

**Observed timelag at each station**

Mystery Detectives - Mystery Epicenter

**Answer key**

Group	Earthquake	Station	S-P time lag	Distance to epicenter
			( seconds)	(km)
0	Example	A	9	68
		B	14	108
		C	32	239
1	Hector Mine	A	28	209
		B	9	68
		C	34	258
2	Whittier Narrow	A	18	137
		B	19	142
		C	23	172
3	Oceanside	A	26	197
		B	17	127
		C	30	224
4	Northridge	A	23	174
		B	18	138
		C	21	156
5	Landers	A	29	220
		B	24	182
		C	26	200
6	San Fernando	A	25	190
		B	20	152
		C	30	228
7	Fish Creek Mts.	A	22	164
		B	26	195
		C	14	109
8	Long Beach	A	41	312
		B	15	114
		C	12	92
9	San Jacinto Fau	A	14	106
		B	34	254
		C	24	182
10	Kern County	A	27	208
		B	23	174
		C	11	84
11	Laguna Salada	A	28	209
		B	47	354
		C	22	167
12	Fort Tejon	A	8	58
		B	16	124
		C	38	291
13	Wrightwood	A	17	129
		B	19	144
		C	14	108
14	Imperial Valley	A	19	144
		B	21	160
		C	29	219