
413	0.80	0.7	0.56
414	0.80	0.7	0.55
415	0.80	0.7	0.55
416	0.79	0.7	0.55
417	0.79	0.7	0.55
418	0.79	0.7	0.55
419	0.79	0.7	0.55
420	0.78	0.69	0.55
421	0.78	0.69	0.55
422	0.78	0.68	0.55
423	0.77	0.68	0.54
424	0.77	0.68	0.54
425	0.77	0.68	0.54
426	0.77	0.68	0.54
427	0.77	0.68	0.54
428	0.77	0.67	0.54
429	0.77	0.67	0.54
430	0.76	0.67	0.53
431	0.76	0.67	0.53
432	0.75	0.67	0.53
433	0.75	0.66	0.53
434	0.74	0.66	0.53
435	0.74	0.66	0.53
436	0.74	0.65	0.53
437	0.74	0.65	0.52
438	0.74	0.65	0.52
439	0.74	0.65	0.52
440	0.73	0.65	0.52
441	0.73	0.64	0.52
442	0.72	0.64	0.52
443	0.71	0.64	0.52
444	0.70	0.64	0.52
445	0.70	0.64	0.52

	WTI	BRENT	OPEC
446	0.70	0.63	0.52
447	0.70	0.63	0.52
448	0.70	0.63	0.51
449	0.70	0.63	0.51
450	0.70	0.62	0.51
451	0.70	0.62	0.51
452	0.70	0.62	0.51
453	0.69	0.62	0.51
454	0.69	0.62	0.50
455	0.69	0.61	0.50
456	0.69	0.61	0.50
457	0.69	0.61	0.49
458	0.68	0.61	0.49
459	0.68	0.61	0.49
460	0.68	0.61	0.49
461	0.68	0.6	0.49
462	0.67	0.6	0.49
463	0.67	0.6	0.49
464	0.67	0.6	0.49
465	0.67	0.6	0.49
466	0.66	0.6	0.48
467	0.66	0.59	0.48
468	0.66	0.58	0.48
469	0.65	0.58	0.48
470	0.65	0.58	0.48
471	0.65	0.58	0.47
472	0.65	0.58	0.47
473	0.65	0.58	0.47
474	0.65	0.57	0.47
475	0.64	0.57	0.47
476	0.64	0.57	0.47
477	0.64	0.57	0.47
478	0.64	0.57	0.46
479	0.64	0.57	0.46
480	0.64	0.56	0.46
481	0.64	0.56	0.46
482	0.63	0.56	0.46
483	0.63	0.56	0.46
484	0.63	0.56	0.46
485	0.63	0.55	0.46
486	0.63	0.54	0.45
487	0.62	0.54	0.45
488	0.62	0.54	0.45
489	0.62	0.54	0.45
490	0.61	0.54	0.45
491	0.61	0.54	0.45
492	0.61	0.53	0.45
493	0.61	0.53	0.44
494	0.60	0.53	0.44
495	0.60	0.53	0.44

	WTI	BRENT	OPEC
496	0.60	0.53	0.44
497	0.60	0.53	0.44
498	0.60	0.53	0.44
499	0.60	0.53	0.44
500	0.59	0.53	0.44
501	0.59	0.53	0.44
502	0.58	0.53	0.44
503	0.58	0.53	0.44
504	0.58	0.52	0.44
505	0.57	0.52	0.44
506	0.57	0.52	0.44
507	0.57	0.52	0.43
508	0.57	0.52	0.43
509	0.57	0.51	0.43
510	0.56	0.51	0.42
511	0.55	0.51	0.42
512	0.55	0.5	0.42
513	0.55	0.5	0.42
514	0.55	0.5	0.41
515	0.55	0.5	0.40
516	0.55	0.5	0.40
517	0.55	0.5	0.39
518	0.55	0.49	0.39
519	0.54	0.49	0.39
520	0.54	0.49	0.39
521	0.54	0.48	0.39
522	0.54	0.47	0.39
523	0.53	0.47	0.38
524	0.53	0.47	0.38
525	0.52	0.47	0.38
526	0.52	0.47	0.38
527	0.52	0.47	0.38
528	0.52	0.47	0.38
529	0.52	0.47	0.38
530	0.52	0.47	0.38
531	0.51	0.46	0.37
532	0.51	0.46	0.37
533	0.51	0.46	0.37
534	0.50	0.46	0.37
535	0.50	0.45	0.37
536	0.50	0.45	0.37
537	0.50	0.45	0.36
538	0.50	0.45	0.36
539	0.50	0.44	0.36
540	0.50	0.44	0.36
541	0.50	0.44	0.36
542	0.50	0.43	0.36
543	0.50	0.43	0.36
544	0.50	0.43	0.36
545	0.49	0.43	0.36

	WTI	BRENT	OPEC
546	0.49	0.43	0.35
547	0.49	0.43	0.35
548	0.49	0.43	0.35
549	0.48	0.43	0.35
550	0.48	0.43	0.35
551	0.48	0.43	0.35
552	0.48	0.43	0.35
553	0.48	0.43	0.35
554	0.48	0.42	0.35
555	0.48	0.42	0.35
556	0.47	0.41	0.34
557	0.47	0.41	0.34
558	0.46	0.41	0.34
559	0.46	0.41	0.34
560	0.46	0.41	0.34
561	0.46	0.4	0.34
562	0.46	0.4	0.34
563	0.46	0.4	0.33
564	0.46	0.4	0.33
565	0.46	0.4	0.33
566	0.45	0.4	0.32
567	0.45	0.4	0.32
568	0.45	0.4	0.32
569	0.45	0.4	0.32
570	0.45	0.4	0.32
571	0.45	0.39	0.32
572	0.45	0.39	0.32
573	0.45	0.39	0.32
574	0.44	0.39	0.32
575	0.44	0.39	0.32
576	0.44	0.39	0.31
577	0.44	0.39	0.31
578	0.43	0.39	0.31
579	0.43	0.39	0.31
580	0.42	0.39	0.31
581	0.42	0.38	0.31
582	0.42	0.38	0.31
583	0.42	0.38	0.31
584	0.42	0.38	0.31
585	0.42	0.38	0.31
586	0.42	0.37	0.31
587	0.42	0.37	0.31
588	0.42	0.37	0.31
589	0.41	0.37	0.30
590	0.41	0.37	0.30
591	0.41	0.37	0.30
592	0.40	0.37	0.30
593	0.40	0.37	0.30
594	0.40	0.37	0.30
595	0.40	0.37	0.30

	WTI	BRENT	OPEC
596	0.40	0.37	0.29
597	0.40	0.37	0.29
598	0.40	0.36	0.29
599	0.40	0.36	0.29
600	0.40	0.36	0.29
601	0.40	0.35	0.29
602	0.39	0.35	0.29
603	0.39	0.35	0.29
604	0.38	0.35	0.29
605	0.37	0.35	0.29
606	0.37	0.35	0.29
607	0.37	0.35	0.29
608	0.37	0.34	0.28
609	0.37	0.34	0.28
610	0.37	0.34	0.28
611	0.36	0.34	0.28
612	0.36	0.33	0.28
613	0.36	0.33	0.28
614	0.36	0.33	0.28
615	0.36	0.33	0.28
616	0.36	0.33	0.28
617	0.36	0.32	0.27
618	0.36	0.32	0.27
619	0.35	0.32	0.27
620	0.35	0.32	0.27
621	0.35	0.32	0.27
622	0.35	0.32	0.27
623	0.35	0.31	0.27
624	0.35	0.31	0.27
625	0.35	0.31	0.26
626	0.35	0.31	0.26
627	0.35	0.31	0.26
628	0.35	0.3	0.26
629	0.34	0.3	0.26
630	0.34	0.3	0.26
631	0.34	0.29	0.26
632	0.34	0.29	0.26
633	0.33	0.29	0.26
634	0.32	0.29	0.26
635	0.32	0.28	0.26
636	0.32	0.28	0.26
637	0.31	0.28	0.25
638	0.31	0.28	0.25
639	0.31	0.28	0.25
640	0.31	0.28	0.25
641	0.31	0.27	0.25
642	0.31	0.27	0.25
643	0.31	0.27	0.25
644	0.30	0.27	0.25
645	0.30	0.26	0.25



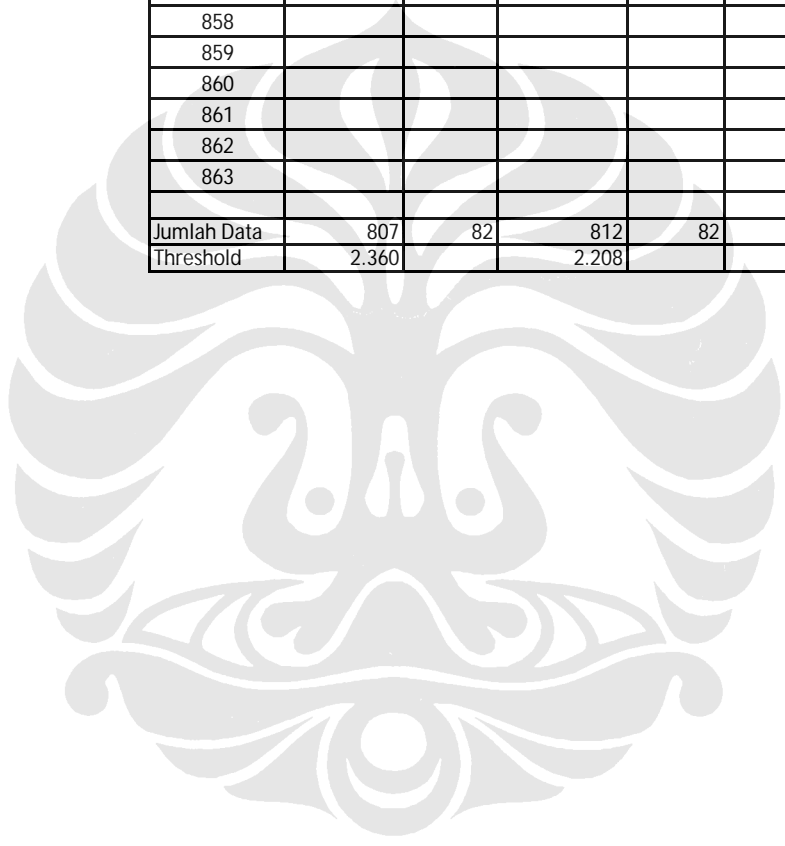
	WTI	BRENT	OPEC
646	0.30	0.26	0.24
647	0.30	0.26	0.24
648	0.30	0.26	0.24
649	0.30	0.26	0.24
650	0.30	0.26	0.24
651	0.30	0.26	0.24
652	0.30	0.25	0.24
653	0.29	0.25	0.24
654	0.29	0.25	0.23
655	0.29	0.25	0.23
656	0.28	0.24	0.23
657	0.28	0.24	0.23
658	0.28	0.24	0.23
659	0.28	0.24	0.23
660	0.28	0.24	0.23
661	0.28	0.24	0.23
662	0.27	0.24	0.23
663	0.27	0.24	0.23
664	0.27	0.24	0.23
665	0.27	0.24	0.23
666	0.27	0.23	0.23
667	0.27	0.23	0.22
668	0.27	0.23	0.22
669	0.26	0.23	0.22
670	0.26	0.23	0.22
671	0.26	0.23	0.22
672	0.25	0.23	0.21
673	0.25	0.23	0.21
674	0.25	0.23	0.21
675	0.25	0.22	0.21
676	0.25	0.22	0.21
677	0.25	0.22	0.21
678	0.25	0.22	0.21
679	0.25	0.22	0.21
680	0.24	0.22	0.21
681	0.24	0.22	0.21
682	0.24	0.22	0.21
683	0.24	0.21	0.20
684	0.24	0.2	0.20
685	0.23	0.2	0.20
686	0.23	0.2	0.20
687	0.22	0.2	0.20
688	0.22	0.2	0.20
689	0.22	0.2	0.20
690	0.22	0.2	0.20
691	0.21	0.19	0.20
692	0.21	0.19	0.19
693	0.21	0.19	0.19
694	0.21	0.19	0.19
695	0.21	0.19	0.19

	WTI	BRENT	OPEC
696	0.21	0.19	0.19
697	0.20	0.19	0.19
698	0.20	0.18	0.19
699	0.20	0.18	0.19
700	0.20	0.18	0.19
701	0.20	0.18	0.18
702	0.20	0.18	0.18
703	0.20	0.18	0.18
704	0.20	0.18	0.18
705	0.20	0.18	0.18
706	0.20	0.18	0.18
707	0.20	0.17	0.18
708	0.20	0.17	0.18
709	0.20	0.16	0.18
710	0.20	0.16	0.17
711	0.19	0.16	0.17
712	0.19	0.16	0.17
713	0.19	0.16	0.17
714	0.19	0.15	0.17
715	0.19	0.15	0.17
716	0.18	0.14	0.17
717	0.18	0.14	0.17
718	0.18	0.14	0.17
719	0.18	0.14	0.17
720	0.18	0.14	0.17
721	0.17	0.13	0.17
722	0.17	0.13	0.17
723	0.16	0.13	0.16
724	0.16	0.13	0.16
725	0.15	0.13	0.16
726	0.15	0.12	0.16
727	0.15	0.12	0.16
728	0.15	0.12	0.16
729	0.15	0.12	0.16
730	0.15	0.12	0.16
731	0.15	0.12	0.15
732	0.15	0.12	0.15
733	0.15	0.12	0.15
734	0.15	0.12	0.15
735	0.15	0.11	0.15
736	0.14	0.11	0.15
737	0.14	0.11	0.15
738	0.13	0.11	0.15
739	0.12	0.11	0.15
740	0.12	0.11	0.15
741	0.12	0.11	0.15
742	0.11	0.1	0.15
743	0.11	0.1	0.15
744	0.11	0.1	0.15
745	0.11	0.1	0.15

	WTI	BRENT	OPEC
746	0.11	0.1	0.15
747	0.11	0.1	0.15
748	0.11	0.1	0.14
749	0.11	0.09	0.14
750	0.11	0.09	0.14
751	0.11	0.09	0.14
752	0.10	0.09	0.14
753	0.10	0.09	0.14
754	0.10	0.09	0.14
755	0.10	0.09	0.14
756	0.10	0.08	0.13
757	0.10	0.08	0.13
758	0.10	0.08	0.13
759	0.10	0.08	0.13
760	0.10	0.08	0.13
761	0.10	0.08	0.13
762	0.10	0.08	0.13
763	0.10	0.08	0.13
764	0.10	0.08	0.13
765	0.10	0.08	0.13
766	0.09	0.07	0.13
767	0.09	0.07	0.13
768	0.09	0.07	0.12
769	0.09	0.07	0.12
770	0.09	0.07	0.12
771	0.08	0.07	0.12
772	0.08	0.07	0.12
773	0.08	0.06	0.12
774	0.08	0.06	0.12
775	0.07	0.06	0.11
776	0.07	0.06	0.11
777	0.07	0.06	0.11
778	0.07	0.06	0.11
779	0.06	0.06	0.11
780	0.06	0.06	0.11
781	0.06	0.05	0.10
782	0.06	0.05	0.10
783	0.05	0.05	0.10
784	0.05	0.05	0.10
785	0.05	0.05	0.10
786	0.05	0.05	0.10
787	0.05	0.05	0.09
788	0.05	0.05	0.09
789	0.05	0.05	0.09
790	0.05	0.05	0.09
791	0.05	0.05	0.09
792	0.05	0.05	0.08
793	0.05	0.05	0.08
794	0.05	0.04	0.08
795	0.04	0.04	0.08

	WTI	BRENT	OPEC
796	0.04	0.04	0.08
797	0.04	0.04	0.08
798	0.03	0.04	0.08
799	0.03	0.04	0.08
800	0.03	0.03	0.08
801	0.03	0.03	0.08
802	0.03	0.03	0.08
803	0.03	0.02	0.08
804	0.03	0.02	0.07
805	0.01	0.02	0.07
806	0.01	0.01	0.07
807	0.01	0.01	0.07
808		0.01	0.07
809		0.01	0.06
810		0.01	0.06
811		0.01	0.06
812		0.01	0.06
813			0.06
814			0.06
815			0.06
816			0.06
817			0.06
818			0.06
819			0.06
820			0.06
821			0.05
822			0.05
823			0.05
824			0.05
825			0.05
826			0.05
827			0.05
828			0.05
829			0.05
830			0.04
831			0.04
832			0.04
833			0.04
834			0.04
835			0.03
836			0.03
837			0.03
838			0.03
839			0.03
840			0.03
841			0.03
842			0.03
843			0.03
844			0.03
845			0.03

	WTI		BRENT		OPEC	
846					0.03	
847					0.03	
848					0.03	
849					0.02	
850					0.02	
851					0.02	
852					0.02	
853					0.02	
854					0.02	
855					0.02	
856					0.02	
857					0.01	
858					0.01	
859					0.01	
860					0.01	
861					0.01	
862					0.01	
863					0.01	
Jumlah Data	807	82	812	82	863	87
Threshold	2.360		2.208		1.368	



**LAMPIRAN 3**  
**ESTIMASI PARAMETER HILL SHAPE - WTI**

k	Data Ekstrem WTI	Ln (X)	$\sum_{j=1}^{k-1} \ln X_{j:m}$	$\frac{1}{k}$	$\frac{1}{k} \sum_{j=1}^{k-1} \ln X_{j:m}$	$\hat{a}$
(1)	(2)	(3)	(4)	(5)	(6)=(4)*(5)	(7)=(6)-(3)
1	18.56	2.921009				
2	10.58	2.358965	5.27997415	0.5000	2.6399871	0.2810217
3	6.55	1.879465	7.1594392	0.3333	2.3864797	0.5070147
4	6.48	1.868721	9.02815971	0.2500	2.2570399	0.3883194
5	5.9	1.774952	10.8031121	0.2000	2.1606224	0.3856701
6	5.75	1.7492	12.5523119	0.1667	2.0920520	0.3428521
7	5.65	1.731656	14.2839675	0.1429	2.0405668	0.3089112
8	5.63	1.728109	16.0120769	0.1250	2.0015096	0.2734002
9	5.59	1.720979	17.7330562	0.1111	1.9703396	0.2493603
10	5.05	1.619388	19.3524444	0.1000	1.9352444	0.3158562
11	4.99	1.607436	20.9598803	0.0909	1.9054437	0.2980078
12	4.93	1.595339	22.5552193	0.0833	1.8796016	0.2842626
13	4.73	1.553925	24.1091445	0.0769	1.8545496	0.3006244
14	4.7	1.547563	25.656707	0.0714	1.8326219	0.2850594
15	4.67	1.541159	27.1978661	0.0667	1.8131911	0.2720320
16	4.65	1.536867	28.7347333	0.0625	1.7959208	0.2590536
17	4.64	1.534714	30.2694477	0.0588	1.7805557	0.2458414
18	4.53	1.510722	31.7801696	0.0556	1.7655650	0.2548430
19	4.45	1.492904	33.2730737	0.0526	1.7512144	0.2583103
20	4.42	1.48614	34.7592134	0.0500	1.7379607	0.2518210
21	4.41	1.483875	36.2430881	0.0476	1.7258613	0.2419866
22	4.41	1.483875	37.7269628	0.0455	1.7148619	0.2309873
23	4.36	1.472472	39.1994349	0.0435	1.7043233	0.2318512
24	4.3	1.458615	40.6580499	0.0417	1.6940854	0.2354704
25	4.29	1.456287	42.1143366	0.0400	1.6845735	0.2282867
26	4.28	1.453953	43.5682896	0.0385	1.6757034	0.2217504
27	4.18	1.430311	44.9986009	0.0370	1.6666148	0.2363036
28	4.06	1.401183	46.3997839	0.0357	1.6571351	0.2559522
29	4.05	1.398717	47.7985007	0.0345	1.6482242	0.2495073
30	3.99	1.383791	49.182292	0.0333	1.6394097	0.2556185
31	3.91	1.363537	50.5458293	0.0323	1.6305106	0.2669732
32	3.91	1.363537	51.9093667	0.0313	1.6221677	0.2586303
33	3.83	1.342865	53.2522315	0.0303	1.6137040	0.2708392
34	3.83	1.342865	54.5950963	0.0294	1.6057381	0.2628733
35	3.79	1.332366	55.9274623	0.0286	1.5979275	0.2655615
36	3.76	1.324419	57.2518813	0.0278	1.5903300	0.2659111
37	3.73	1.316408	58.5682895	0.0270	1.5829267	0.2665185
38	3.71	1.311032	59.8793214	0.0263	1.5757716	0.2647397
39	3.7	1.308333	61.1876542	0.0256	1.5689142	0.2605814
40	3.69	1.305626	62.4932807	0.0250	1.5623320	0.2567056
41	3.6	1.280934	63.7742145	0.0244	1.5554686	0.2745348
42	3.58	1.275363	65.0495773	0.0238	1.5487995	0.2734367
43	3.49	1.249902	66.2994791	0.0233	1.5418484	0.2919466

k	Data Ekstrem WTI	Ln (X)	$\sum_{j=1}^{k-1} \ln X_{j:m}$	$\frac{1}{k}$	$\frac{1}{k} \sum_{j=1}^{k-1} \ln X_{j:m}$	$\frac{e}{k}$
(1)	(2)	(3)	(4)	(5)	(6)=(4)*(5)	(7)=(6)-(3)
44	3.43	1.23256	67.5320393	0.0227	1.5348191	0.3022588
45	3.41	1.226712	68.7587516	0.0222	1.5279723	0.3012600
46	3.34	1.205971	69.9647224	0.0217	1.5209722	0.3150014
47	3.23	1.172482	71.1372046	0.0213	1.5135575	0.3410754
48	3.19	1.160021	72.2972255	0.0208	1.5061922	0.3461713
49	3.13	1.141033	73.4382585	0.0204	1.4987400	0.3577070
50	3.02	1.105257	74.5435153	0.0200	1.4908703	0.3856135
51	3.02	1.105257	75.6487722	0.0196	1.4833093	0.3780524
52	3.01	1.10194	76.7507122	0.0192	1.4759752	0.3740352
53	2.9	1.064711	77.815423	0.0189	1.4682155	0.4035048
54	2.86	1.050822	78.8662446	0.0185	1.4604860	0.4096644
55	2.84	1.043804	79.9100486	0.0182	1.4529100	0.4091059
56	2.82	1.036737	80.9467855	0.0179	1.4454783	0.4087414
57	2.8	1.029619	81.9764049	0.0175	1.4381825	0.4085631
58	2.79	1.026042	83.0024465	0.0172	1.4310767	0.4050351
59	2.78	1.022451	84.0248975	0.0169	1.4241508	0.4016999
60	2.78	1.022451	85.0473484	0.0167	1.4174558	0.3950049
61	2.68	0.985817	86.0331652	0.0164	1.4103798	0.4245630
62	2.68	0.985817	87.018982	0.0161	1.4035320	0.4177152
63	2.66	0.978326	87.9973081	0.0159	1.3967827	0.4184565
64	2.62	0.963174	88.9604824	0.0156	1.3900075	0.4268332
65	2.6	0.955511	89.9159939	0.0154	1.3833230	0.4278115
66	2.59	0.951658	90.8676517	0.0152	1.3767826	0.4251247
67	2.55	0.936093	91.8037451	0.0149	1.3702052	0.4341118
68	2.55	0.936093	92.7398385	0.0147	1.3638212	0.4277278
69	2.55	0.936093	93.6759318	0.0145	1.3576222	0.4215288
70	2.54	0.932164	94.6080959	0.0143	1.3515442	0.4193801
71	2.5	0.916291	95.5243866	0.0141	1.3454139	0.4291232
72	2.5	0.916291	96.4406774	0.0139	1.3394539	0.4231631
73	2.5	0.916291	97.3569681	0.0137	1.3336571	0.4173664
74	2.49	0.912283	98.2692508	0.0135	1.3279628	0.4156801
75	2.48	0.908259	99.1775094	0.0133	1.3223668	0.4141082
76	2.46	0.900161	100.077671	0.0132	1.3168115	0.4166501
77	2.45	0.896088	100.973759	0.0130	1.3113475	0.4152595
78	2.44	0.891998	101.865757	0.0128	1.3059712	0.4139732
79	2.43	0.887891	102.753648	0.0127	1.3006791	0.4127878
80	2.4	0.875469	103.629117	0.0125	1.2953640	0.4198952
81	2.36	0.858662	104.487778	0.0123	1.2899726	0.4313110
82	2.36	0.858662	105.34644	0.0122	1.2847127	0.4260511
			Rata-rata			<b>0.3364240</b>

LAMPIRAN 4  
ESTIMASI PARAMETER HILL SHAPE - BRENT

k	Data Ekstrem WTI	Ln (X)	$\sum_{j=1}^{k-1} \ln X_{j:n}$	$\frac{1}{k}$	$\frac{1}{k} \sum_{j=1}^{k-1} \ln X_{j:n}$	$\frac{s}{k}$
(1)	(2)	(3)	(4)	(5)	(6)=(4)*(5)	(7)=(6)-(3)
1	10.45	2.346602				
2	8.52	2.142416	4.48901832	0.5000	2.2445092	0.1020928
3	7.87	2.063058	6.55207638	0.3333	2.1840255	0.1209674
4	7.12	1.962908	8.51498411	0.2500	2.1287460	0.1658383
5	6.97	1.941615	10.4565993	0.2000	2.0913199	0.1497046
6	5.23	1.654411	12.1110106	0.1667	2.0185018	0.3640905
7	5.16	1.640937	13.7519472	0.1429	1.9645639	0.3236273
8	5.13	1.635106	15.3870528	0.1250	1.9233816	0.2882759
9	4.87	1.583094	16.9701468	0.1111	1.8855719	0.3024779
10	4.8	1.568616	18.5387627	0.1000	1.8538763	0.2852604
11	4.62	1.530395	20.0691574	0.0909	1.8244689	0.2940742
12	4.6	1.526056	21.5952137	0.0833	1.7996011	0.2735448
13	4.5	1.504077	23.0992911	0.0769	1.7768685	0.2727912
14	4.2	1.435085	24.5343756	0.0714	1.7524554	0.3173709
15	4.2	1.435085	25.9694602	0.0667	1.7312973	0.2962128
16	4.07	1.403643	27.3731032	0.0625	1.7108189	0.3071759
17	3.92	1.366092	28.7391948	0.0588	1.6905409	0.3244492
18	3.77	1.327075	30.0662698	0.0556	1.6703483	0.3432733
19	3.76	1.324419	31.3906888	0.0526	1.6521415	0.3277226
20	3.69	1.305626	32.6963152	0.0500	1.6348158	0.3291893
21	3.56	1.269761	33.9660758	0.0476	1.6174322	0.3476716
22	3.46	1.241269	35.2073444	0.0455	1.6003338	0.3590652
23	3.37	1.214913	36.4222571	0.0435	1.5835764	0.3686637
24	3.35	1.20896	37.6312175	0.0417	1.5679674	0.3590070
25	3.33	1.202972	38.8341898	0.0400	1.5533676	0.3503953
26	3.27	1.18479	40.0189797	0.0385	1.5391915	0.3544015
27	3.17	1.153732	41.1727113	0.0370	1.5249152	0.3711836
28	3.16	1.150572	42.3232834	0.0357	1.5115458	0.3609738
29	3.08	1.12493	43.448213	0.0345	1.4982142	0.3732846
30	3.05	1.115142	44.5633545	0.0333	1.4854452	0.3703036
31	2.99	1.095273	45.6586279	0.0323	1.4728590	0.3775856
32	2.98	1.091923	46.7505512	0.0313	1.4609547	0.3690314
33	2.98	1.091923	47.8424745	0.0303	1.4497720	0.3578487
34	2.95	1.081805	48.9242797	0.0294	1.4389494	0.3571442
35	2.92	1.071584	49.9958633	0.0286	1.4284532	0.3568696
36	2.9	1.064711	51.0605741	0.0278	1.4183493	0.3536385
37	2.9	1.064711	52.1252848	0.0270	1.4087915	0.3440807
38	2.85	1.047319	53.1726038	0.0263	1.3992790	0.3519601
39	2.83	1.040277	54.2128805	0.0256	1.3900739	0.3497971
40	2.81	1.033184	55.246065	0.0250	1.3811516	0.3479671
41	2.78	1.022451	56.2685159	0.0244	1.3724028	0.3499519
42	2.78	1.022451	57.2909668	0.0238	1.3640706	0.3416197
43	2.75	1.011601	58.3025678	0.0233	1.3558737	0.3442728
44	2.74	1.007958	59.3105257	0.0227	1.3479665	0.3400086
45	2.72	1.000632	60.3111576	0.0222	1.3402479	0.3396161
46	2.71	0.996949	61.3081062	0.0217	1.3327849	0.3358363
47	2.67	0.982078	62.2901847	0.0213	1.3253231	0.3432446
48	2.64	0.970779	63.2609636	0.0208	1.3179367	0.3471578
49	2.62	0.963174	64.2241379	0.0204	1.3106967	0.3475224



k	Data Ekstrem WTI	Ln (X)	$\sum_{j=1}^{k-1} \ln X_{j:n}$	$\frac{1}{k}$	$\frac{1}{k} \sum_{j=1}^{k-1} \ln X_{j:n}$	$\frac{s}{k}$
(1)	(2)	(3)	(4)	(5)	(6)=(4)*(5)	(7)=(6)-(3)
50	2.59	0.951658	65.1757958	0.0200	1.3035159	0.3518580
51	2.57	0.943906	66.1197017	0.0196	1.2964647	0.3525588
52	2.57	0.943906	67.0636076	0.0192	1.2896848	0.3457789
53	2.57	0.943906	68.0075135	0.0189	1.2831606	0.3392547
54	2.56	0.940007	68.9475207	0.0185	1.2768059	0.3367987
55	2.54	0.932164	69.8796848	0.0182	1.2705397	0.3383756
56	2.54	0.932164	70.8118489	0.0179	1.2644973	0.3323332
57	2.53	0.928219	71.7400682	0.0175	1.2585977	0.3303784
58	2.52	0.924259	72.6643271	0.0172	1.2528332	0.3285743
59	2.52	0.924259	73.588586	0.0169	1.2472642	0.3230053
60	2.52	0.924259	74.5128449	0.0167	1.2418807	0.3176218
61	2.48	0.908259	75.4211035	0.0164	1.2364115	0.3281530
62	2.47	0.904218	76.3253216	0.0161	1.2310536	0.3268354
63	2.46	0.900161	77.225483	0.0159	1.2258013	0.3256400
64	2.46	0.900161	78.1256443	0.0156	1.2207132	0.3205518
65	2.46	0.900161	79.0258057	0.0154	1.2157816	0.3156203
66	2.45	0.896088	79.9218937	0.0152	1.2109378	0.3148498
67	2.45	0.896088	80.8179817	0.0149	1.2062385	0.3101505
68	2.44	0.891998	81.7099797	0.0147	1.2016173	0.3096193
69	2.41	0.879627	82.5896065	0.0145	1.1969508	0.3173241
70	2.4	0.875469	83.4650752	0.0143	1.1923582	0.3168895
71	2.37	0.86289	84.3279652	0.0141	1.1877178	0.3248279
72	2.36	0.858662	85.1866268	0.0139	1.1831476	0.3244860
73	2.35	0.854415	86.0410421	0.0137	1.1786444	0.3242291
74	2.35	0.854415	86.8954575	0.0135	1.1742629	0.3198476
75	2.34	0.850151	87.7456084	0.0133	1.1699414	0.3197905
76	2.27	0.81978	88.5653882	0.0132	1.1653341	0.3455542
77	2.25	0.81093	89.3763184	0.0130	1.1607314	0.3498012
78	2.25	0.81093	90.1872487	0.0128	1.1562468	0.3453166
79	2.25	0.81093	90.9981789	0.0127	1.1518757	0.3409455
80	2.23	0.802002	91.8001805	0.0125	1.1475023	0.3455007
81	2.23	0.802002	92.602182	0.0123	1.1432368	0.3412352
82	2.21	0.792993	93.3951746	0.0122	1.1389655	0.3459730
<b>Rata-rata</b>						<b>0.3255299</b>

LAMPIRAN 5  
ESTIMASI PARAMETER HILL SHAPE - OPEC

k	Data Ekstrem WTI	Ln (X)	$\sum_{j=1}^{k-1} \ln X_{j:m}$	$\frac{1}{k}$	$\frac{1}{k} \sum_{j=1}^{k-1} \ln X_{j:m}$	$\frac{a}{k}$
(1)	(2)	(3)	(4)	(5)	(6)=(4)*(5)	(7)=(6)-(3)
1	7.34	1.993339				
2	6.17	1.819699	3.81303768	0.5000	1.9065188	0.0868200
3	6.12	1.811562	5.62459978	0.3333	1.8748666	0.0633045
4	4.86	1.581038	7.20563821	0.2500	1.8014096	0.2203711
5	4.77	1.562346	8.76798452	0.2000	1.7535969	0.1912506
6	4.62	1.530395	10.2983792	0.1667	1.7163965	0.1860018
7	4.54	1.512927	11.8113062	0.1429	1.6873295	0.1744025
8	4.3	1.458615	13.2699213	0.1250	1.6587402	0.2001251
9	3.54	1.264127	14.534048	0.1111	1.6148942	0.3507675
10	3.43	1.23256	15.7666082	0.1000	1.5766608	0.3441006
11	3.14	1.144223	16.910831	0.0909	1.5373483	0.3931255
12	3.14	1.144223	18.0550538	0.0833	1.5045878	0.3603650
13	3	1.098612	19.1536661	0.0769	1.4733589	0.3747466
14	2.91	1.068153	20.2218192	0.0714	1.4444157	0.3762626
15	2.71	0.996949	21.2187679	0.0667	1.4145845	0.4176359
16	2.53	0.928219	22.1469872	0.0625	1.3841867	0.4559674
17	2.5	0.916291	23.0632779	0.0588	1.3566634	0.4403727
18	2.48	0.908259	23.9715364	0.0556	1.3317520	0.4234935
19	2.45	0.896088	24.8676245	0.0526	1.3088223	0.4127343
20	2.45	0.896088	25.7637125	0.0500	1.2881856	0.3920976
21	2.34	0.850151	26.6138634	0.0476	1.2673268	0.4171759
22	2.23	0.802002	27.415865	0.0455	1.2461757	0.4441741
23	2.2	0.788457	28.2043224	0.0435	1.2262749	0.4378175
24	2.18	0.779325	28.9836472	0.0417	1.2076520	0.4283271
25	2.18	0.779325	29.7629721	0.0400	1.1905189	0.4111940
26	2.17	0.774727	30.5376993	0.0385	1.1745269	0.3997997
27	2.15	0.765468	31.3031671	0.0370	1.1593766	0.3939087
28	2.15	0.765468	32.068635	0.0357	1.1453084	0.3798405
29	2.14	0.760806	32.8294408	0.0345	1.1320497	0.3712439
30	2.13	0.756122	33.5855628	0.0333	1.1195188	0.3633968
31	2.13	0.756122	34.3416848	0.0323	1.1077963	0.3516743
32	2.11	0.746688	35.0883727	0.0313	1.0965116	0.3498237
33	2.1	0.741937	35.8303101	0.0303	1.0857670	0.3438296
34	2.04	0.71295	36.5432599	0.0294	1.0748018	0.3618520
35	2	0.693147	37.236407	0.0286	1.0638973	0.3707502
36	1.94	0.662688	37.899095	0.0278	1.0527526	0.3900647
37	1.94	0.662688	38.561783	0.0270	1.0422104	0.3795224
38	1.93	0.65752	39.219303	0.0263	1.0320869	0.3745669
39	1.92	0.652325	39.8716282	0.0256	1.0223494	0.3700243
40	1.91	0.647103	40.5187314	0.0250	1.0129683	0.3658650
41	1.85	0.615186	41.1339171	0.0244	1.0032663	0.3880806
42	1.85	0.615186	41.7491027	0.0238	0.9940263	0.3788406
43	1.84	0.609766	42.3588683	0.0233	0.9850900	0.3753244
44	1.8	0.587787	42.9466549	0.0227	0.9760603	0.3882737

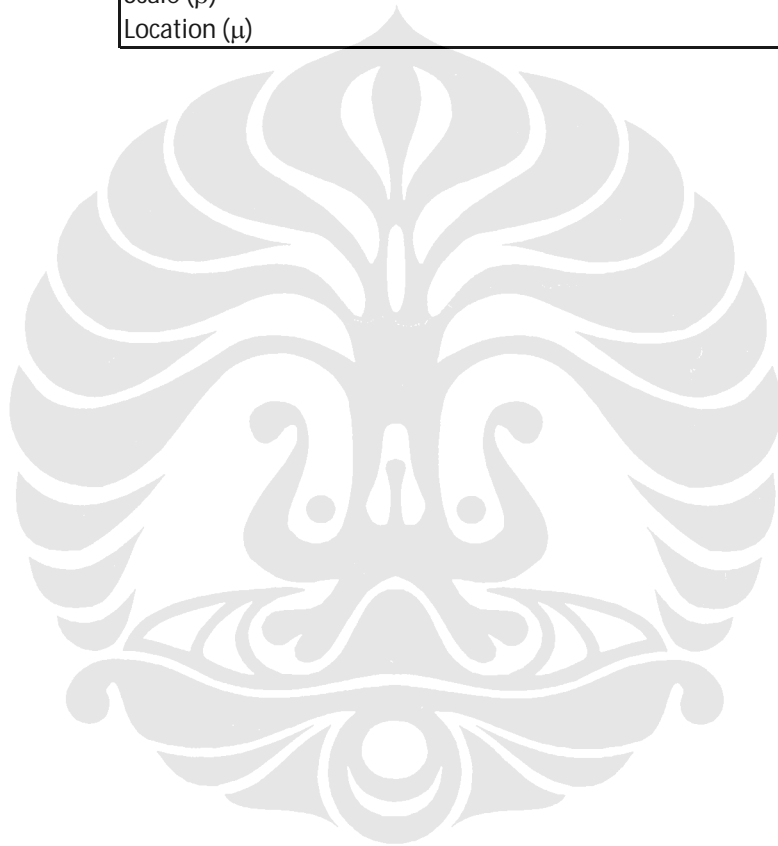
k	Data Ekstrem WTI	Ln (X)	$\sum_{j=1}^{k-1} \ln X_{j,m}$	$\frac{1}{k}$	$\frac{1}{k} \sum_{j=1}^{k-1} \ln X_{j,m}$	$d$
(1)	(2)	(3)	(4)	(5)	(6)=(4)*(5)	(7)=(6)-(3)
45	1.79	0.582216	43.5288706	0.0222	0.9673082	0.3850926
46	1.78	0.576613	44.1054839	0.0217	0.9588149	0.3822015
47	1.78	0.576613	44.6820973	0.0213	0.9506829	0.3740696
48	1.75	0.559616	45.2417131	0.0208	0.9425357	0.3829199
49	1.75	0.559616	45.8013289	0.0204	0.9347210	0.3751052
50	1.71	0.536493	46.3378222	0.0200	0.9267564	0.3902631
51	1.71	0.536493	46.8743156	0.0196	0.9191042	0.3826109
52	1.7	0.530628	47.4049439	0.0192	0.9116335	0.3810053
53	1.68	0.518794	47.9237376	0.0189	0.9042215	0.3854277
54	1.67	0.512824	48.4365613	0.0185	0.8969734	0.3841497
55	1.66	0.506818	48.9433789	0.0182	0.8898796	0.3830620
56	1.65	0.500775	49.4441542	0.0179	0.8829313	0.3821560
57	1.65	0.500775	49.9449295	0.0175	0.8762268	0.3754515
58	1.65	0.500775	50.4457047	0.0172	0.8697535	0.3689782
59	1.61	0.476234	50.9219389	0.0169	0.8630837	0.3868495
60	1.6	0.470004	51.3919425	0.0167	0.8565324	0.3865287
61	1.6	0.470004	51.8619462	0.0164	0.8501958	0.3801922
62	1.58	0.457425	52.319371	0.0161	0.8438608	0.3864360
63	1.57	0.451076	52.7704466	0.0159	0.8376261	0.3865505
64	1.55	0.438255	53.2087016	0.0156	0.8313860	0.3931310
65	1.55	0.438255	53.6469565	0.0154	0.8253378	0.3870829
66	1.53	0.425268	54.0722242	0.0152	0.8192761	0.3940084
67	1.51	0.41211	54.4843339	0.0149	0.8131990	0.4010894
68	1.51	0.41211	54.8964435	0.0147	0.8073006	0.3951910
69	1.49	0.398776	55.2952197	0.0145	0.8013800	0.4026039
70	1.48	0.392042	55.6872618	0.0143	0.7955323	0.4034902
71	1.48	0.392042	56.0793038	0.0141	0.7898493	0.3978073
72	1.47	0.385262	56.4645662	0.0139	0.7842301	0.3989677
73	1.47	0.385262	56.8498286	0.0137	0.7787648	0.3935024
74	1.47	0.385262	57.235091	0.0135	0.7734472	0.3881848
75	1.44	0.364643	57.5997342	0.0133	0.7679965	0.4033533
76	1.43	0.357674	57.9574086	0.0132	0.7625975	0.4049230
77	1.42	0.350657	58.3080655	0.0130	0.7572476	0.4065907
78	1.42	0.350657	58.6587223	0.0128	0.7520349	0.4013780
79	1.41	0.34359	59.002312	0.0127	0.7468647	0.4032750
80	1.41	0.34359	59.3459018	0.0125	0.7418238	0.3982341
81	1.41	0.34359	59.6894915	0.0123	0.7369073	0.3933176
82	1.4	0.336472	60.0259637	0.0122	0.7320239	0.3955517
83	1.4	0.336472	60.3624359	0.0120	0.7272583	0.3907860
84	1.39	0.329304	60.6917397	0.0119	0.7225207	0.3932170
85	1.39	0.329304	61.0210434	0.0118	0.7178946	0.3885909
86	1.38	0.322083	61.3431269	0.0116	0.7132922	0.3912087
87	1.37	0.314811	61.6579377	0.0115	0.7087119	0.3939012
	<b>Rata-rata</b>					<b>0.3706715</b>

**LAMPIRAN 6**  
**ESTIMASI PARAMETER SCALE DAN LOCATION - WTI**

k	Data Ekstrem WTI	Plot Position (n-k+0,5)/n	w1	(Plot Position) <sup>2</sup>	w1
(1)	(2)	(3)	(4)=(2)*(3)	(5)	(6)=(2)*(5)
1	18.56	0.9939	18.446829	0.9878	18.3343486
2	10.58	0.9817	10.386463	0.9637	10.1964671
3	6.55	0.9695	6.3503049	0.9400	6.1566980
4	6.48	0.9573	6.2034146	0.9165	5.9386347
5	5.9	0.9451	5.5762195	0.8933	5.2702075
6	5.75	0.9329	5.3643293	0.8704	5.0045267
7	5.65	0.9207	5.2021341	0.8477	4.7897699
8	5.63	0.9085	5.1150610	0.8254	4.6472200
9	5.59	0.8963	5.0105488	0.8034	4.4911626
10	5.05	0.8841	4.4649390	0.7817	3.9476595
11	4.99	0.8720	4.3510366	0.7603	3.7938917
12	4.93	0.8598	4.2385976	0.7392	3.6441601
13	4.73	0.8476	4.0089634	0.7184	3.3978409
14	4.7	0.8354	3.9262195	0.6978	3.2798297
15	4.67	0.8232	3.8442073	0.6776	3.1644390
16	4.65	0.8110	3.7710366	0.6577	3.0582187
17	4.64	0.7988	3.7063415	0.6381	2.9605532
18	4.53	0.7866	3.5632317	0.6187	2.8027859
19	4.45	0.7744	3.4460366	0.5997	2.6685771
20	4.42	0.7622	3.3689024	0.5809	2.5677610
21	4.41	0.7500	3.3075000	0.5625	2.4806250
22	4.41	0.7378	3.2537195	0.5444	2.4006101
23	4.36	0.7256	3.1636585	0.5265	2.2955815
24	4.3	0.7134	3.0676829	0.5090	2.1885299
25	4.29	0.7012	3.0082317	0.4917	2.1094308
26	4.28	0.6890	2.9490244	0.4748	2.0319497
27	4.18	0.6768	2.8291463	0.4581	1.9148490
28	4.06	0.6646	2.6984146	0.4417	1.7934585
29	4.05	0.6524	2.6423780	0.4257	1.7239906
30	3.99	0.6402	2.5545732	0.4099	1.6355499
31	3.91	0.6280	2.4556707	0.3944	1.5422810
32	3.91	0.6159	2.4079878	0.3793	1.4829681
33	3.83	0.6037	2.3120122	0.3644	1.3956659
34	3.83	0.5915	2.2653049	0.3498	1.3398450
35	3.79	0.5793	2.1954268	0.3356	1.2717412
36	3.76	0.5671	2.1321951	0.3216	1.2091106
37	3.73	0.5549	2.0696951	0.3079	1.1484284
38	3.71	0.5427	2.0133537	0.2945	1.0926127
39	3.7	0.5305	1.9628049	0.2814	1.0412441

k	Data Ekstrem WTI	Plot Position (n-k+0,5)/n	w1	(Plot Position) <sup>2</sup>	w1
(1)	(2)	(3)	(4)=(2)*(3)	(5)	(6)=(2)*(5)
40	3.69	0.5183	1.9125000	0.2686	0.9912348
41	3.6	0.5061	1.8219512	0.2561	0.9220851
42	3.58	0.4939	1.7681707	0.2439	0.8733038
43	3.49	0.4817	1.6811585	0.2320	0.8098264
44	3.43	0.4695	1.6104268	0.2204	0.7561150
45	3.41	0.4573	1.5594512	0.2091	0.7131637
46	3.34	0.4451	1.4867073	0.1981	0.6617661
47	3.23	0.4329	1.3983537	0.1874	0.6053848
48	3.19	0.4207	1.3421341	0.1770	0.5646784
49	3.13	0.4085	1.2787195	0.1669	0.5224037
50	3.02	0.3963	1.1969512	0.1571	0.4744014
51	3.02	0.3841	1.1601220	0.1476	0.4456566
52	3.01	0.3720	1.1195732	0.1383	0.4164266
53	2.9	0.3598	1.0432927	0.1294	0.3753309
54	2.86	0.3476	0.9940244	0.1208	0.3454841
55	2.84	0.3354	0.9524390	0.1125	0.3194155
56	2.82	0.3232	0.9113415	0.1044	0.2945189
57	2.8	0.3110	0.8707317	0.0967	0.2707763
58	2.79	0.2988	0.8335976	0.0893	0.2490627
59	2.78	0.2866	0.7967073	0.0821	0.2283247
60	2.78	0.2744	0.7628049	0.0753	0.2093062
61	2.68	0.2622	0.7026829	0.0687	0.1842400
62	2.68	0.2500	0.6700000	0.0625	0.1675000
63	2.66	0.2378	0.6325610	0.0566	0.1504261
64	2.62	0.2256	0.5910976	0.0509	0.1333574
65	2.6	0.2134	0.5548780	0.0455	0.1184191
66	2.59	0.2012	0.5211585	0.0405	0.1048673
67	2.55	0.1890	0.4820122	0.0357	0.0911121
68	2.55	0.1768	0.4509146	0.0313	0.0797349
69	2.55	0.1646	0.4198171	0.0271	0.0691162
70	2.54	0.1524	0.3871951	0.0232	0.0590236
71	2.5	0.1402	0.3506098	0.0197	0.0491709
72	2.5	0.1280	0.3201220	0.0164	0.0409912
73	2.5	0.1159	0.2896341	0.0134	0.0335552
74	2.49	0.1037	0.2581098	0.0107	0.0267553
75	2.48	0.0915	0.2268293	0.0084	0.0207466
76	2.46	0.0793	0.1950000	0.0063	0.0154573
77	2.45	0.0671	0.1643293	0.0045	0.0110221
78	2.44	0.0549	0.1339024	0.0030	0.0073483
79	2.43	0.0427	0.1037195	0.0018	0.0044271
80	2.4	0.0305	0.0731707	0.0009	0.0022308
81	2.36	0.0183	0.0431707	0.0003	0.0007897

k	Data Ekstrem WTI	Plot Position (n-k+0,5)/n	w1	(Plot Position) <sup>2</sup>	w1
(1)	(2)	(3)	(4)=(2)*(3)	(5)	(6)=(2)*(5)
82	2.36	0.0061	0.0143902	0.0000	0.0000877
Rata-rata	3.903049		2.36243977		1.763808151
m <sub>1</sub>					0.8218308
m <sub>2</sub>					1.3883757
Shape (ξ)					0.3364240
Scale (β)					0.9072265
Location (μ)					2.5358709



LAMPIRAN 7  
ESTIMASI PARAMETER SCALE DAN LOCATION - BRENT

k	Data Ekstrem WTI	Plot Position (n-k+0,5)/n	w1	(Plot Position) <sup>2</sup>	w1
(1)	(2)	(3)	(4)=(2)*(3)	(5)	(6)=(2)*(5)
1	10.45	0.9939	10.386280	0.98784	10.3229495
2	8.52	0.9817	8.364146	0.96375	8.2111437
3	7.87	0.9695	7.6300610	0.93995	7.3974372
4	7.12	0.9573	6.8160976	0.91646	6.5251666
5	6.97	0.9451	6.5875000	0.89326	6.2259909
6	5.23	0.9329	4.8792073	0.87035	4.5519434
7	5.16	0.9207	4.7509756	0.84775	4.3743739
8	5.13	0.9085	4.6607927	0.82544	4.2345007
9	4.87	0.8963	4.3651829	0.80343	3.9126945
10	4.8	0.8841	4.2439024	0.78171	3.7522308
11	4.62	0.8720	4.0284146	0.76030	3.5125811
12	4.6	0.8598	3.9548780	0.73918	3.4002305
13	4.5	0.8476	3.8140244	0.71836	3.2326182
14	4.2	0.8354	3.5085366	0.69784	2.9309117
15	4.2	0.8232	3.4573171	0.67761	2.8459622
16	4.07	0.8110	3.3006707	0.65768	2.6767635
17	3.92	0.7988	3.1312195	0.63805	2.5011570
18	3.77	0.7866	2.9654268	0.61872	2.3325613
19	3.76	0.7744	2.9117073	0.59968	2.2547977
20	3.69	0.7622	2.8125000	0.58094	2.1436738
21	3.56	0.7500	2.6700000	0.56250	2.0025000
22	3.46	0.7378	2.5528049	0.54436	1.8834719
23	3.37	0.7256	2.4453049	0.52651	1.7743371
24	3.35	0.7134	2.3899390	0.50896	1.7050175
25	3.33	0.7012	2.3350610	0.49171	1.6373903
26	3.27	0.6890	2.2531098	0.47475	1.5524476
27	3.17	0.6768	2.1455488	0.45810	1.4521702
28	3.16	0.6646	2.1002439	0.44174	1.3958938
29	3.08	0.6524	2.0095122	0.42568	1.3110842
30	3.05	0.6402	1.9527439	0.40991	1.2502324
31	2.99	0.6280	1.8778659	0.39445	1.1793914
32	2.98	0.6159	1.8352439	0.37928	1.1302417
33	2.98	0.6037	1.7989024	0.36440	1.0859228
34	2.95	0.5915	1.7448171	0.34983	1.0319955
35	2.92	0.5793	1.6914634	0.33555	0.9798111
36	2.9	0.5671	1.6445122	0.32157	0.9325587
37	2.9	0.5549	1.6091463	0.30789	0.8928800
38	2.85	0.5427	1.5466463	0.29450	0.8393386
39	2.83	0.5305	1.5012805	0.28142	0.7964110
40	2.81	0.5183	1.4564024	0.26863	0.7548427
41	2.78	0.5061	1.4069512	0.25613	0.7120546
42	2.78	0.4939	1.3730488	0.24394	0.6781521
43	2.75	0.4817	1.3246951	0.23204	0.6381153
44	2.74	0.4695	1.2864634	0.22044	0.6040103

k	Data Ekstrem WTI	Plot Position (n-k+0,5)/n	w1	(Plot Position) <sup>2</sup>	w1
(1)	(2)	(3)	(4)=(2)*(3)	(5)	(6)=(2)*(5)
45	2.72	0.4573	1.2439024	0.20914	0.5688578
46	2.71	0.4451	1.2062805	0.19813	0.5369419
47	2.67	0.4329	1.1559146	0.18743	0.5004265
48	2.64	0.4207	1.1107317	0.17702	0.4673200
49	2.62	0.4085	1.0703659	0.16690	0.4372836
50	2.59	0.3963	1.0265244	0.15709	0.4068542
51	2.57	0.3841	0.9872561	0.14757	0.3792508
52	2.57	0.3720	0.9559146	0.13835	0.3555536
53	2.57	0.3598	0.9245732	0.12942	0.3326208
54	2.56	0.3476	0.8897561	0.12080	0.3092445
55	2.54	0.3354	0.8518293	0.11247	0.2856744
56	2.54	0.3232	0.8208537	0.10444	0.2652759
57	2.53	0.3110	0.7867683	0.09671	0.2446657
58	2.52	0.2988	0.7529268	0.08927	0.2249598
59	2.52	0.2866	0.7221951	0.08213	0.2069706
60	2.52	0.2744	0.6914634	0.07529	0.1897308
61	2.48	0.2622	0.6502439	0.06875	0.1704908
62	2.47	0.2500	0.6175000	0.06250	0.1543750
63	2.46	0.2378	0.5850000	0.05655	0.1391159
64	2.46	0.2256	0.5550000	0.05090	0.1252134
65	2.46	0.2134	0.5250000	0.04555	0.1120427
66	2.45	0.2012	0.4929878	0.04049	0.0991988
67	2.45	0.1890	0.4631098	0.03573	0.0875390
68	2.44	0.1768	0.4314634	0.03127	0.0762954
69	2.41	0.1646	0.3967683	0.02710	0.0653216
70	2.4	0.1524	0.3658537	0.02324	0.0557704
71	2.37	0.1402	0.3323780	0.01967	0.0466140
72	2.36	0.1280	0.3021951	0.01640	0.0386957
73	2.35	0.1159	0.2722561	0.01342	0.0315419
74	2.35	0.1037	0.2435976	0.01075	0.0252510
75	2.34	0.0915	0.2140244	0.00837	0.0195754
76	2.27	0.0793	0.1799390	0.00628	0.0142635
77	2.25	0.0671	0.1509146	0.00450	0.0101223
78	2.25	0.0549	0.1234756	0.00301	0.0067761
79	2.25	0.0427	0.0960366	0.00182	0.0040991
80	2.23	0.0305	0.0679878	0.00093	0.0020728
81	2.23	0.0183	0.0407927	0.00033	0.0007462
82	2.21	0.0061	0.0134756	0.00004	0.0000822
Rata-rata	3.338293		1.99802201		1.494595035
$m_1$					0.6577513
$m_2$					1.1454924
Shape ( $\xi$ )					0.3255299
Scale ( $\beta$ )					0.7428512
Location ( $\mu$ )					2.2369077



**LAMPIRAN 8**  
**ESTIMASI PARAMETER SCALE DAN LOCATION - OPEC BASKET**

k	Data Ekstrem WTI	Plot Position (n-k+0,5)/n	w1	(Plot Position) <sup>2</sup>	w1
(1)	(2)	(3)	(4)=(2)*(3)	(5)	(6)=(2)*(5)
1	7.34	0.9943	7.297816	0.98854	7.2558746
2	6.17	0.9828	6.063621	0.96581	5.9590755
3	6.12	0.9713	5.9441379	0.94335	5.7733294
4	4.86	0.9598	4.6644828	0.92116	4.4768312
5	4.77	0.9483	4.5232759	0.89923	4.2893133
6	4.62	0.9368	4.3279310	0.87756	4.0543262
7	4.54	0.9253	4.2008046	0.85616	3.8869514
8	4.3	0.9138	3.9293103	0.83502	3.5905767
9	3.54	0.9023	3.1941379	0.81414	2.8820670
10	3.43	0.8908	3.0554598	0.79353	2.7218176
11	3.14	0.8793	2.7610345	0.77319	2.4278062
12	3.14	0.8678	2.7249425	0.75310	2.3647490
13	3	0.8563	2.5689655	0.73329	2.1998613
14	2.91	0.8448	2.4584483	0.71373	2.0769649
15	2.71	0.8333	2.2583333	0.69444	1.8819444
16	2.53	0.8218	2.0792529	0.67542	1.7088113
17	2.5	0.8103	2.0258621	0.65666	1.6416468
18	2.48	0.7989	1.9811494	0.63816	1.5826424
19	2.45	0.7874	1.9290230	0.61993	1.5188284
20	2.45	0.7759	1.9008621	0.60196	1.4748068
21	2.34	0.7644	1.7886207	0.58426	1.3671641
22	2.23	0.7529	1.6789080	0.56682	1.2640055
23	2.2	0.7414	1.6310345	0.54964	1.2092152
24	2.18	0.7299	1.5911494	0.53273	1.1613562
25	2.18	0.7184	1.5660920	0.51609	1.1250661
26	2.17	0.7069	1.5339655	0.49970	1.0843549
27	2.15	0.6954	1.4951149	0.48358	1.0397064
28	2.15	0.6839	1.4704023	0.46773	1.0056200
29	2.14	0.6724	1.4389655	0.45214	0.9675803
30	2.13	0.6609	1.4077586	0.43681	0.9304152
31	2.13	0.6494	1.3832759	0.42175	0.8983343
32	2.11	0.6379	1.3460345	0.40696	0.8586772
33	2.1	0.6264	1.3155172	0.39242	0.8240884
34	2.04	0.6149	1.2544828	0.37815	0.7714348
35	2	0.6034	1.2068966	0.36415	0.7282996
36	1.94	0.5920	1.1483908	0.35041	0.6797946
37	1.94	0.5805	1.1260920	0.33693	0.6536511
38	1.93	0.5690	1.0981034	0.32372	0.6247830
39	1.92	0.5575	1.0703448	0.31077	0.5966865
40	1.91	0.5460	1.0428161	0.29809	0.5693536
41	1.85	0.5345	0.9887931	0.28567	0.5284929
42	1.85	0.5230	0.9675287	0.27352	0.5060064
43	1.84	0.5115	0.9411494	0.26163	0.4813925
44	1.8	0.5000	0.9000000	0.25000	0.4500000
45	1.79	0.4885	0.8744253	0.23864	0.4271618
46	1.78	0.4770	0.8490805	0.22754	0.4050211
47	1.78	0.4655	0.8286207	0.21671	0.3857372

k	Data Ekstrem WTI	Plot Position (n-k+0,5)/n	w1	(Plot Position) <sup>2</sup>	w1
(1)	(2)	(3)	(4)=(2)*(3)	(5)	(6)=(2)*(5)
48	1.75	0.4540	0.7945402	0.20614	0.3607395
49	1.75	0.4425	0.7744253	0.19583	0.3427054
50	1.71	0.4310	0.7370690	0.18579	0.3177021
51	1.71	0.4195	0.7174138	0.17601	0.3009839
52	1.7	0.4080	0.6936782	0.16650	0.2830526
53	1.68	0.3966	0.6662069	0.15725	0.2641855
54	1.67	0.3851	0.6430460	0.14827	0.2476097
55	1.66	0.3736	0.6201149	0.13955	0.2316521
56	1.65	0.3621	0.5974138	0.13109	0.2163050
57	1.65	0.3506	0.5784483	0.12290	0.2027893
58	1.65	0.3391	0.5594828	0.11498	0.1897097
59	1.61	0.3276	0.5274138	0.10731	0.1727735
60	1.6	0.3161	0.5057471	0.09991	0.1598626
61	1.6	0.3046	0.4873563	0.09278	0.1484476
62	1.58	0.2931	0.4631034	0.08591	0.1357372
63	1.57	0.2816	0.4421264	0.07930	0.1245069
64	1.55	0.2701	0.4186782	0.07296	0.1130912
65	1.55	0.2586	0.4008621	0.06688	0.1036712
66	1.53	0.2471	0.3781034	0.06107	0.0934394
67	1.51	0.2356	0.3558046	0.05552	0.0838390
68	1.51	0.2241	0.3384483	0.05024	0.0758591
69	1.49	0.2126	0.3168391	0.04522	0.0673738
70	1.48	0.2011	0.2977011	0.04046	0.0598824
71	1.48	0.1897	0.2806897	0.03597	0.0532342
72	1.47	0.1782	0.2618966	0.03174	0.0466597
73	1.47	0.1667	0.2450000	0.02778	0.0408333
74	1.47	0.1552	0.2281034	0.02408	0.0353954
75	1.44	0.1437	0.2068966	0.02064	0.0297265
76	1.43	0.1322	0.1890230	0.01747	0.0249858
77	1.42	0.1207	0.1713793	0.01457	0.0206837
78	1.42	0.1092	0.1550575	0.01192	0.0169316
79	1.41	0.0977	0.1377586	0.00955	0.0134592
80	1.41	0.0862	0.1215517	0.00743	0.0104786
81	1.41	0.0747	0.1053448	0.00558	0.0078706
82	1.4	0.0632	0.0885057	0.00400	0.0055952
83	1.4	0.0517	0.0724138	0.00268	0.0037455
84	1.39	0.0402	0.0559195	0.00162	0.0022496
85	1.39	0.0287	0.0399425	0.00083	0.0011478
86	1.38	0.0172	0.0237931	0.00030	0.0004102
87	1.37	0.0057	0.0078736	0.00003	0.0000453
Rata-rata	2.217241		1.36250099		1.033574646
m <sub>1</sub>					0.5077606
m <sub>2</sub>					0.8834826
Shape (ξ)					0.3706715
Scale (β)					0.5206490
Location (μ)					1.3899326