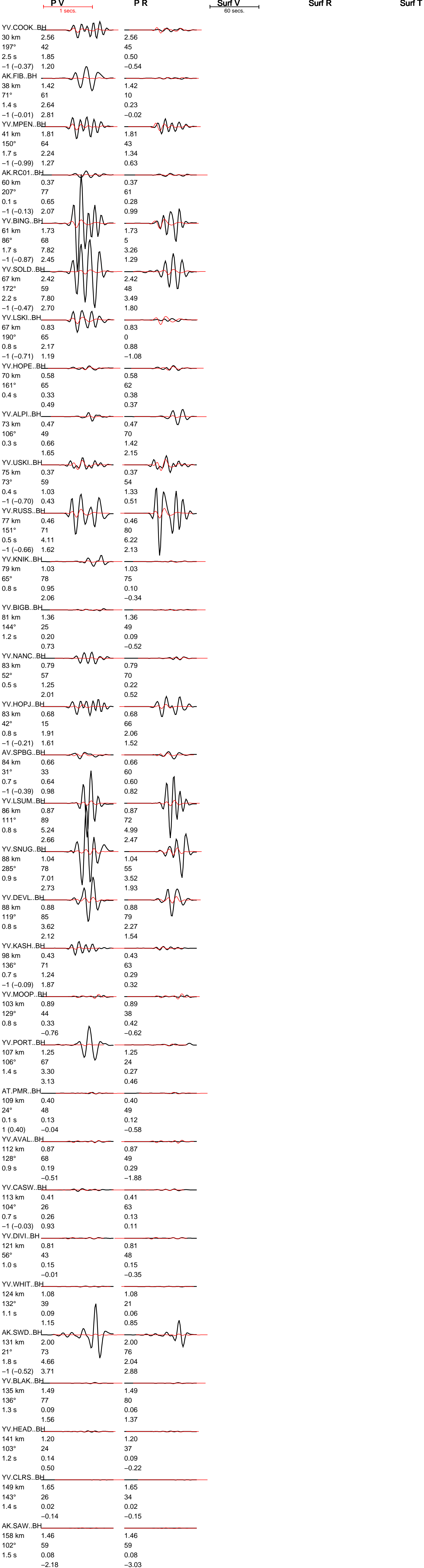
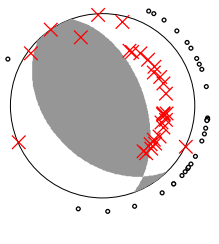


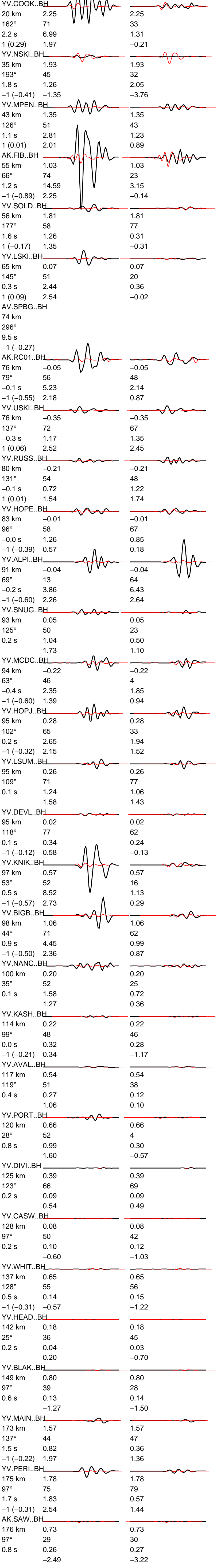
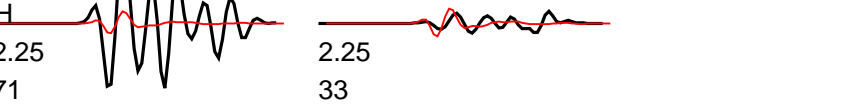
Event 20080408171630028 Model scak Depth 16  
 FM 229 48 71 Mw 2.60  $\gamma$  0  $\delta$  0 rms 3.847e-01 VR 85.2 pol\_wt 0.20  
 Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 32 Np 64 Ns 0



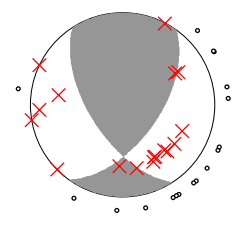


Event 20080415084217360 Model scak Depth 13  
 FM 135 40 70 Mw 2.80  $\gamma$  0  $\delta$  0 rms 3.574e-01 VR 87.2 pol\_wt 0.30  
 Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 30 Np 60 Ns 0

**P V** **P R** **Surf V** **Surf R** **Surf T**



Station	Depth (km)	Distance (°)	Time Delay (s)	Time Delay (s)	Time Delay (s)
YV.COOK..BH	20	162	2.2	1 (0.29)	-0.21
YV.NSKI..BH	35	193	1.8	-1 (-0.41)	-3.76
YV.MPEN..BH	43	126	1.1	1 (0.01)	0.89
AK.FIB..BH	55	66	1.2	-1 (-0.89)	-0.14
YV.SOLD..BH	56	177	1.6	1 (-0.17)	-0.31
YV.LSKI..BH	65	145	0.3	1 (0.09)	-0.02
AV.SPBG..BH	74	296	9.5	-1 (-0.27)	
AK.RC01..BH	76	79	-0.1	-1 (-0.55)	0.87
YV.USKI..BH	76	137	-0.3	1 (0.06)	2.45
YV.RUSS..BH	80	131	-0.1	1 (0.01)	1.74
YV.HOPE..BH	83	96	-0.0	-1 (-0.39)	0.18
YV.ALPI..BH	91	69	-0.2	-1 (-0.60)	2.64
YV.SNUG..BH	93	125	0.2		1.10
YV.MCDC..BH	94	63	-0.4	-1 (-0.60)	0.94
YV.HOPJ..BH	95	102	0.2	-1 (-0.32)	1.52
YV.LSUM..BH	95	109	0.1		1.43
YV.DEVL..BH	95	118	0.1	-1 (-0.12)	-0.13
YV.KNIK..BH	97	53	0.5	-1 (-0.57)	0.29
YV.BIGB..BH	98	44	0.9	-1 (-0.50)	0.87
YV.NANC..BH	100	35	0.1		0.36
YV.KASH..BH	114	99	0.0	-1 (-0.21)	-1.17
YV.AVAL..BH	117	119	0.4		0.10
YV.PORT..BH	120	28	0.8		-0.57
YV.DIVI..BH	125	123	0.2		0.49
YV.CASW..BH	128	97	0.2		-1.03
YV.WHIT..BH	137	128	0.5	-1 (-0.31)	-1.22
YV.HEAD..BH	142	25	0.2		-0.70
YV.BLAK..BH	149	97	0.6		-1.50
YV.MAIN..BH	173	137	1.5	-1 (-0.22)	1.36
YV.PERI..BH	175	97	1.7	-1 (-0.31)	1.44
AK.SAW..BH	176	97	0.8		-3.22

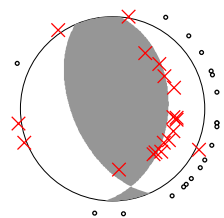


Event 20081006182438531 Model scak Depth 13  
 FM 147 60 38 Mw 2.60  $\gamma$  0  $\delta$  0 rms 5.049e-01 VR 74.5 pol\_wt 0.10  
 Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 16 Np 31 Ns 0

**P V** **P R** **Surf V** **Surf R** **Surf T**

1 secs. 60 secs.

Station	Depth (km)	Distance (°)	Time (s)	Correlation	Surf V	Surf R	Surf T
AK.FIB..BH	31	86°	1.7	1 (-0.94)			
YV.NSKI..BH	61	161°	2.0	1 (0.27)			
YV.ALPI..BH	66	96°	0.0	-1 (-0.96)			
YV.HOPE..BH	70	207°	0.1	-1 (-0.72)			
YV.BIGB..BH	70	80°	1.0	1 (-0.29)			
YV.LSKI..BH	76	115°	0.3	-1 (-0.01)			
YV.RUSS..BH	83	45°	-0.0	-1 (-0.15)			
YV.LSUM..BH	87	167°	0.6	-1 (-0.43)			
AV.SPBG..BH	87	193°	-1.1	-1 (-0.51)			
YV.DEVL..BH	92	151°	0.2	-1 (-0.33)			
YV.TUPA..BH	93	24°	0.8	-1 (-0.53)			
AT.PMR..BH	100	126°	-0.3	1 (0.02)			
YV.AVAL..BH	115	278°	0.3				
AK.SWD..BH	136	135°	0.6				
YV.HEAD..BH	147	113°	0.2				
AK.SAW..BH	148	59°	1.2				
AK.BRLK..BH	156	137°	0.6				



Event 20081122053047880 Model scak Depth 10

FM 156 54 72 Mw 2.90  $\gamma$  0  $\delta$  0 rms 3.135e-01 VR 90.2 pol\_wt 0.50

Filter periods (seconds): Body:0.11-0.33. Surf:12.50-20.00 duration: 0.05/0.03 s

# norm L1 # Pwin 1.3 Swin 100 # N 15 Np 29 Ns 0

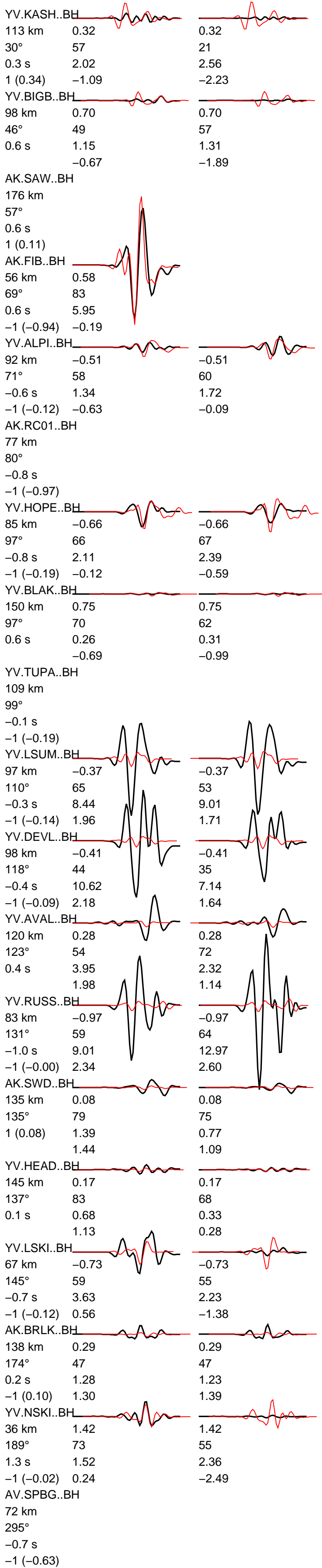
**PV**  
1 secs.

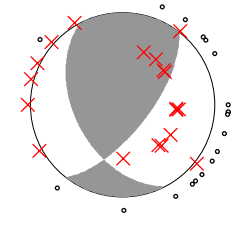
**PR**

**Surf V**  
60 secs.

**Surf R**

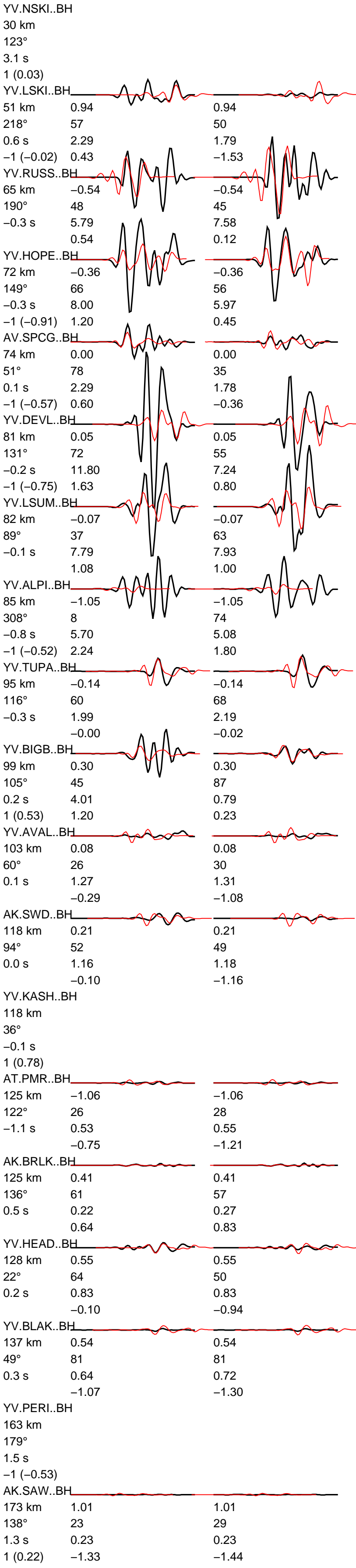
**Surf T**

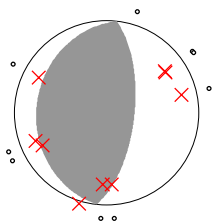




Event 20090502095052332 Model scak Depth 5  
 FM 152 46 33 Mw 2.60  $\gamma$  0  $\delta$  0 rms 2.595e-01 VR 93.3 pol\_wt 0.50  
 Filter periods (seconds): Body:0.12-0.33. Surf:12.50-20.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 16 Np 32 Ns 0

**P V** **P R** **Surf V** **Surf R** **Surf T**  
 1 secs. 60 secs.





Event 20090905015236732 Model scak Depth 15

FM 6 65 90 Mw 2.90  $\gamma$  0  $\delta$  0 rms 7.793e-01 VR 39.3 pol\_wt 0.10

Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s

# norm L1 # Pwin 1.5 Swin 100 # N 9 Np 18 Ns 0

**P V**

1 secs.

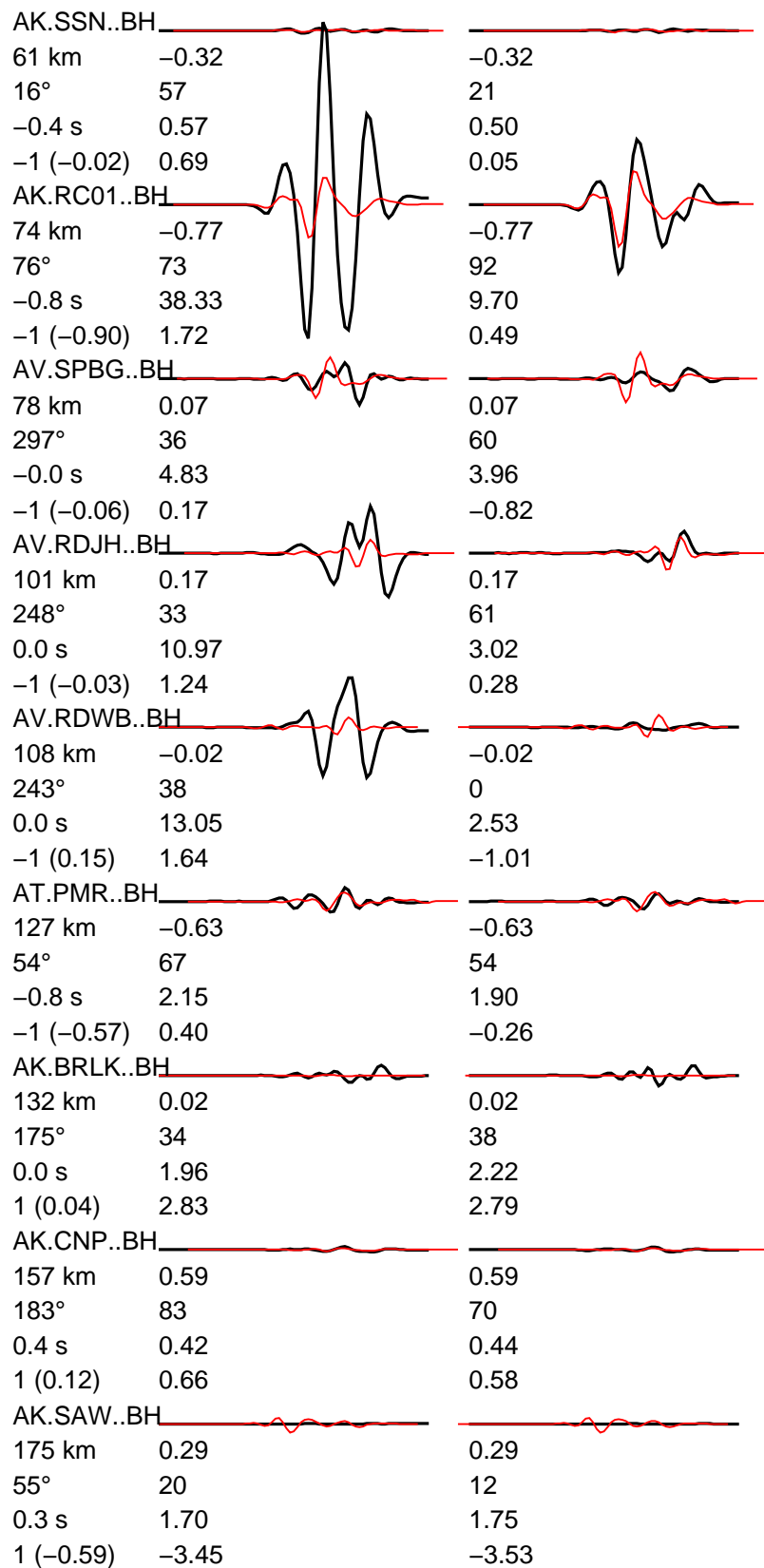
**P R**

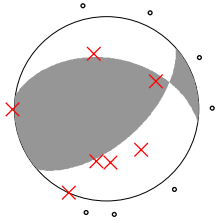
**Surf V**

60 secs.

**Surf R**

**Surf T**



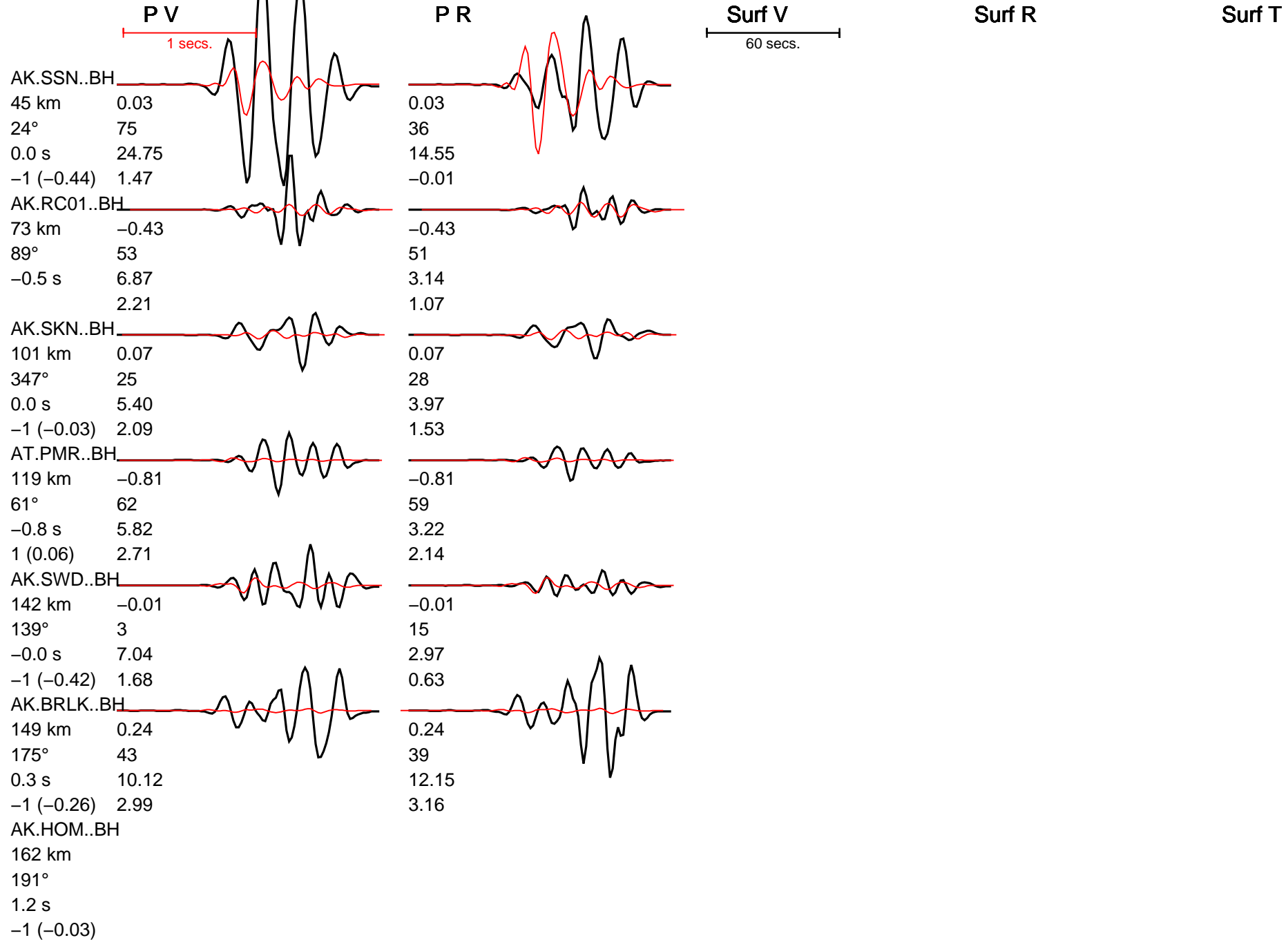


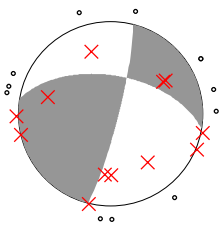
Event 20100618081034529 Model scak Depth 7

FM 49 58 58 Mw 2.60  $\gamma$  0  $\delta$  0 rms 4.993e-01 VR 75.1 pol\_wt 0.50

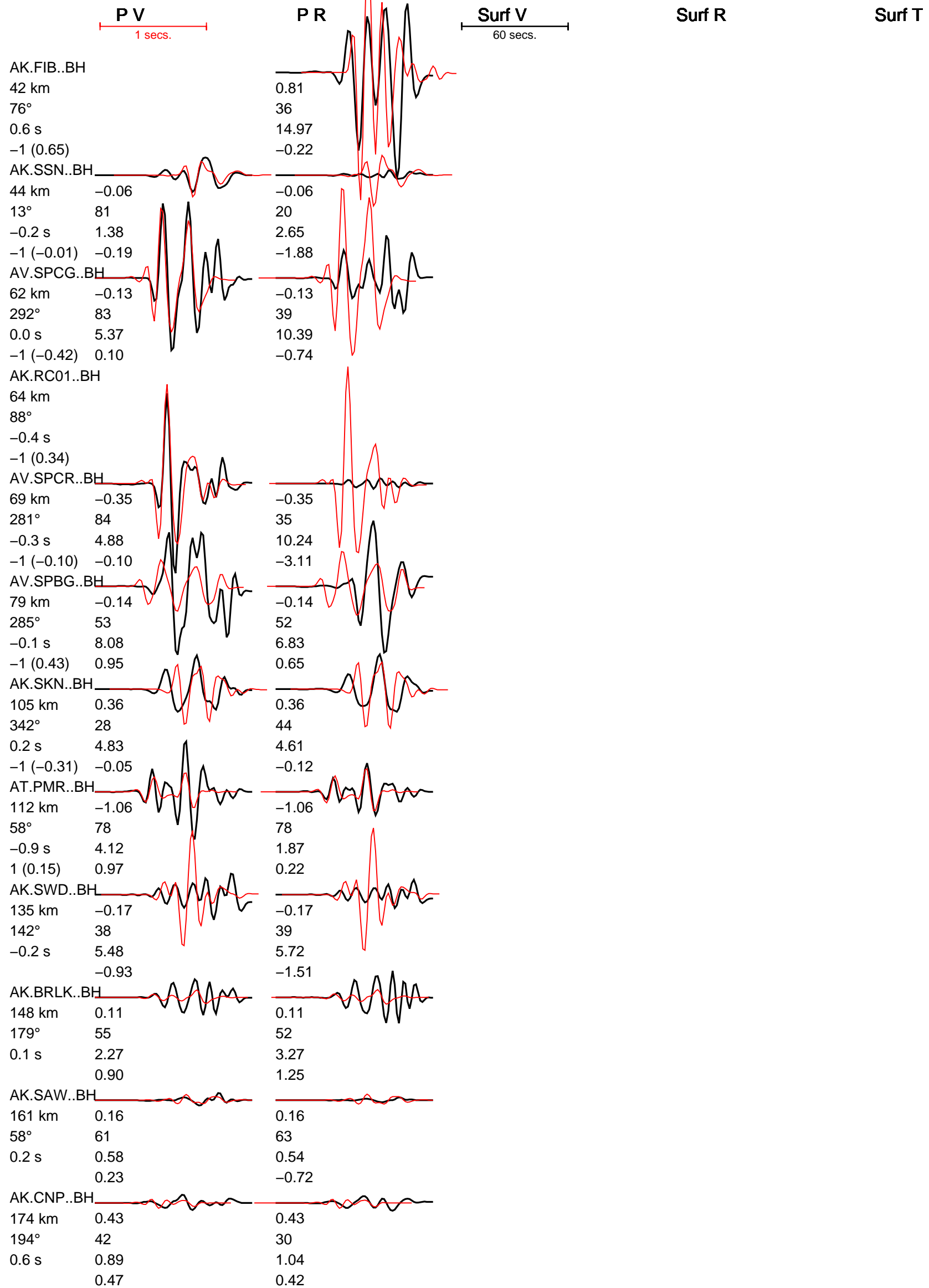
Filter periods (seconds): Body:0.10-0.33. Surf:12.50-20.00 duration: 0.10/0.05 s

# norm L1 # Pwin 2 Swin 100 # N 6 Np 12 Ns 0

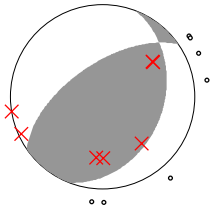




Event 20101013144537694 Model scak Depth 11  
 FM 14 83 35 Mw 2.80  $\gamma$  0  $\delta$  0 rms 7.253e-01 VR 47.4 pol\_wt 0.20  
 Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.05/0.03 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 11 Np 21 Ns 0





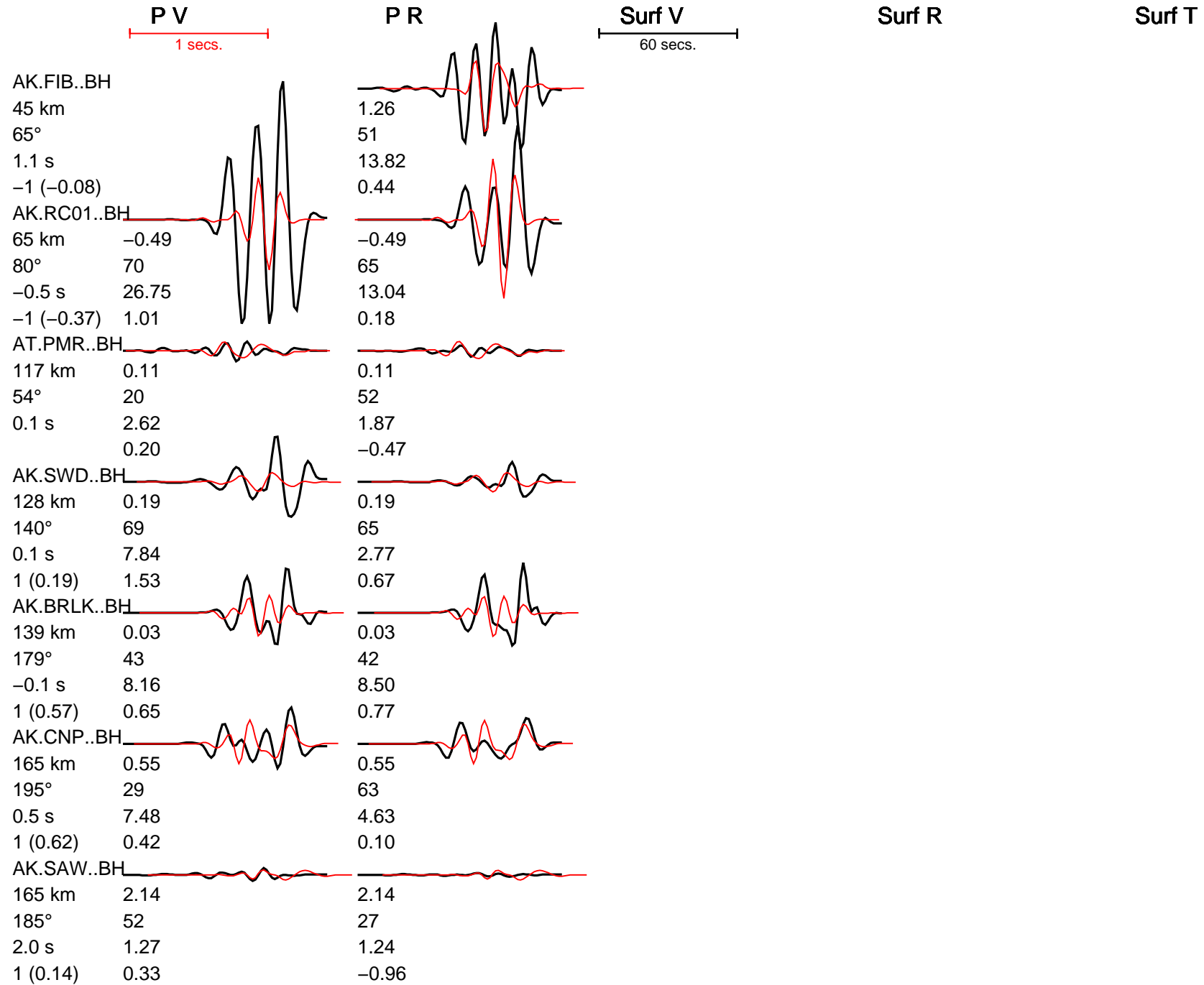


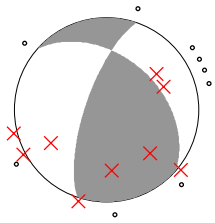
Event 20101228230830757 Model scak Depth 13

FM 21 34 60 Mw 2.80  $\gamma$  0  $\delta$  0 rms 6.836e-01 VR 53.3 pol\_wt 0.20

Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s

# norm L1 # Pwin 1.5 Swin 100 # N 7 Np 13 Ns 0





Event 20120213174033674 Model scak Depth 10  
 FM 311 41 29 Mw 2.50  $\gamma$  0  $\delta$  0 rms 3.389e-01 VR 88.5 pol\_wt 0.50  
 Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.05/0.03 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 8 Np 15 Ns 0

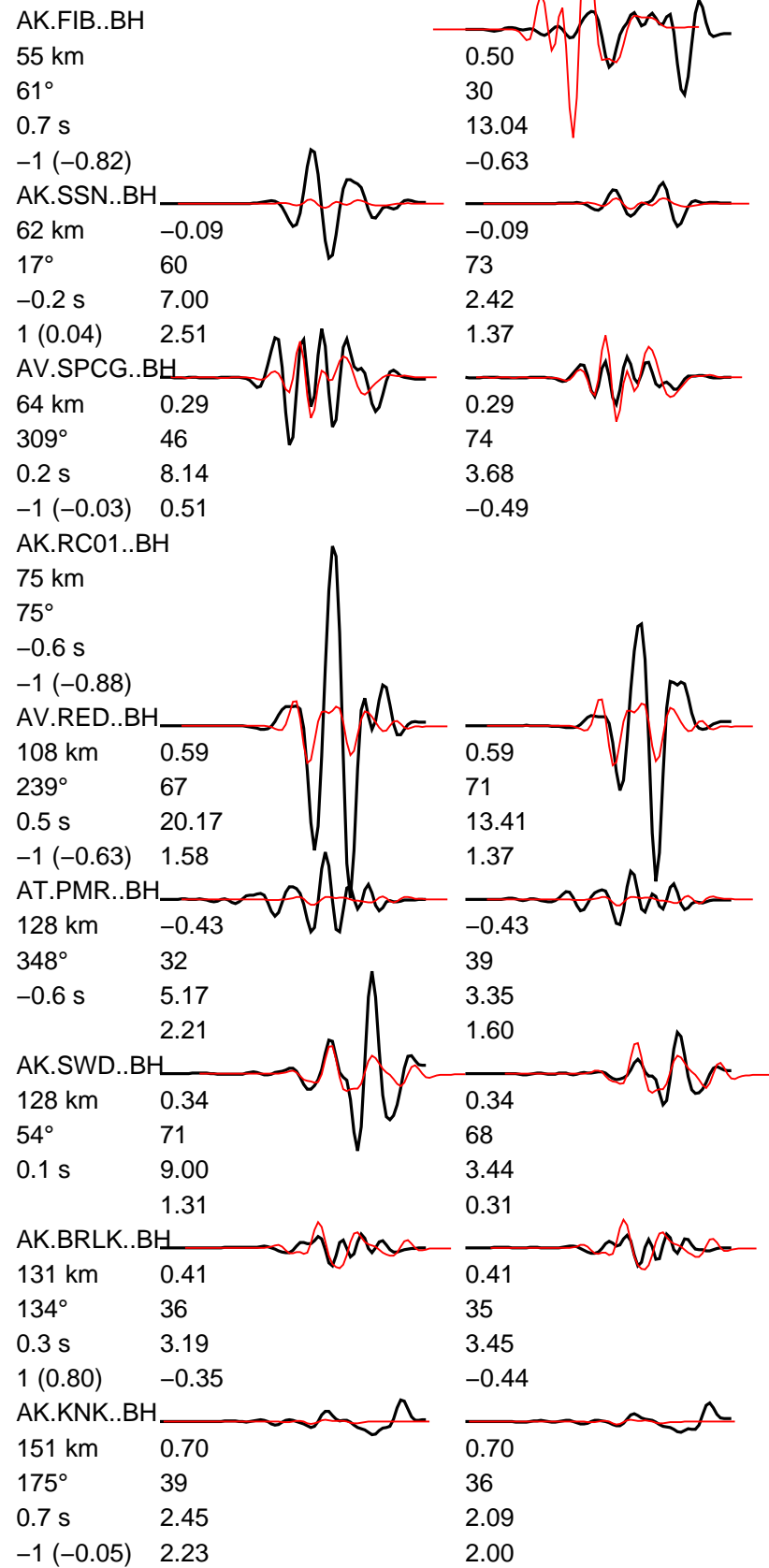
**P V**  
 1 secs.

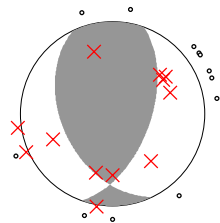
**P R**

**Surf V**  
 60 secs.

**Surf R**

**Surf T**





Event 20120308105743275 Model scak Depth 10

FM 154 43 54 Mw 4.00  $\gamma$  0  $\delta$  0 rms 4.508e-01 VR 79.7 pol\_wt 0.20

Filter periods (seconds): Body:0.14-0.33. Surf:14.29-25.00 duration: 0.50/0.25 s

# norm L1 # Pwin 1.3 Swin 100 # N 11 Np 16 Ns 32

**PV**  
1 secs.

**PR**

**Surf V**  
60 secs.

**Surf R**

**Surf T**

AK.FIB..BH  
43 km  
65°  
1.5 s  
-1 (-0.82)

AK.SSN..BH  
51 km  
9°  
0.3 s  
1 (0.10)

AK.RC01..BH  
63 km  
81°  
-0.1 s  
-1 (-0.96)

AK.SKN..BH  
113 km 0.62  
343° 46  
0.6 s 2.63  
1 (0.69) 1.10

AV.RDJH..BH  
113 km  
246°  
0.1 s  
-1 (-0.30)

AT.PMR..BH  
115 km -0.52  
54° 19  
-0.6 s 1.15  
-1 (-0.18) 1.39

AK.SWD..BH  
128 km -0.18  
246° 3  
-0.2 s 2.02  
-1 (-0.27) 2.12

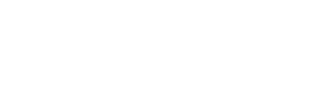
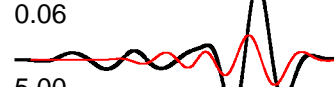
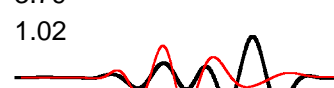
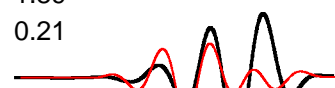
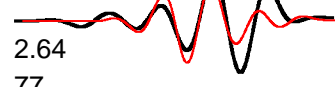
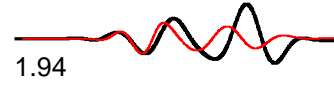
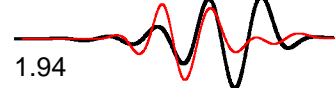
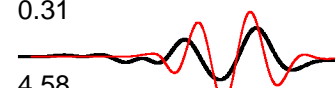
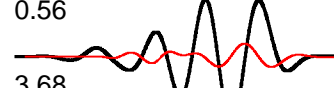
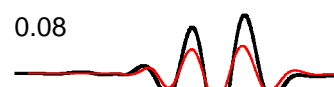
AK.GHO..BH  
135 km 0.16  
140° 89  
0.1 s 1.16  
-1 (-0.01) 2.80

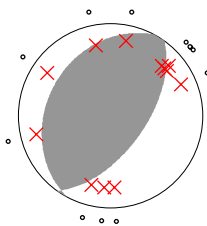
AK.KNK..BH  
139 km 0.46  
50° 33  
0.6 s 0.32  
-1 (-0.35) -0.13

AK.BRLK..BH  
140 km -0.15  
70° 53  
-0.1 s 0.36  
1 (0.04) 2.47

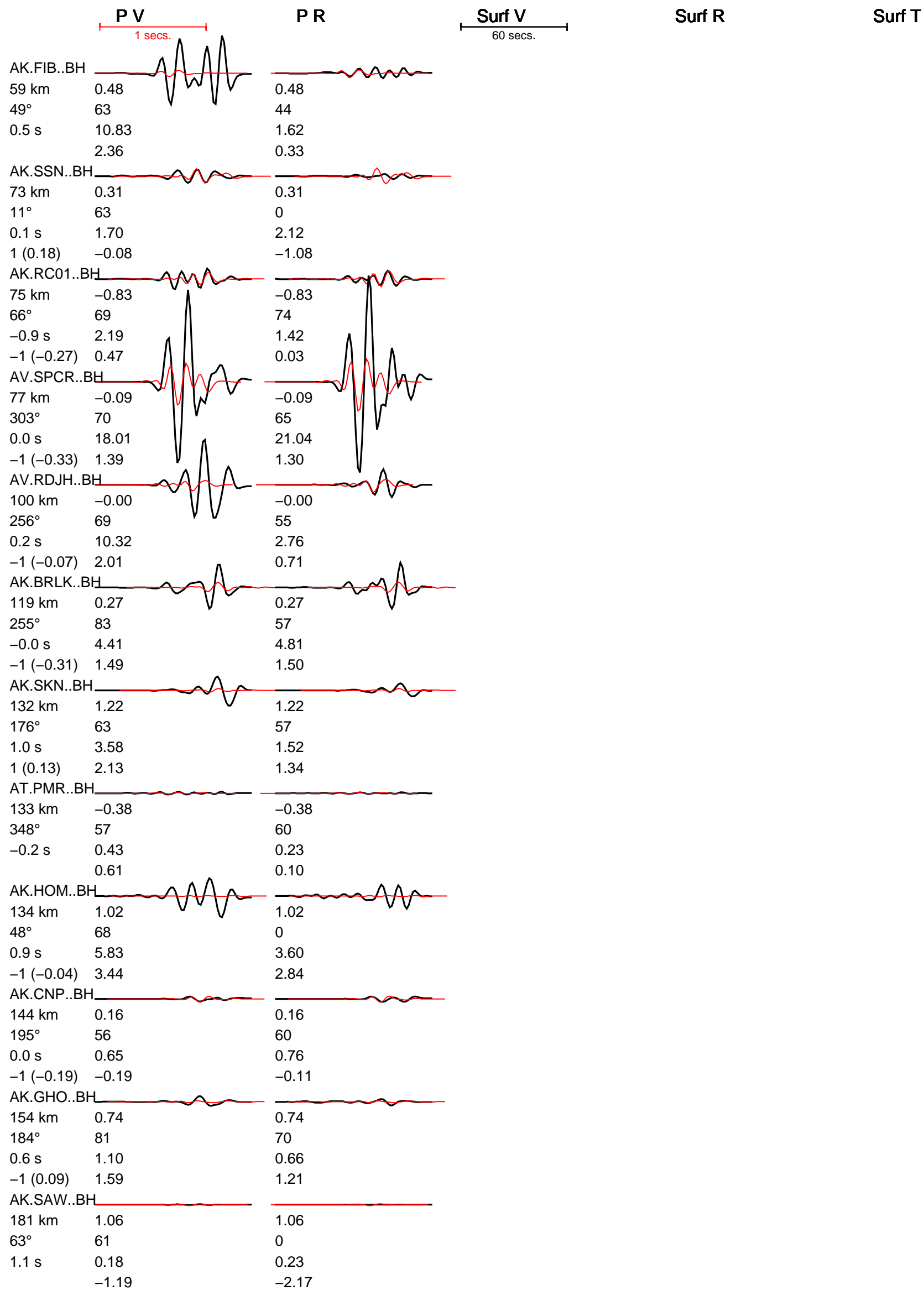
AK.HOM..BH  
156 km 1.01  
179° 52  
1.0 s 1.92  
1 (0.03) 4.43

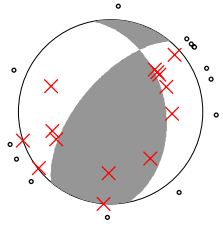
AK.SAW..BH  
163 km 0.49  
195° 78  
0.5 s 0.12  
-1 (-0.12) 0.75



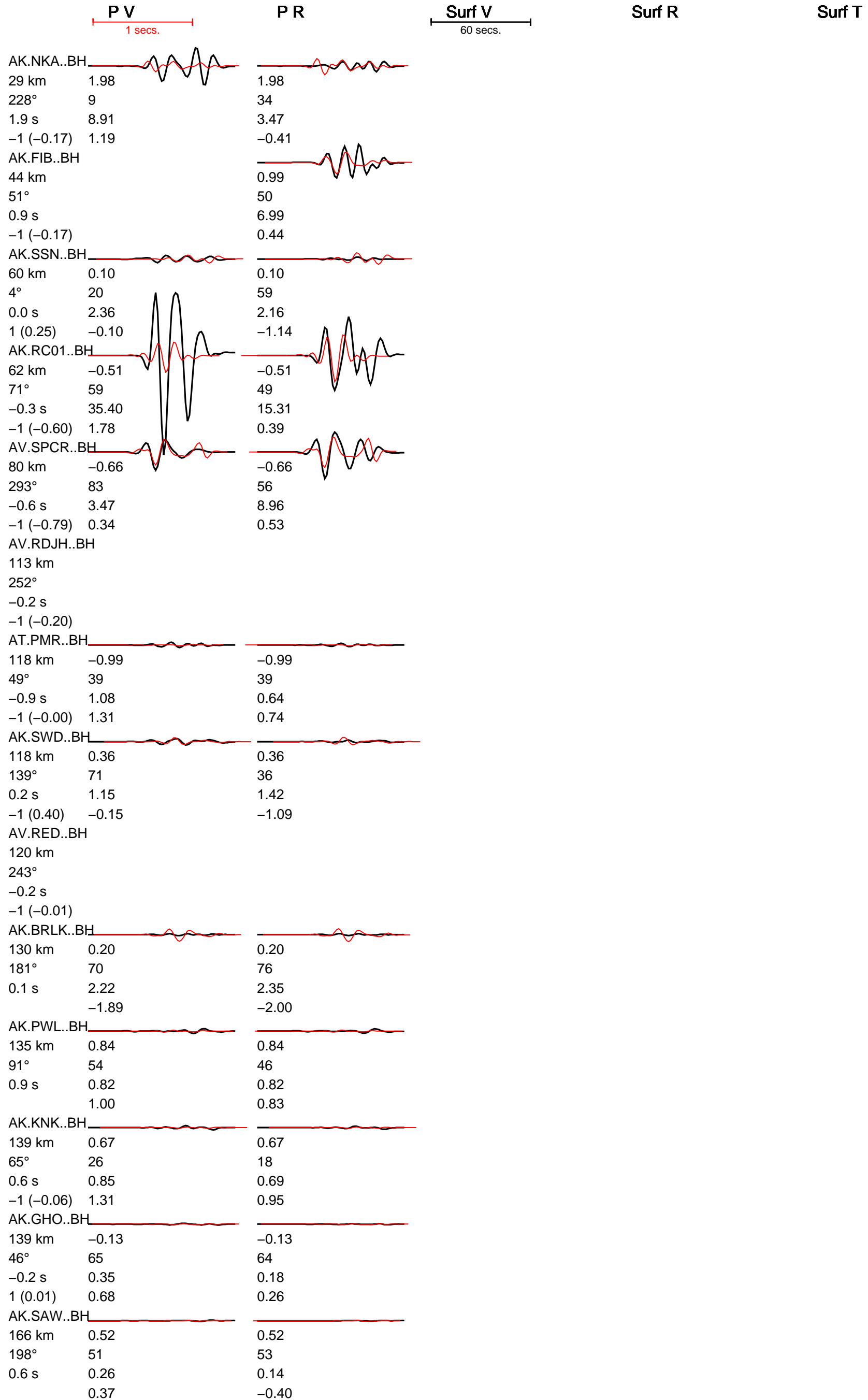


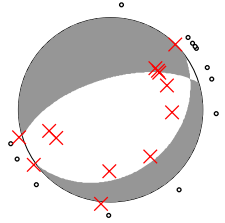
Event 20120802061138110 Model scak Depth 18  
 FM 208 31 84 Mw 2.90  $\gamma$  0  $\delta$  0 rms 5.173e-01 VR 73.2 pol\_wt 0.20  
 Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 12 Np 24 Ns 0



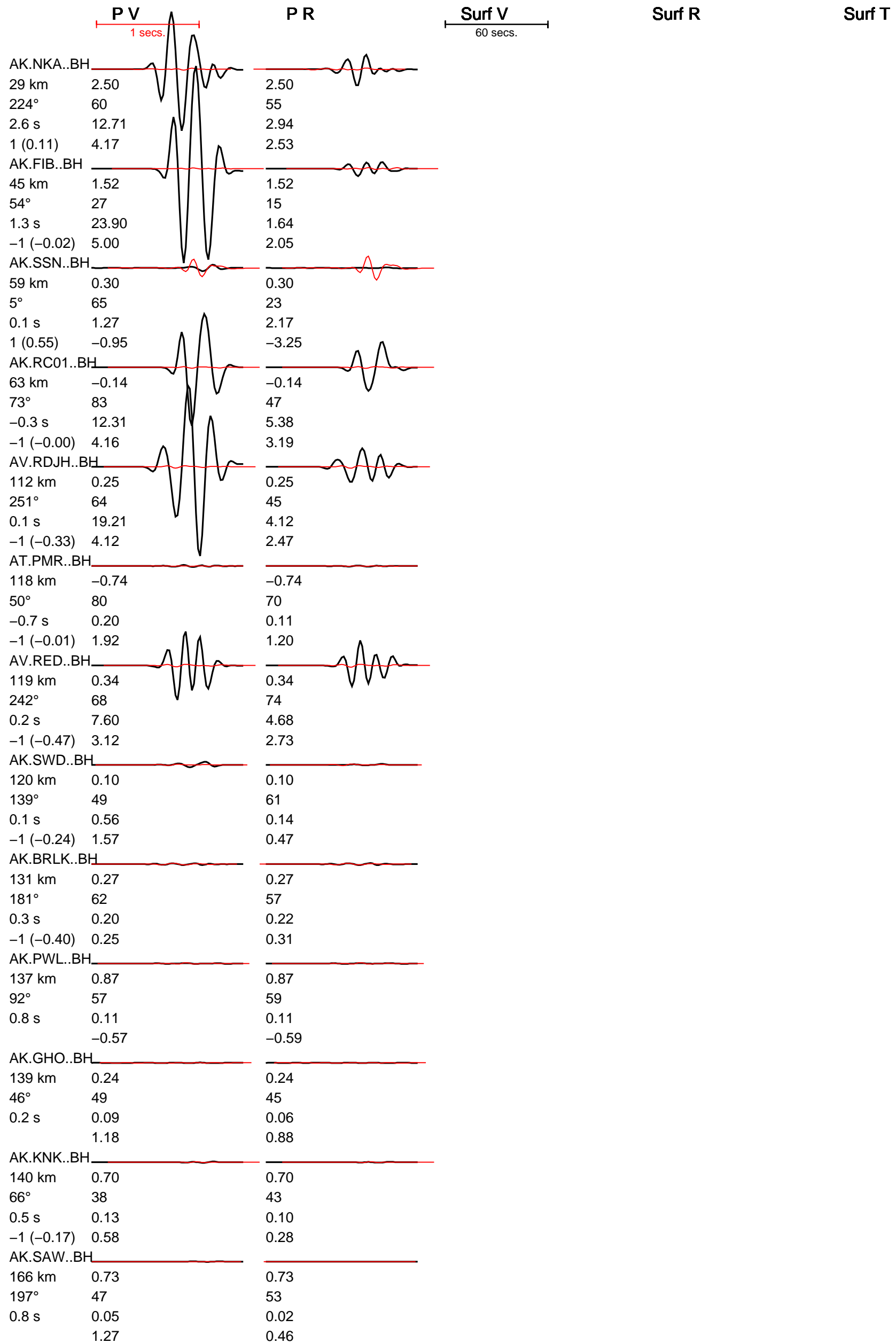


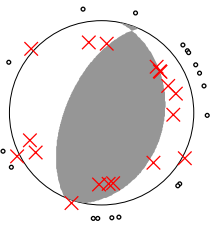
Event 20130324152430120 Model scak Depth 12  
 FM 348 40 46 Mw 2.70  $\gamma$  0  $\delta$  0 rms 5.273e-01 VR 72.2 pol\_wt 0.20  
 Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.05/0.03 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 12 Np 23 Ns 0





Event 20130326043006128 Model scak Depth 10  
 FM 253 62 -81 Mw 2.90  $\gamma$  0  $\delta$  0 rms 2.845e-01 VR 91.9 pol\_wt 0.60  
 Filter periods (seconds): Body:0.12-0.33. Surf:12.50-20.00 duration: 0.05/0.03 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 13 Np 26 Ns 0





Event 20140203000307591 Model scak Depth 15  
 FM 11 32 79 Mw 2.90  $\gamma$  0  $\delta$  0 rms 4.179e-01 VR 82.5 pol\_wt 0.20  
 Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 17 Np 34 Ns 0

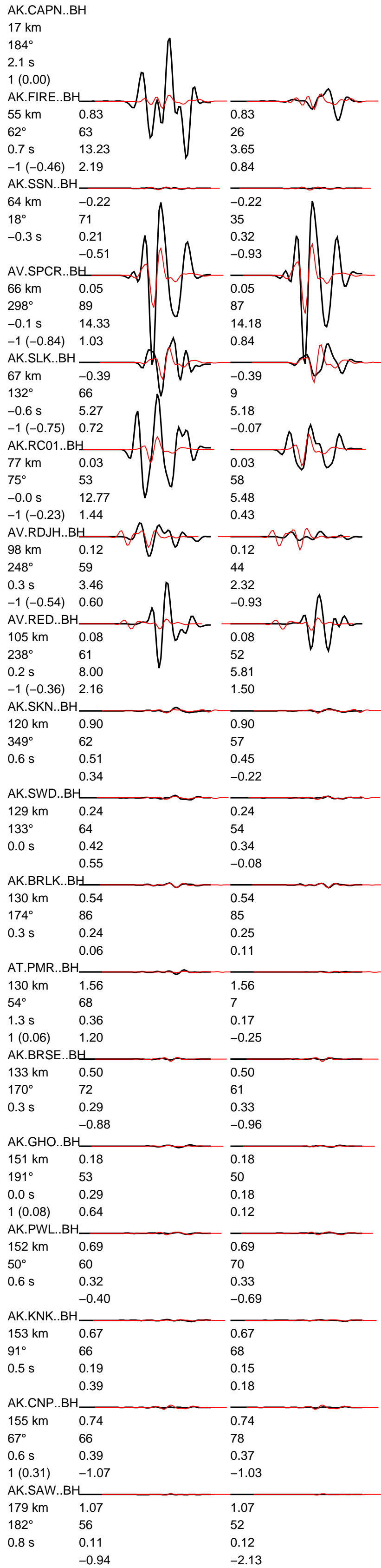
**PV**  
 1 secs.

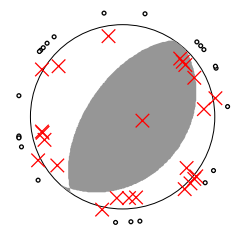
**PR**

**Surf V**  
 60 secs.

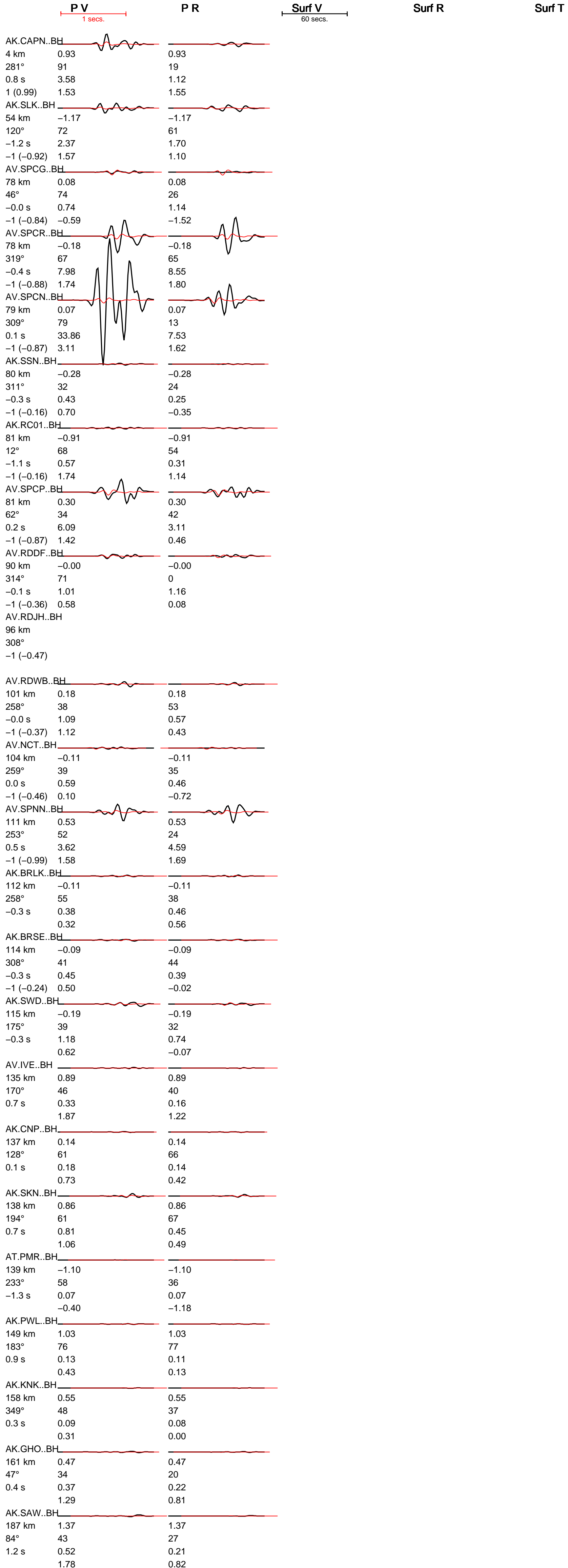
**Surf R**

**Surf T**

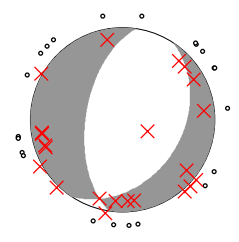




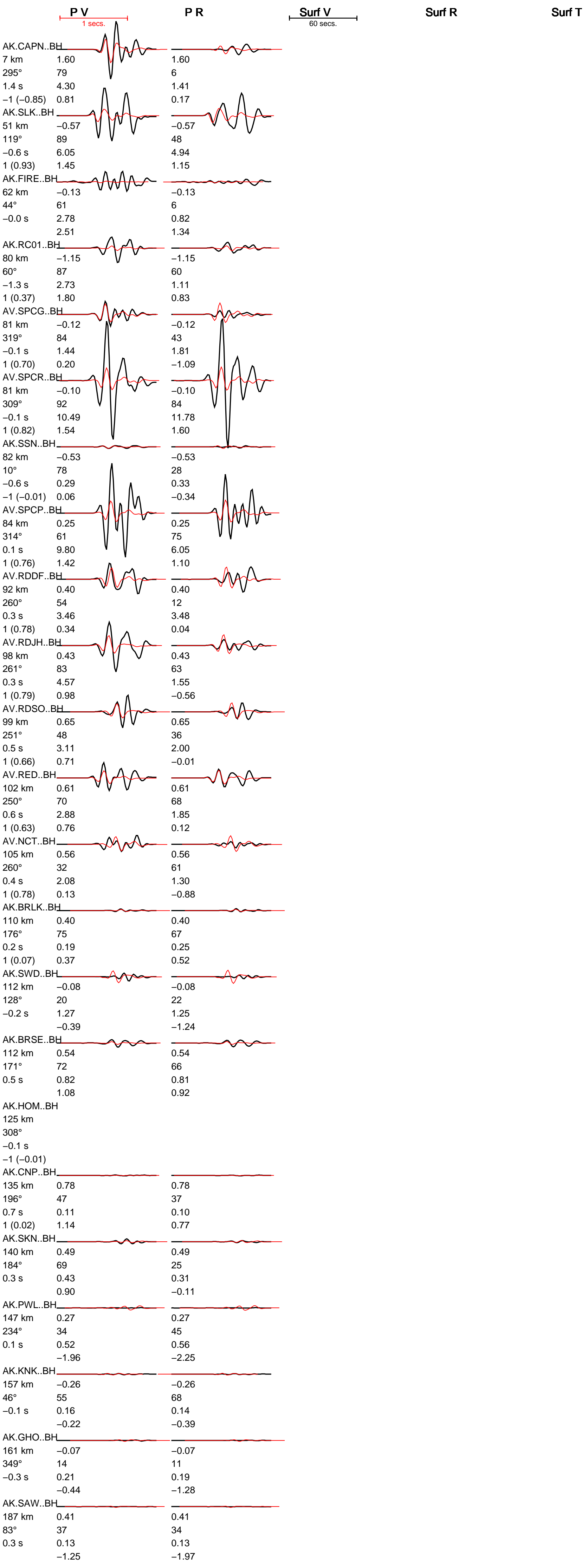
Event 20141115030100885 Model scak Depth 20  
 FM 214 58 85 Mw 2.50  $\gamma$  0  $\delta$  0 rms 4.004e-01 VR 84.0 pol\_wt 0.20  
 Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 23 Np 46 Ns 0

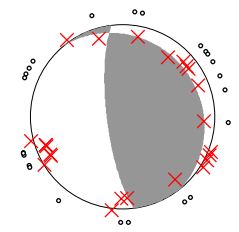




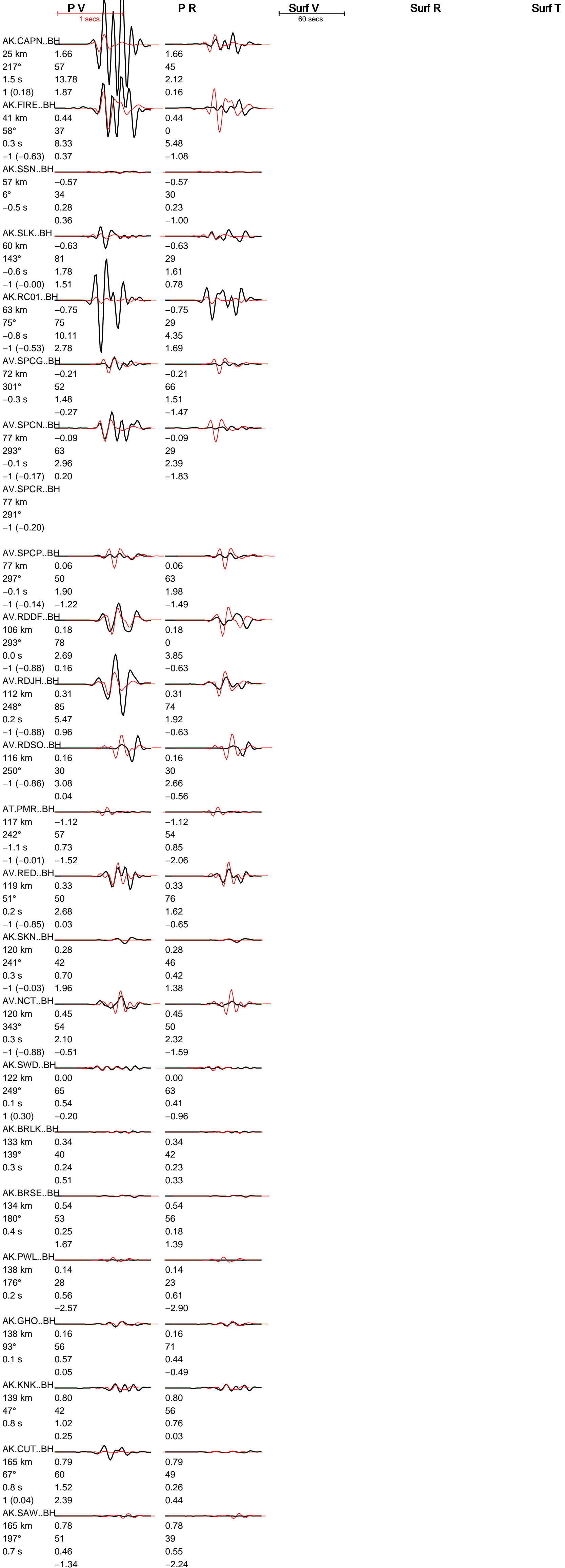


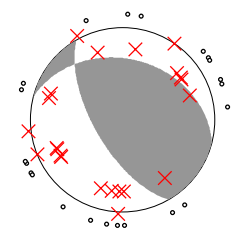
Event 20141211004839285 Model scak Depth 20  
FM 33 35 -70 Mw 3.00  $\gamma$  0  $\delta$  0 rms 2.402e-01 VR 94.2 pol\_wt 0.50  
Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
# norm L1 # Pwin 1.5 Swin 100 # N 22 Np 44 Ns 0



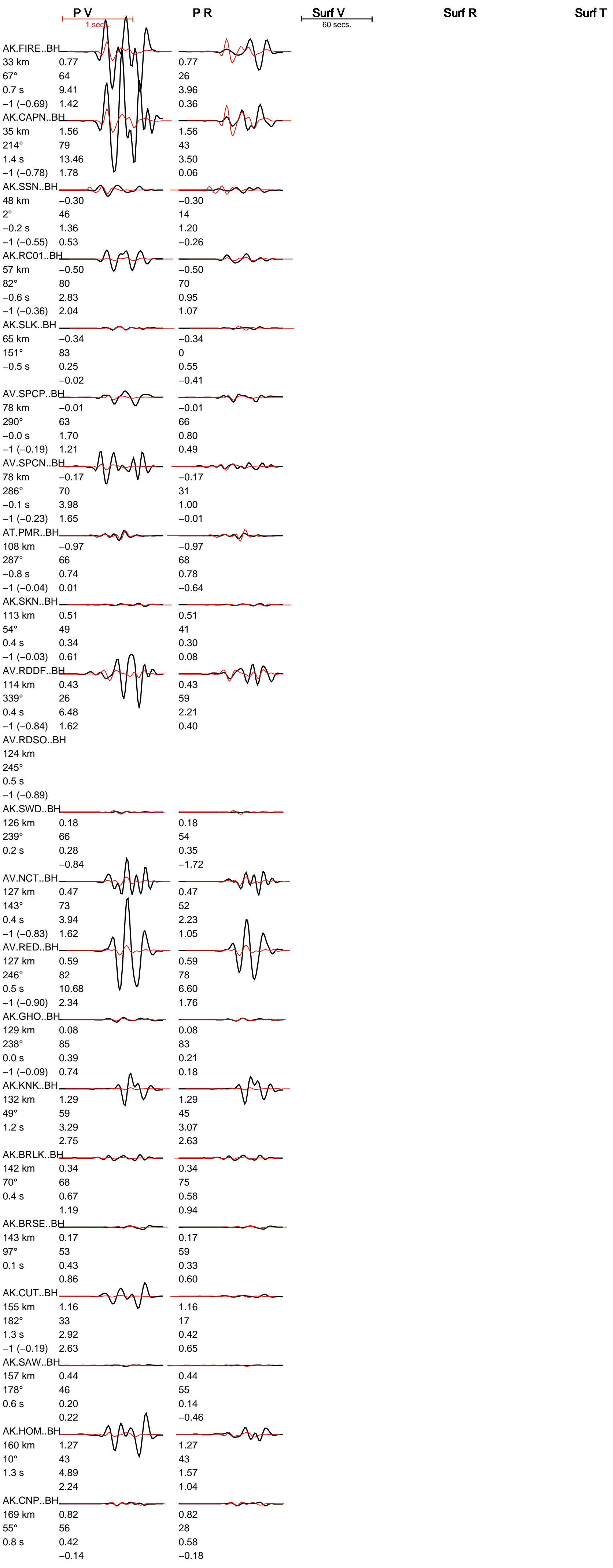


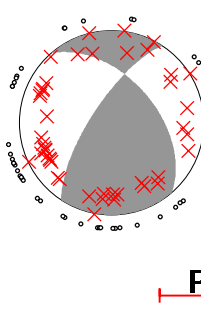
Event 20141228170032208 Model scak Depth 20  
 FM 320 16 58 Mw 3.10  $\gamma$  0  $\delta$  0 rms 1.751e-01 VR 96.9 pol\_wt 0.70  
 Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 23 Np 46 Ns 0





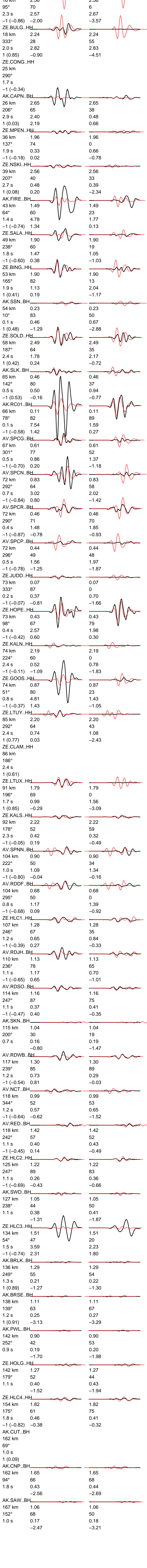
Event 20150315085611245 Model scak Depth 15  
 FM 284 34 50 Mw 2.50  $\gamma$  0  $\delta$  0 rms 3.967e-01 VR 84.3 pol\_wt 0.20  
 Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 21 Np 42 Ns 0

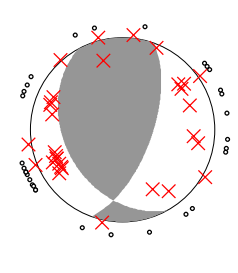




Event 20150727022154395 Model scak Depth 16  
 FM 319 49 24 Mw 3.50  $\gamma$  0  $\delta$  0 rms 1.284e-02 VR 100.0 pol\_wt 1.00  
 Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.10/0.05 s  
 # norm L1 # Pwin 1.5 Swin 60 # N 42 Np 84 Ns 0

**P V** **P R** **Surf V** **Surf R** **Surf T**  
 1 secs. 60 secs.



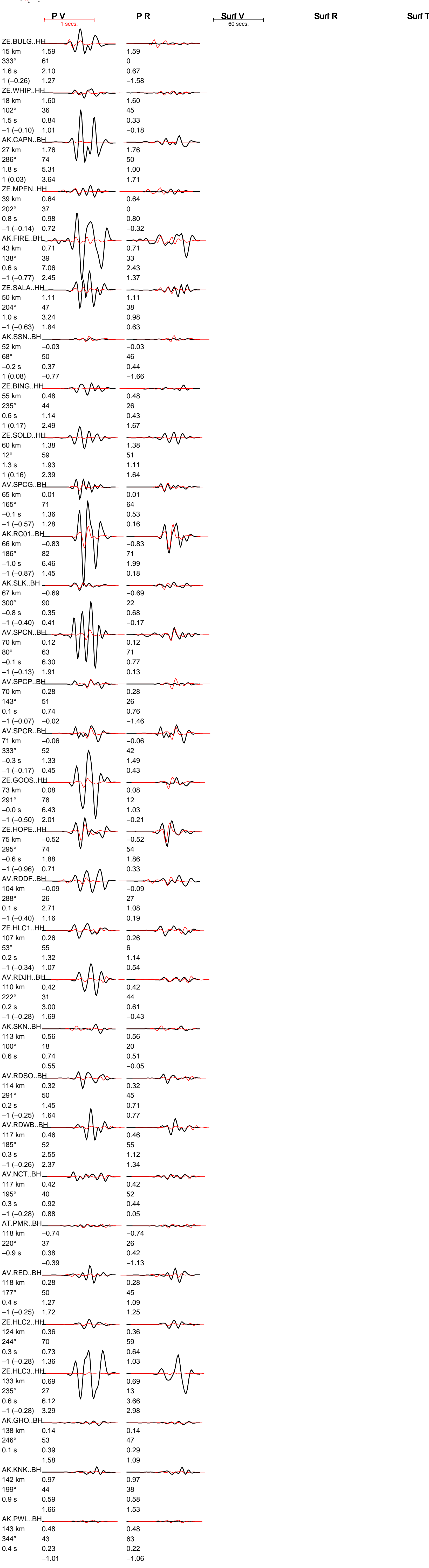


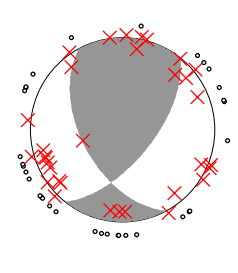
Event 20150830212712960 Model scak Depth 15

FM 151 36 48 Mw 2.60  $\gamma$  0  $\delta$  0 rms 3.839e-01 VR 85.3 pol\_wt 0.20

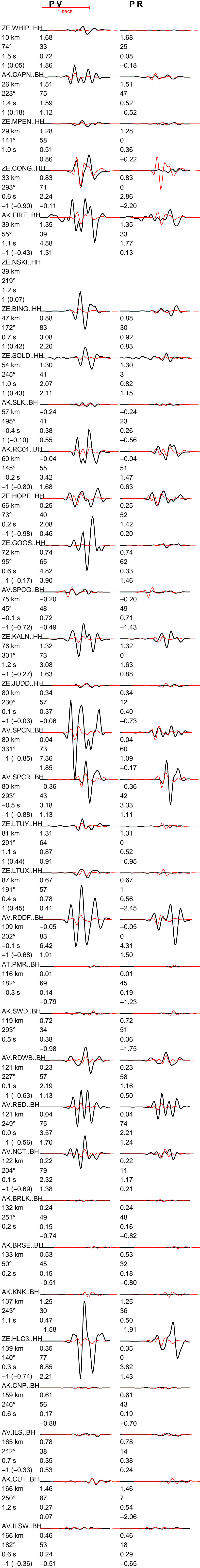
Filter periods (seconds): Body:0.11-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s

# norm L1 # Pwin 1.5 Swin 100 # N 31 Np 62 Ns 0





Event 20151124212557376 Model scak Depth 20  
 FM 152 53 35 Mw 2.70  $\gamma$  0  $\delta$  0 rms 6.747e-02 VR 99.5 pol\_wt 0.90  
 Filter periods (seconds): Body:0.12-0.33. Surf:14.29-25.00 duration: 0.03/0.01 s  
 # norm L1 # Pwin 1.5 Swin 100 # N 32 Np 64 Ns 0



Station	Depth (km)	Distance (°)	Time (s)	Phase	Amplitude
ZE.WHIP..HH	10	74	1.68	P	1.68
74°			33		25
1.5 s			0.72		0.08
1 (0.05)			1.86		-0.18
AK.CAPN..BH	26	223	1.51	P	1.51
223°			75		47
1.4 s			1.59		0.52
1 (0.18)			1.12		-0.52
ZE.MPEN..HH	29	141	1.28	P	1.28
141°			58		0
1.0 s			0.51		0.36
			0.86		-0.22
ZE.CONG..HH	33	293	0.83	P	0.83
293°			71		0
0.6 s			2.24		2.86
-1 (-0.90)			-0.11		-2.20
AK.FIRE..BH	39	55	1.35	P	1.35
55°			39		33
1.1 s			4.58		1.77
-1 (-0.43)			1.31		0.13
ZE.NSKI..HH	39	219			
219°			1.2		
1 (0.07)					
ZE.BING..HH	47	172	0.88	P	0.88
172°			83		30
0.7 s			3.08		0.92
1 (0.42)			2.20		0.83
ZE.SOLD..HH	54	245	1.30	P	1.30
245°			41		3
1.0 s			2.07		0.82
1 (0.43)			2.11		1.15
AK.SLK..BH	57	195	-0.24	P	-0.24
195°			41		23
-0.4 s			0.38		0.26
1 (-0.10)			0.55		-0.56
AK.RC01..BH	60	145	-0.04	P	-0.04
145°			55		51
-0.2 s			3.42		1.47
-1 (-0.80)			1.68		0.63
ZE.HOPE..HH	66	73	0.25	P	0.25
73°			40		52
0.2 s			2.08		1.42
-1 (-0.98)			0.46		0.20
ZE.GOOS..HH	72	95	0.74	P	0.74
95°			65		62
0.6 s			4.82		0.33
-1 (-0.17)			3.90		1.46
AV.SPCG..BH	75	45	-0.20	P	-0.20
45°			48		49
-0.1 s			0.72		0.71
-1 (-0.72)			-0.49		-1.43
ZE.KALN..HH	76	301	1.32	P	1.32
301°			73		0
1.2 s			3.08		1.63
-1 (-0.27)			1.63		0.88
ZE.JUDD..HH	80	230	0.34	P	0.34
230°			57		12
0.1 s			0.37		0.40
-1 (-0.03)			-0.06		-0.73
AV.SPCN..BH	80	331	0.04	P	0.04
331°			73		60
-1 (-0.85)			7.36		1.09
			1.85		-0.17
AV.SPCR..BH	80	293	-0.36	P	-0.36
293°			43		42
-0.5 s			3.18		3.33
-1 (-0.88)			1.13		1.11
ZE.LTUY..HH	81	291	1.31	P	1.31
291°			64		0
1.1 s			0.87		0.52
1 (0.44)			0.91		-0.95
ZE.LTUX..HH	87	191	0.67	P	0.67
191°			57		1
0.4 s			0.78		0.56
1 (0.45)			0.41		-2.45
AV.RDDF..BH	109	202	-0.05	P	-0.05
202°			83		0
-0.1 s			6.42		4.31
-1 (-0.68)			1.91		1.50
AT.PMR..BH	116	182	0.01	P	0.01
182°			69		45
-0.3 s			0.14		0.19
			-0.79		-1.23
AK.SWD..BH	119	293	0.72	P	0.72
293°			34		51
0.5 s			0.38		0.36
			-0.98		-1.75
AV.RDWB..BH	121	227	0.23	P	0.23
227°			57		58
0.1 s			2.19		1.16
-1 (-0.63)			1.13		0.50
AV.REDB..BH	121	249	0.04	P	0.04
249°			75		74
0.0 s			3.57		2.21
-1 (-0.56)			1.70		1.24
AV.NCT..BH	122	204	0.22	P	0.22
204°			79		11
0.1 s			2.32		1.17
-1 (-0.69)			1.38		0.21
AK.BRLK..BH	132	251	0.24	P	0.24
251°			49		48
0.2 s			0.15		0.16
			-0.74		-0.82
AK.BRSE..BH	133	50	0.53	P	0.53
50°			45		32
0.2 s			0.15		0.18
			-0.51		-0.80
AK.KNK..BH	137	243	1.25	P	1.25
243°			30		36
1.1 s			0.47		0.50
			-1.58		-1.91
ZE.HLC3..HH	139	140	0.35	P	0.35
140°			77		0
0.3 s			6.85		3.82
-1 (-0.74)			2.21		1.43
AK.CNP..BH	159	246	0.61	P	0.61
246°			56		43
0.6 s			0.17		0.19
			-0.88		-0.70
AV.ILS..BH	165	242	0.78	P	0.78
242°			38		14
0.7 s			0.35		0.38
-1 (-0.33)			0.53		0.24
AK.CUT..BH	166	250	1.46	P	1.46
250°			87		7
1.2 s			0.27		0.54
			0.07		-2.06
AV.ILSW..BH	166	182	0.46	P	0.46
182°			53		18
0.6 s			0.24		0.29
-1 (-0.36)			-0.51		-0.65