

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
PAN	1255						27.7	N	85.3	E										X			F	
PAN	1408						27.7	N	85.3	E										X			F	
PAN	1681						27.7	N	85.3	E										IX			F	
OLD	1803	9	1				30.3	N	78.8	E										IX			F	
OLD	1809						30.7	N	78.5	E										VIII			F	
PAN	1810						27.7	N	85.3	E										IX			F	
OLD	1816	5	26				30.9	N	79	E										VIII			F	
OLD	1816	9	12				25.8	N	89.4	E										VI			F	
OLD	1819	8	3				26.5	N	85.5	E										V			F	
OLD	1826	10	29	2	0		28	N	85	E										VII			F	
OLD	1832	7	2	23	0		29.4	N	79.6	E										VI			F	
OLD	1832	8	18	7	0		29.4	N	79.6	E										IV			F	
OLD	1832	9	23	22	0		29.4	N	79.6	E										IV			F	
OLD	1833	5	30	12	0		29.4	N	79.6	E										VI			F	
OLD	1833	8	26	5	30		28	N	85	E					7					X			F	
OLD	1833	8	27				27.7	N	85.3	E										V			F	
OLD	1833	8	28				27.7	N	85.3	E										V			F	
OLD	1833	8	30				27.7	N	85.3	E										V			F	
OLD	1833	10	4				27	N	85	E					7					IX			F	
OLD	1833	10	18				27	N	84	E					7					VIII			F	
OLD	1834	7	8				25.8	N	89.4	E										VIII			F	
OLD	1834	7	21				25.8	N	89.4	E										VIII			F	
OLD	1843	6	3				26.5	N	88.5	E										IV			F	
OLD	1843	8	10	16	30		27	N	88.3	E										VII			F	
IND	1844						26.9	N	80.9	E										V		308	F	
OLD	1849	2	27	21	0		27	N	88.3	E										VIII			F	
OLD	1849	2	28	21	8		26.5	N	88.5	E										VI			F	
OLD	1851	2	14				29.4	N	79.4	E										V			F	
OLD	1852	5					27	N	88.3	E										IX			F	
IND	1859	10					26.2	N	85.9	E										III		309	F	
OLD	1862	6	18				27	N	88.3	E										VI			F	
OLD	1863	3	29	22	0		27	N	88.3	E										VII			F	
OLD	1863	7	8	20	15		27	N	88.3	E										VI			F	
OLD	1863	8	11	14	15		27	N	88.3	E										VI			F	
OLD	1863	8	21	17	15		27	N	88.3	E										IV			F	
OLD	1863	10	17	22	0		27	N	88.3	E										IV			F	
OLD	1864	8	30				25.6	N	85.2	E										V			F	
OLD	1864	8	30				26.8	N	80.9	E										V			F	
OLD	1864	8	30	23	0		27	N	88.3	E										IV			F	
IND	1864	9					26.8	N	82.2	E										III		308	F	

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
OLD	1865	9	9	9	0		27	N	88.3	E										IV			F	
OLD	1865	11	16				27	N	88.3	E										IV			F	
OLD	1865	12	16	22	0		27	N	88.3	E										VI			F	
IND	1865	12	20				26	N	88	E										IV		309	F	
OLD	1866	5	23				25	N	87	E										VIII			F	
OLD	1866	5	23				27.7	N	85.3	E										VIII			F	
OLD	1866	9					27.7	N	85.3	E										VI			F	
OLD	1869	1	10				26	N	90	E										VIII			F	
OLD	1869	3	21	21	30		27	N	88.3	E										IV			F	
OLD	1869	3	23	2	15		27	N	88.3	E										V			F	
OLD	1869	6	9	18	30		27	N	88.3	E										IV			F	
OLD	1869	7	7				28	N	85	E					7					X			F	
OLD	1869	7	25				29.4	N	79.4	E										V			F	
OLD	1869	8	9				27	N	88.3	E										VII			F	
MIL	1875	4	26				27	N	88.3	E										V			F	
IND	1878	12	29				29.4	N	79.5	E										II		308	F	
IND	1880	11	1				26.5	N	84.4	E										II		309	F	
IND	1881	12	10				25.1	N	88.2	E										III		315	F	
IND	1883	10	6				26.1	N	85.4	E										III		309	F	
IND	1885	8	21				25.4	N	86.5	E										IV		308	F	
IND	1889	5	12				25.6	N	88.7	E										III		315	F	
IND	1896	9	20				26.3	N	89.5	E										III		315	F	
IND	1897	7	29				25.1	N	88.2	E												315	F	
IND	1897	10					25.6	N	88.7	E										III		315	F	
IND	1897	10	8				25.1	N	88.2	E										II		315	F	
IND	1897	10	19				25.5	N	84.4	E										II		308	F	
IND	1897	11	2				26.3	N	89.5	E												315	F	
IND	1897	11	30				25.3	N	86.5	E										II		308	F	
IND	1898	4	4				25.5	N	84.4	E										III		308	F	
IND	1898	8					25.6	N	85.1	E										III		308	F	
IND	1898	10	9				25.8	N	89.4	E										III		315	F	
IND	1899	2	6				26.3	N	89.5	E										III		315	F	
IND	1899	9	17				25.6	N	88.7	E										III		315	F	
MIL	1899	9	25				27	N	88.3	E										VIII		311	F	
IND	1900	5	2				26.3	N	89.5	E										III		315	F	
G-R	1911	10	14	23	24		31	N	80.5	E					6.75	PAS						306		
G-R	1913	3	6	2	9		30	N	83	E					6.2	PAS						306		
BDA	1913	3	6	11	3	42	30	N	83	E	60				7.3	BDA						306		26
BDA	1916	8	28	6	39	29	30	N	81	E	60		7.3	A	7.7	BDA	7.5	Ms	PAS			306		26
ISS	1916	10	14	19	47	15	30.5	N	82	E												306		

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
ISS	1916	12	24	7	53	6	30	N	80	E												305		
LEE	1918	2	4	17	54	49	29.6	N	87.8	E					6	LEE						306		
ISS	1918	4	28	11	12	40	30.5	N	82	E												306		
ISS	1923	4	24	22	3	6	29.6	N	87.8	E												306		
ISS	1924	5	27	14	32	15	30	N	85	E												306		
ISS	1925	11	6	19	20	45	26.5	N	81.5	E					5.5	TN2						308		
ISS	1925	12	15	7	44	30	30	N	85	E												306		
ISS	1926	7	27	7	23	36	30.5	N	80.5	E					6	TN2						305		
ISS	1926	12	4	11	15	23	29.6	N	87.8	E												306		
ISS	1927	9	29	6	14	55	29.6	N	87.8	E												306		
ISS	1927	10	8	10	34	28	30.5	N	80.5	E					6	TN2						305		
ISS	1927	11	29	11	34	26	30	N	83	E												306		
G-R	1931	6	18	12	58	29	30.5	N	84	E					5.6	PAS						306		
ISS	1933	5	18	10	24	12	29.5	N	80	E												309		
CMO	1934	1	15	8	43	18	27.6	N	87.1	E	20				8.3	CMO	8.4	BDA		IX-X		309	F	
ISS	1934	1	16	4	59	22	28	N	86	E												306		
ISS	1934	1	19	18	49	54	26.6	N	86.8	E												309		
G-R	1935	3	5	22	15	53	29.7	N	80.2	E					6	PAS						309		
ISS	1935	3	15	10	33	52	29.6	N	80.4	E					5.5	TN2						309		
G-R	1935	5	21	4	22	31	28.7	N	89.2	E	140				6.25	PAS						306		
G-R	1936	2	11	4	48		27.5	N	87	E	50				5.6	PAS						310		
BDA	1936	5	27	6	19	19	28.5	N	83.5	E	60				7	BDA						310		26
ISS	1936	9	7	8	52	30	27.5	N	87	E												310		
ISS	1937	4	30	19	32	55	30	N	81.5	E					5.5	TN2						306		
ISS	1937	4	30	20	3	24	30	N	81.5	E												306		
ISS	1937	5	31	5	34	19	29.3	N	81	E												310		
ISS	1937	12	20	4	59	39	29.3	N	81	E												310		
G-R	1938	1	29	4	13	8	27.5	N	87	E					5.5	PAS						310		
ISS	1939	6	4	22	36		28.5	N	86.5	E												306		
ISS	1940	4	10	8	17	39	30	N	81.5	E					5.5	TN2						306		
LEE	1944	10	17	18	36	56	31.4	N	83.3	E					6.75	LEE						306		
LEE	1944	10	29	0	11	30	31.3	N	83.4	E					6.75	LEE						306		
LEE	1944	11	6	5	49	5	31.3	N	83.4	E					6	LEE						306		
ISS	1945	1	4	5	20	50	31	N	83	E												306		
G-R	1945	6	4	12	9	6	30	N	80	E	60				6.5	PAS						305		
ISS	1945	9	19	10	40	49	29.5	N	84	E												306		
ISS	1947	8	19	20	7	6	31.2	N	79.9	E					5.5	TN2						305		
ISS	1949	2	5	8	55	20	31.2	N	79.9	E					5.5	TN2						305		
ISS	1949	12	10	19	37	14	26	N	89	E												315		
ISS	1951	5	28	15	59	19	29	N	87	E												306		

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
ISS	1952	10	19	10	44	28	27.8	N	85.7	E												310		
ISS	1952	11	8	7	6		28.5	N	83.2	E												310		
ISS	1952	11	8	10	41	54	27.9	N	82.2	E												309		
ISS	1952	11	19	10	23	28	29.8	N	86.6	E												306		
PDE	1953	2	16	1	2	2	29.5	N	81	E												310		
ISS	1953	2	23	0	46	8	29.5	N	81.3	E					6	TN2						310		
SHL	1953	5	27	22	41	15	30.5	N	80	E												305		
BCI	1953	6	29	23	26	55	30.8	N	80.5	E												305		
ISS	1953	8	29	1	58	25	27.9	N	82.2	E												309	F	
BCI	1954	6	28	21	31	44	29.3	N	86.3	E												306		
ISS	1954	9	4	6	43	45	28.3	N	83.8	E					6.5	KIR						310		
PDE	1954	9	4	6	45	14	28	N	83.5	E												310		
SHL	1954	11	20	13	9	25	30.5	N	82	E												306		
SHL	1954	11	20	19	6	18	27.5	N	82.5	E												309		
PDE	1955	2	23	23	13	30	28	N	85.5	E												310		
SHL	1955	2	24	15	15	15	28.5	N	85.3	E												310		
PDE	1955	4	17	3	49	32	26.5	N	90	E					4.5	SHL						317		
PDE	1955	9	20	20	21	13	27.5	N	90	E					5.68	SHL						312		
PDE	1955	11	23	2	33	47	26.5	N	90	E					5	SHL						317		
PDE	1956	1	19	19	50	34	30	N	81	E												306		
PDE	1956	7	3	10	17	57	28	N	84.5	E												310		
BCI	1957	3	1	15	40	6	29.5	N	79.8	E												308		
LEE	1957	4	14	7	11	56	30.6	N	84.3	E					6.5	LEE						306		
BCI	1957	4	14	16	36	48	31	N	84.5	E					6.25	PAS						306		
PDE	1957	4	22	0	18	16	30.5	N	84.5	E												306		
LEE	1957	4	22	1	42	18	30.9	N	84.3	E					6	LEE						306		
QUE	1957	12	9	21	17	30	30	N	79.8	E												305		
ISS	1958	1	23	5	30	10	30.7	N	84.1	E					5.88	KEW						306		
BCI	1958	3	31	3	42	45	29.5	N	82	E												310		
SHL	1958	4	30	9	33	35	28.5	N	82	E												310		
BCI	1958	8	12	12	23	52	30.5	N	81.5	E												306		
BCI	1958	8	12	12	40	2	30.5	N	81.5	E												306		
QUE	1958	8	15	16	0	15	29.8	N	81.3	E												310		
LEE	1958	10	28	10	46	32	30.6	N	84.5	E					6.25	LEE	6.4	UPP				306		
ISS	1958	11	3	14	31	37	30.5	N	84.5	E												306		
ISS	1958	11	23	20	15	48	28.7	N	86.9	E												306		
SHL	1958	11	25	4	0	15	26.5	N	86.5	E												309	F	
PDE	1958	12	3	2	23	40	27	N	86	E												310	F	
PDE	1958	12	28	5	34	36	29.5	N	80	E					6.3	TN2	6	MOS				309		
ISS	1958	12	31	3	45	15	30.1	N	79.9	E												305		

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
BCI	1959	10	28	0	0	42	28.5	N	82.5	E												310		
BCI	1959	11	3	16	29	30	31	N	81	E												306		
BCI	1959	12	9	18	24		31	N	84	E												306		
BCI	1959	12	15	7	9	45	27	N	88	E												311	F	
PDE	1960	1	4	3	57	3	26	N	90	E												317	F	
PDE	1960	3	5	11	25		29	N	81	E												310		
PDE	1960	3	5	23	50	38	29	N	81	E												310		
PDE	1960	8	21	3	29	4.9	27	N	88.5	E	29				5.5	SHL						311		
QUE	1960	8	27	12	31	2	27	N	90	E												312		
BCI	1960	9	3	19	39	58	29	N	85.5	E												306		
BCI	1960	9	5	4	34	48	31	N	82	E												306		
PDE	1961	2	13	16	10	19.8	29.9	N	81	E	35											310		
PDE	1961	2	15	11	28	51	30.8	N	84.4	E	25											306		
PDE	1961	3	26	23	11	38.9	30.6	N	84.4	E	24											306		
PDE	1961	7	11	17	23	42.3	27.1	N	81	E	25											309		
PDE	1961	9	11	5	20	40.7	28.2	N	88.3	E	23											306	F	
PDE	1961	9	29	22	36	28.5	28	N	87.6	E	100											306	F	
PDE	1961	12	24	7	13	27.5	29.5	N	80.8	E	33				5.7	UPP	4.75	MOS				309		
PDE	1962	1	11	3	1	31.7	27.9	N	84.9	E	39				5	MOS	5	PEK				309	F	32
PDE	1962	1	22	20	22	17.6	30.7	N	80.6	E	25											305		6
PDE	1962	7	7	3	0	22.6	30.7	N	84.4	E	25											306		7
PDE	1962	7	13	5	1	8.6	30.5	N	79.6	E	25				5.5	TN2	4.5	MOS				305		11
PDE	1962	7	14	15	58	53.7	30.4	N	79.5	E	40				5.5	TN2	4.75	PEK				305		13
PDE	1963	1	30	10	33	59.7	29.7	N	80.6	E	59				5.5	TN2						309		21
PDE	1963	2	22	1	32	24.1	27.7	N	87.7	E	18	4.2										310		32
PDE	1963	3	5	2	35	7.8	29.2	N	81.2	E	33											310		11
BCI	1963	6	5	23	51		30	N	87	E												306		
PDE	1963	9	2	22	25	51.7	26.2	N	90	E	220											317		5
BCI	1963	9	20	15	1	42	30	N	80	E												305		
BCI	1963	10	22	20	43	30	28.5	N	80.5	E												309		
PDE	1964	1	25	7	13	30.8	28.5	N	86.8	E	44	4.5										306		8
PDE	1964	2	1	11	28	19.4	27.4	N	87.8	E	33	4.8										310		10
PDE	1964	2	8	11	54	23.1	29	N	82.2	E	33	4.3										31	0	11
PDE	1964	3	27	23	3	41.7	27.2	N	89.3	E	32	6.3			4.5	MOS			FPS			312		18
ISC	1964	5	4	19	22	36.5	31.1	N	80.5	E												306		6
PDE	1964	5	24	0	0	50.2	30.1	N	82.1	E	33	5.1										306		11
ISC	1964	6	16	18	13	10	28	N	80.5	E												309		5
ISC	1964	8	13	11	22	52	29.5	N	80	E												309		
PDE	1964	8	30	2	35	8.1	27.6	N	88.3	E	21	5.2			5	MOS						311		24
ISC	1964	8	30	5	12	32.2	27.9	N	88.5	E	33											311		6

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
ISC	1964	8	31	17	30	10	29	N	84	E												306		3
ISC	1964	9	14	17	21	12	30.2	N	86.2	E	39											306		9
BAR	1964	9	26	0	46	2.6	30	N	80.5	E	18	6.2			5.75	MOS			FPS			305		32
PDE	1964	10	6	20	19	34.1	29.3	N	80.9	E	27	5.1			5	MOS						309		30
ISC	1964	10	7	16	8	35	29.3	N	81.6	E	129											310		10
ISC	1964	10	25	15	40	7	27.9	N	88.6	E		4.8										311		9
PDE	1964	11	9	16	12	50.6	29.5	N	86	E	33	4.7			4.5	MOS						306		18
PDE	1964	12	2	8	21	43.3	29.5	N	81.3	E	23	5.1			4.75	MOS						310		15
ISC	1964	12	3	9	25	35.6	29.4	N	81.3	E	48											310		8
PDE	1964	12	20	3	31	36	29.5	N	81	E	33	5.2			4.5	MOS						310		9
BAR	1965	1	12	13	32	24.1	27.4	N	87.8	E	15	5.9			5.5	MOS			FPS			311		18
PDE	1965	1	12	13	55	20	27.3	N	87.7	E	33	5.3										310		22
ISC	1965	3	11	14	57	43	30.2	N	82.6	E	184											306		8
PDE	1965	3	18	2	41	27.6	29.9	N	80.3	E	33	5.2			4.25	PEK						309		13
ISC	1965	3	27	20	45	51	27.3	N	89.9	E	33											312		7
ISC	1965	3	31	10	42	6.7	30	N	80.3	E												305		6
ISC	1965	4	14	22	35	30.6	29.4	N	81.2	E	69											310		11
ISC	1965	4	30	9	16	21	28.8	N	84.3	E												310		4
PDE	1965	5	13	10	51	15.5	29.8	N	80.5	E	33	5.1										309		17
ISC	1965	5	30	6	17	15.4	29.3	N	80.9	E	91											309		7
PDE	1965	6	1	7	52	24.2	28.5	N	83.2	E	20	5.3			5.4	QUE	4.75	PEK				310		71
PDE	1966	1	11	12	42	6.2	27.6	N	85.9	E	33	4.5										310		6
ISC	1966	2	16	3	25	57	28.3	N	88	E												306		
PDE	1966	3	6	2	10	53.6	31.6	N	80.6	E	12	5.7			5.4	QUE			FPS			306		67
MOC	1966	3	6	2	15	57.2	31.5	N	80.5	E	8	6			6.5	PAS	7	BDA	FPS			306		81
PDE	1966	3	6	19	9	24.6	31.5	N	80.3	E	14	4.8										306		6
PDE	1966	3	17	5	44	47.7	31.6	N	82.9	E	11	4.9										306		14
ISC	1966	4	23	6	3	8	28.4	N	86.7	E												306		
PDE	1966	6	25	12	5	3.8	30.5	N	82.3	E	46	5.1										306		17
BAR	1966	6	27	10	41	8.1	29.6	N	80.8	E	15	6			5.75	PAS	6.25	MOS	FPS			309	C	115
PDE	1966	6	27	10	47	45.2	29.5	N	80.9	E	43	5.3										309		14
PDE	1966	6	27	10	49	46	29.6	N	80.9	E	16	5.9					5.63	MOS				309		38
PDE	1966	6	27	10	59	14.1	29.7	N	81	E	13	6			6	PAS	6.5	MOS				310		96
PDE	1966	6	27	11	21	43.3	29.7	N	80.9	E	33	5.3										309		38
PDE	1966	6	27	13	55	49.8	29.7	N	80.9	E	19	5.4										309		73
PDE	1966	6	28	15	43	40.8	29.6	N	80.9	E	48	5.2										309		9
PDE	1966	6	29	0	42	9.3	29.8	N	81	E	15	5.3										310		11
ISC	1966	7	13	14	7	21.1	29.4	N	81.2	E												310		8
ISC	1966	7	17	0	11	39	27.8	N	87	E												310		
ISC	1966	7	29	6	38	42	29.5	N	81	E	17											309		7

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
MFW	1966	8	15	2	15	28	28.7	N	78.9	E	25	5.6			5	PAS			FPS			308	C	109
ISC	1966	9	3	6	40	11	27	N	85.9	E												310		
ISC	1966	10	5	7	57	20.3	29.3	N	81.2	E	33	4.5										310		13
PDE	1966	10	13	12	42	42	31.4	N	80.3	E	29	5.1										306		27
PDE	1966	11	5	18	53	3.3	28.2	N	84	E	33	5.1										310		30
ISC	1966	12	15	19	43	52.5	29.9	N	81.1	E												310		5
PDE	1966	12	16	20	52	16.3	29.6		80.8	E	12	5.8			6	MOS			FPS			309		155
PDE	1966	12	16	22	12	49.1	29.6	N	80.9	E	7	5.1										309		13
PDE	1966	12	18	22	42	39.3	29.5	N	80.9	E	33	4.9										309		16
PDE	1966	12	21	22	10	59.8	29.7	N	80.8	E	21	5.4			5.6	QUE						309		62
ISC	1966	12	28	3	59	7	28	N	89	W	33				5.2							306		
PDE	1967	1	2	22	17	56.3	30.6	N	79.3	E	25	4.8										305		13
ISC	1967	1	5	20	19	4	30	N	86	E	33				5.2							306		
ISC	1967	1	25	0	47	39	29	N	81	E												310		
PDE	1967	3	2	11	47	12.7	28.7	N	86.4	E	23	4.9										306		10
PDE	1967	3	11	18	45	44.5	29.3	N	81.4	E	33	4.8										310		19
PDE	1967	3	16	17	38	26.9	29.9	N	85	E	15	3.9										306		7
ISC	1967	5	3	4	42	41.3	30.2	N	81.8	E												306		5
ISC	1967	7	16	9	38	57	28	N	82	E	33				4.9							310		
ISC	1967	8	3	9	6	26	30.2	N	79.6	E												305		
ISC	1967	8	14	11	1	13	28	N	80	E	33				5.2							309		
ISC	1967	9	13	19	37	2	27	N	87	E	33				5.2							310		
ISC	1967	11	21	6	17	39	28	N	79	E	33				4.9							308		
PDE	1967	12	18	10	51	34.8	29.1	N	81.9	E	42	5.2										310		25
PDE	1968	1	5	6	42	44.7	30.4	N	79.1	E	7	5.4										305		29
ISC	1968	2	7	1	22	6	30.9	N	80.3	E	33				4.7							305		
PDE	1968	5	27	18	35	57	29.7	N	80.4	E	27	5.1										309		14
PDE	1968	5	31	3	1	35.7	29.9	N	80	E	33	5.1										308		16
PDE	1968	10	28	17	48	29.1	27.3	N	86.1	E	37	4.8										310		10
PDE	1969	1	5	9	56	41.1	28	N	85.2	E	33											310		7
ISC	1969	2	4	5	44	2	28.3	N	81.4	E	33				5.1							309		
ISC	1969	2	11	22	9	57	28.1	N	82.7	E	33				6.2							310		
ISC	1969	2	13	3	21	30	27.9	N	85.4	E	33				5							310		
ISC	1969	2	13	10	23	54	28.2	N	81.8	E	33				5.3							309		
ISC	1969	2	24	10	37	21	27.9	N	85.6	E	33				5.2							310		
PDE	1969	3	3	6	20	21.8	30.2	N	79.9	E	20	5.3			5.05	MOS						305		41
PDE	1969	3	5	11	15	0.6	29.2	N	81.1	E	63	5.2										310		6
ISC	1969	3	7	8	6	23	28.1	N	83.8	E	33				4.8							310		
ISC	1969	4	13	11	57	13	28.3	N	81.7	E	33				4.9							309		
TN2	1969	5	3	6	20	22	30.2	N	79.9	E		5.3										305		

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
PDE	1969	6	22	1	33	24.1	30.6	N	79.4	E	19	5.4			5.25	MOS						305	F	43
PDE	1969	12	5	18	45	17.4	29.7	N	80.8	E	33	4.9										309		11
ISC	1970	2	12	1	51	48.4	29.2	N	81.6	E	25	5.3							FPS			310		34
PDE	1970	2	26	19	30	7.7	27.7	N	85.9	E	33	5.2							FPS			310	F	36
ISC	1970	2	26	23	21	20	27.3	N	85.9	E	31	4.7										310		22
ISC	1970	7	6	7	0	24	27.9	N	85.6	E	33											310		
PDE	1970	7	21	15	37	44.7	27.9	N	84.8	E	40	4.7										309		17
PDE	1970	7	25	1	35	26.3	25.7	N	88.5	E	33	5.2										315		43
PDE	1971	1	30	20	15	40.8	30.5	N	79.1	E	56	4.6										305		17
MOC	1971	5	3	0	33	24.6	30.8	N	84.3	E	8	5.3							FPS			306		43
PDE	1971	6	6	10	34	49	28.1	N	85.6	E	34	4.9										310		10
ISC	1971	6	25	1	10	13.6	28	N	83.6	E	96				4.1	QUE						309		27
PDE	1971	10	24	8	59	4.6	28.2	N	87.2	E	44	5.1										306		23
PDE	1971	12	4	8	38	0.7	27.9	N	87.9	E	32	5										310		23
ISC	1971	12	19	2	51	2.3	25.5	N	87.2	E												308		
PDE	1972	2	4	14	8	21.7	30.4	N	84.6	E	18	5.2										306		32
PDE	1972	3	15	6	0	32.4	30.4	N	84.5	E	33	5.3										306		57
PDE	1972	8	21	14	4	33.9	27.2	N	88	E	33	4.8										310		31
PDE	1972	8	21	18	55	7.1	27.2	N	88	E	33	5.1										311		11
PDE	1972	11	6	10	56	8.8	27	N	88.7	E	33	4.8										315		22
ISC	1973	2	10	6	51	20.8	30.5	N	80.3	E		4.6										305		13
PDE	1973	3	22	1	6	57.2	28.1	N	87	E	33	5.2										306		34
PDE	1973	4	4	17	53	8.2	30.5	N	83.7	E	48	4.8										306		8
PDE	1973	10	16	9	50	43.3	28.2	N	82.9	E	33	5.2										310		52
ISC	1974	1	22	10	33	14.7	28.1	N	88.7	E	33											306		9
ISC	1974	2	11	16	37	20.9	29.2	N	85.2	E	236											306		5
ISC	1974	2	19	20	25	53.4	26.8	N	89.8	E	33											315		6
PDE	1974	3	13	6	47	52	29.3	N	81.6	E	65	4.5										310		7
BER	1974	3	24	14	16	1.12	27.7	N	86	E	16	5.4	5.7	H					FPS			310	F	125
PDE	1974	3	24	16	17	39.6	27.6	N	86	E	33	4.8										310		22
PDE	1974	5	6	1	7	0.6	29.3	N	81.7	E	33	4.5										310		10
ISC	1974	6	10	23	15	42.7	30.6	N	81	E	33											305		8
ISC	1974	6	22	17	31	3.36	30.8	N	80.7	E	33											305		7
ISC	1974	6	24	6	8	34.2	30.7	N	81	E	33											305		6
PDE	1974	9	27	5	26	39.4	28.6	N	85.5	E	70	5.6										310		122
ISC	1974	10	4	5	33	7.26	28.6	N	87.4	E	33											306		10
ISC	1974	11	21	6	16	37.9	28.7	N	80.8	E	33											309		8
PDE	1974	12	23	9	45	42.8	29.4	N	81.4	E	45	5.2										310		32
PDE	1975	1	23	1	37	42.9	27.3	N	88.3	E	33	4.8										311		19
PDE	1975	1	31	12	38	52.4	28.1	N	84.7	E	33	5.4										310	F	57



## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
PDE	1975	2	6	6	39	44.6	27.9	N	87.8	E	33	4.7										310		9
ISC	1975	3	29	2	57	46.3	28.5	N	88	E	35											306		15
PDE	1975	4	9	3	28	28.6	30.4	N	84.9	E	33	4.9										306		25
PDE	1975	4	24	1	35	51.3	27.2	N	86.9	E	33	5.1										310		33
ISC	1975	4	28	4	51	37.2	28.8	N	83.3	E												310		5
ISC	1975	4	30	3	8	27.8	28.2	N	78.9	E	33	4.5										308		10
ISC	1975	5	14	12	16	45.1	29.2	N	80.8	E	124											309		7
ISC	1975	5	27	22	14	17.6	30.5	N	84.6	E												306		5
PDE	1975	6	24	15	38	27.8	27.5	N	87.3	E	33	5.2										310		20
PDE	1975	8	23	3	8	56.3	30.6	N	79.5	E	33	4										305		6
ISC	1975	8	28	22	28	18.7	28.2	N	88.1	E												306		12
PDE	1975	9	6	4	44	35.7	29.3	N	82.2	E	33	5.1										310	F	20
PDE	1975	9	27	19	46	39.4	30.4	N	85.6	E	33	4.3										306		7
ISC	1975	10	21	13	33	43	30.5	N	79.3	E	33											305		
PDE	1975	10	24	17	44	15.3	26.8	N	86.3	E	33	4.2										309		6
ISC	1975	11	17	15	58	29.3	30	N	84.4	E	32											306		11
ISC	1975	11	21	13	49	27.9	27	N	86.5	E		4.9										309		28
PDE	1975	11	26	15	2	32.9	28.3	N	87.6	E	33	5.1										306		12
PDE	1976	5	10	18	43	53.5	29.3	N	81.5	E	33	5.2	4.6	Z								310		87
ISC	1976	8	27	6	5	13.1	29.3	N	81.6	E	33											310		5
PDE	1976	9	12	15	36	11.8	27.7	N	85.8	E	33	4.8										310		16
PDE	1976	9	29	2	51	27	29.8	N	81.4	E	33	5										310		44
PDE	1976	10	23	16	9	19.8	28.7	N	86.2	E	63	5.1										306		9
PDE	1976	11	24	3	58	48.3	30.4	N	79.6	E	62											305		6
PDE	1977	3	20	8	35	49.8	28.2	N	87.8	E	33											306		11
PDE	1977	4	20	4	21	9.4	30.5	N	79.4	E	33	4.8	4.3	Z								305		20
ISC	1977	4	28	4	37	12.9	30.4	N	81.5	E												306		7
PDE	1977	5	16	22	37	39.8	29.7	N	81.6	E	33											310		5
PDE	1977	6	5	19	21	40.5	26.2	N	88.3	E	33	4.8										315		29
ISC	1977	6	20	22	4	8.65	31	N	83.6	E	33	4.3										306		6
ISC	1977	7	24	2	3	30.5	30	N	80.8	E	33											309		7
PDE	1977	9	20	5	51	36	29.5	N	81.1	E	23	5										310		10
ISC	1977	9	25	2	13	58.5	28.4	N	87.6	E	33											306		8
PDE	1977	10	21	12	16	13.6	30	N	79.9	E	125											305		8
PDE	1977	11	4	23	54	44.7	29.6	N	81.3	E	15	4.9										310		39
ISC	1977	12	13	22	48	10.7	29.9	N	81.4	E	182											310		8
ISC	1978	1	1	11	25	57.1	30	N	81.1	E	83	4.3										306		8
PDE	1977	1	7	7	23	20.5	30.6	N	79.4	E	33	4.7										305		47
ISC	1978	2	4	21	30	14	29.3	N	81.4	E	36	4.4										310		21
ISC	1978	2	10	16	53	2.75	27.9	N	85	E	33	4.4										310		9

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N	
PDE	1978	2	10	17	29	52	28.1	N	84.6	E	33	5.2	4.7	Z								310	F	103	
ISC	1978	2	12	6	39	11.6	28.5	N	85.8	E	33												310		9
PDE	1978	2	19	4	52	27.8	29.3	N	85	E	16	4.7											306		28
ISC	1978	2	28	17	26	4.59	29.3	N	80.7	E	53	4.7											309		22
PDE	1978	3	7	10	21	59.1	29.3	N	81.1	E	33	4.2											310		8
PDE	1978	3	21	0	5	52.6	30	N	81.1	E	76												306		6
PDE	1978	8	13	22	28	4.6	28	N	85.2	E	33	4.4											310		32
ISC	1978	8	18	13	26	15.4	27.8	N	87.8	E	58												310		11
PDE	1978	10	4	13	53	52	27.8	N	86	E	33	5.2											310		63
ISC	1978	10	14	18	48	48.9	27.7	N	87.3	E	27	4.8											310		24
PDE	1978	10	23	14	36	51.4	28.8	N	86.8	E	33	4.4											306		9
ISC	1978	10	27	23	23	52.9	29.4	N	84.4	E	79												306		14
ISC	1978	12	10	23	55	0.3	30.6	N	83.8	E	33												306		8
PDE	1978	12	12	10	0	52.5	29	N	81.2	E	56	4.3											310		8
ISC	1978	12	14	20	16	37	29.6	N	80.4	E	33	4.1											309		13
PDE	1978	12	25	20	0	2.7	28.1	N	83.9	E	33	4.5											310		11
ISC	1979	1	1	21	52	46.1	28.4	N	82.9	E	33	4.3											310		19
PDE	1979	3	5	23	54	52.5	30.5	N	79.7	E	33	4.3											305		12
ISC	1979	3	29	1	58	60	29.9	N	80.3	E	33	4.2											309		10
PDE	1979	4	11	16	8	12.9	26	N	88.8	E	33	4.8											315		16
PDE	1979	5	5	11	22	48.9	27.2	N	85.5	E	33	4.3											310		10
NBA	1979	5	20	22	59	11.6	29.9	N	80.3	E	16	5.8	5.9	Z					FPS				305	F	284
NBA	1979	6	19	16	29	8.41	26.7	N	87.5	E	20	5.3	4.5	Z					FPS				309	F	165
PDE	1979	7	3	16	56	53.7	28	N	84.5	E	33	4.2											309		7
ISC	1979	7	5	11	49	51.1	27.7	N	86.1	E													310		7
ISC	1979	10	17	1	44	22.3	28	N	87.6	E	33	4.6											310		12
PDE	1979	11	16	19	17	27.7	27.2	N	88.2	E	33	4.6											311		10
ISC	1979	11	30	20	13	35.1	31.4	N	81.2	E	33	4											306		6
ISC	1980	1	16	20	9	35.2	29.5	N	80	E	140												308		10
ISC	1980	2	15	1	15	7.51	29.4	N	81	E	33	4											310		13
PDE	1980	6	22	14	38	53.7	30.1	N	81.8	E	33	5.1											306		126
PDE	1980	7	29	12	23	7.74	29.3	N	81.2	E	13	5.8	5.2	Z					FPS				310	F	171
PDE	1980	7	29	14	58	40.8	29.6	N	81.1	E	18	6.1	6.5	Z	6.6	BRK			FPS	VIII			310	C	257
PDE	1980	7	29	18	44	24	29.4	N	80.7	E	33	4.4											309	F	12
PDE	1980	7	29	21	57	36.2	29.1	N	81	E	33	4.6	3.9	Z									310	F	20
PDE	1980	7	30	1	0	42.7	29.6	N	80.7	E	33	4.8											309	F	49
PDE	1980	7	30	5	30	48.2	29.4	N	80.8	E	33	4.5											309		5
PDE	1980	7	31	14	22	1.5	29.4	N	80.9	E	33	4.5	4.3	Z									309		13
PDE	1980	8	4	16	52	40.4	29.4	N	80.8	E	33	4.5											309		9
ISC	1980	8	17	14	23	17.6	30.7	N	80.8	E	33												305		5

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
PDE	1980	8	20	1	5	51.3	29.5	N	81.2	E	33	4.3										310		8
PDE	1980	9	8	7	42	7.3	30	N	80.4	E	33	4.5										309		6
PDE	1980	10	10	14	2	26.7	29.2	N	81.2	E	33	5										310		31
PDE	1980	11	18	13	46	22	29.6	N	85.2	E	33	4.7										306		24
NBA	1980	11	19	19	0	44.6	27.4	N	88.8	E	13	6.1	6.1	Z	6.1	PAS			FPS	VII		311	C	232
PDE	1980	11	20	14	3	28.8	29.6	N	85.2	E	33	4.8	3.9	Z								306		17
PDE	1980	11	25	9	27	5.7	27.8	N	85.4	E	33	4										310	F	10
PDE	1980	12	22	4	36	9	26.3	N	89.3	E	33	4.5										315		8
ISC	1980	12	26	5	19	44.9	29.1	N	88.9	E	66	4.5										306		16
PDE	1981	2	9	15	49	22.9	27	N	89.8	E	33	5.1										312	F	52
PDE	1981	3	6	5	58	49.9	29.8	N	80.7	E	43	4.9										309		63
PDE	1981	4	9	17	19	31.3	28	N	84.4	E	33	4.5										310		22
PDE	1981	5	15	17	22	43.6	29.5	N	81.9	E	33	5.1	4.3									310		98
PDE	1981	6	19	10	41	44.4	30.5	N	79.2	E	64	4.4										305		12
ISC	1981	6	21	9	51	3.24	27.2	N	87.1	E	33	4										310		7
ISC	1981	7	1	20	38	11.5	30.8	N	80.3	E	33	4.1										305		8
PDE	1981	9	10	3	47	7.3	29.3	N	81.1	E	33	4.6										310		49
ISC	1981	11	22	18	9	25.7	29.7	N	81.9	E	33											310		7
ISC	1981	12	2	12	46	54.2	30.7	N	79.6	E		3.9										305		6
PDE	1982	1	23	17	37	30.3	31.7	N	82.2	E	33	6	6.5		6.2	PAS						306		217
PDE	1982	1	23	17	48	2.1	31.6	N	82.2	E	33	5.4	6									306		86
PDE	1982	1	23	18	19	46.4	31.6	N	82.3	E	45	5										306		67
PDE	1982	1	23	18	58	36	31.7	N	82.6	E	33	4.2										306		8
PDE	1982	1	23	19	17	8.4	31.6	N	82.4	E	33	4.7										306		20
PDE	1982	1	23	19	52	8.4	31.5	N	82.3	E	33	5										306		58
PDE	1982	1	23	20	43	21.3	31.8	N	82.4	E	33	4.4										306		10
PDE	1982	1	24	3	31	54.1	31.5	N	82.4	E	33	4.6										306		23
PDE	1982	1	24	3	46	7	31.6	N	82.4	E	33	4.5										306		17
ISC	1982	1	24	5	30	16.8	31.7	N	82.7	E	33	4.1										306		7
PDE	1982	1	24	10	3	35.1	31.7	N	82.2	E	33	4.6										306		22
PDE	1982	1	24	10	46	15.1	31.5	N	82.4	E	33	4.4										306		15
PDE	1982	1	24	17	27	49.1	31.6	N	82.4	E	33	4.5										306		15
ISC	1982	1	24	18	12	47.9	31.5	N	82.1	E	0	4.5										306		14
PDE	1982	1	25	17	26	17.5	31.6	N	82.3	E	33	5.1	4.4									306		57
PDE	1982	2	4	6	6	49.8	31.4	N	82.2	E	33	4.6										306		19
ISC	1982	2	6	10	43	43.2	31.4	N	82.3	E	33	4.3										306		9
ISC	1982	2	20	13	21	49.3	27.7	N	85.7	E	33	4.5										310		7
ISC	1982	2	25	19	11	37.4	31.6	N	82.4	E	20	4.3										306		13
PDE	1982	4	5	2	19	44.5	27.4	N	88.9	E	33	5.1	4.7									311	F	100
ISC	1982	5	2	11	31	22.8	29.2	N	81.7	E	0	4.5										310		16

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N	
ISC	1982	5	29	20	29	46.4	28.5	N	83.6	E	33	4.4										310		10	
PDE	1982	6	10	21	27	45.9	31.5	N	82.1	E	33	4.9	4.6										306		42
ISC	1982	6	20	15	29	19.9	26.2	N	90	E	33	4.5	3.6										315		31
ISC	1982	7	6	22	9	28.6	31.3	N	82.3	E	33												306		7
PDE	1982	8	3	8	3	31	27.9	N	85.5	E	33	4.6											310		26
PDE	1982	8	18	18	1	8.3	27.1	N	89.5	E	58	4.6											312		18
PDE	1982	9	9	12	5	30.9	28.6	N	81.1	E	33	4.4	4.2										309		14
ISC	1982	9	9	12	28	58.9	28.7	N	82	E	33	4.5											309		9
PDE	1982	10	16	2	22	56.7	30.3	N	79.1	E	71	4.5											305	F	12
ISC	1982	11	21	8	10	21	28.8	N	81.1	E		4.4											309		
PDE	1982	11	22	13	57	4.2	27.8	N	84.9	E	64	4.2											309	F	8
ISC	1982	12	6	11	52	14.1	29.8	N	80.6	E	0	4.2											309		14
PDE	1982	12	21	12	8	46.6	29.2	N	81.4	E	33	4.7											310		30
PDE	1982	12	21	13	13	46.2	29.3	N	81.4	E	32	4.3											310		19
PDE	1982	12	29	0	9	20.2	30.3	N	79.8	E	33	4.8											305		25
PDE	1983	1	6	20	29	20.3	31.3	N	82.1	E	33	4.7											306		23
PDE	1983	1	27	4	45	40.2	29.1	N	81.4	E	33	4.8											310	F	15
ISC	1983	2	20	10	8	39.3	28.9	N	81.4	E	33												309		9
ISC	1983	3	14	1	22	27.6	30.7	N	84.1	E	0	4.2											306		8
ISC	1983	3	21	7	12	8.15	29.8	N	79.8	E	33												308		12
ISC	1983	5	20	12	52	1.23	30.4	N	79.8	E	33	4.2											305		13
PDE	1983	7	5	17	26	49.2	29.5	N	80.7	E	33	4.6											309		6
ISC	1983	8	10	15	44	46.7	26.8	N	86.6	E	33												309		11
PDE	1983	8	23	22	43	12.2	28	N	85	E	61	4.3											309	F	22
ISC	1983	10	1	1	24	8.49	28.6	N	85.6	E	33												310		7
PDE	1983	11	23	5	5	52.3	30.4	N	83.1	E	33	4.6											306		6
ISC	1983	12	16	15	15	40.1	28.4	N	86.7	E	116	4.2											306		21
PDE	1983	12	23	19	35	43.2	25.4	N	87.6	E	33	4.3											308	F	5
ISC	1983	12	24	4	55	12	28.2	N	79.6	E	33												308		5
PDE	1984	1	6	23	48	8.2	27.8	N	84.7	E	33	4.5											309	F	15
ISC	1984	1	11	14	2	30.5	28.1	N	84.6	E	33												310		14
PDE	1984	1	25	23	49	47.4	27.5	N	86.1	E	33	4.6											310	F	23
PDE	1984	2	19	15	46	25.7	29.9	N	80.5	E	21	5	4.3										309		91
PDE	1984	3	14	1	32	13.9	29.1	N	81.1	E	40	4.9											310		51
PDE	1984	3	23	0	34	8.7	30	N	78.9	E	33	5.1											308		5
ISC	1984	4	5	14	32	57.6	29.4	N	81.1	E	33	4.1											310		8
PDE	1984	4	15	4	56	44.8	31.7	N	82.3	E	33	5	4.4										306		74
PDE	1984	4	22	20	22	37.1	30.6	N	84.2	E	33	4.8											306		15
PDE	1984	5	18	4	28	57.1	29.6	N	81.9	E	33	5.6	4.5										310		145
PDE	1984	5	19	6	36	24.7	29.3	N	81.9	E	45	4.7											310		30

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N	
ISC	1984	5	23	22	25	11	30	N	84.5	E	33											306		11	
PDE	1984	5	30	22	27	26	28.8	N	83.9	E	33	4.5											310		21
ISC	1984	6	14	15	17	16.4	29.2	N	81.3	E	96	4											310		7
ISC	1984	7	18	23	5	28.9	31.1	N	80.4	E	33												306		6
PDE	1984	7	21	20	2	43.1	28.7	N	82.2	E	64	4.3											310		9
PDE	1984	7	29	16	37	8.1	29.4	N	81.8	E	44	4.5											310		12
PDE	1984	9	15	10	15	22.3	29.2	N	81.5	E	33	4.6											310		14
PDE	1984	10	24	8	19	31.3	29.7	N	80.1	E	56	4.2											309		13
PDE	1984	11	18	22	4	32	28.8	N	84.1	E	33	5.3											310		7
PDE	1984	11	23	6	14	18.3	29.4	N	81.6	E	33	4.4											310		7
PDE	1984	11	26	3	35	37.7	30.5	N	79.3	E	33	4.5											305		14
PDE	1984	12	5	14	14	15.7	27.2	N	81.7	E	33	4.7											309		42
PDE	1984	12	18	22	46	57.5	29.4	N	80.9	E	33	4.7											309		9
ISC	1985	1	30	22	8	42	30.5	N	85.5	E	33	4.6											306		11
PDE	1985	2	15	4	54	44	30.1	N	81.6	E	33	4.4											306		18
PDE	1985	2	16	11	16	29.1	30.6	N	85.6	E	33	4.3											306		10
PDE	1985	5	6	20	59	46.3	28.3	N	82.3	E	47	4.5											310		23
ISC	1985	5	25	0	28	18.7	27.6	N	88.5	E	33	4.6											311		14
PDE	1985	6	14	17	19	5.9	29.8	N	79.3	E	33	3.9											308		9
PDE	1985	6	17	4	24	5.1	31.6	N	82.3	E	33	4.6											306		14
PDE	1985	7	12	4	51	15.3	31.7	N	82.4	E	33	4.7											306		27
PDE	1985	7	12	5	45	9.8	31.4	N	82.2	E	33	4.4											306		10
PDE	1985	9	13	5	33	8.1	29.8	N	84.1	E	33	4.5											306		24
PDE	1985	10	2	16	33	50.7	27.1	N	89.7	E	46	4.4											312		14
PDE	1985	10	3	20	23	23.1	29.2	N	83.9	E	14	4.1											310		13
PDE	1985	10	21	8	57	9.1	28.8	N	84	E	33	4.5											310		22
PDE	1985	10	30	20	18	52.4	31.6	N	82.9	E	33	4.6											306		23
PDE	1985	12	23	13	49	44.9	27.6	N	85.7	E	45	4.6											310		21
PDE	1986	1	6	9	50	42.2	27.8	N	85.4	E	34	4.5											310	F	14
PDE	1986	1	7	20	20	1.6	26.9	N	88.3	E	70	5											315		15
PDE	1986	1	10	3	46	29.9	28.6	N	86.5	E	55	5.4	3.6										306	F	155
ISC	1986	2	2	0	13	50.7	27.9	N	86.4	E	33	4.5											310		28
ISC	1986	2	10	12	56	22.6	28.1	N	87.9	E	67	4.7											306		14
PDE	1986	2	27	21	6	36.4	29.1	N	81.1	E	33												310		6
PDE	1986	2	28	20	51	21.6	29.1	N	81.9	E	63	4.6											310		18
ISC	1986	3	13	20	58	43	28.6	N	80.6	E					3.3	ML							309		
PDE	1986	4	12	12	44	0.7	28.8	N	86.5	E	33	4.4											306		6
PDE	1986	9	5	8	34	25.6	29.1	N	85.1	E	33	4.1											306		12
PDE	1986	10	25	21	25	29.7	26.1	N	88.2	E	33												315	F	8
ISC	1986	12	1	19	14	29.3	28.3	N	87.8	E	10												306		19

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
ISC	1986	12	22	14	12	41.5	28.9	N	83	E	10	4.2										310		13
PDE	1987	1	19	7	46	24.4	28.4	N	83.7	E	33	5.2	4.3									310	F	119
PDE	1987	1	19	8	12	5.8	28.2	N	83.6	E	33	4.9										310	F	71
ISC	1987	2	8	16	6	19.9	28.9	N	87.1	E	33											306		18
PDE	1987	2	24	22	17	7.5	29.1	N	81.9	E	112	4.4										310		11
PDE	1987	4	23	9	5	56.9	28	N	87.1	E	48	4.7										310		39
ISC	1987	4	25	22	13	47.1	25.3	N	88.5	E	10											315		8
ISC	1987	4	30	18	30	28.7	28.4	N	85.8	E	33	4.5										310		7
ISC	1987	5	10	4	22	34	29.3	N	81.2	E	33											310		14
PDE	1987	5	10	5	10	40	28.2	N	86.7	E	33	4.6										306		7
PDE	1987	6	6	3	14	24.4	30.6	N	79.3	E	33	4.7										305		25
PDE	1987	6	6	11	2	41.5	30.5	N	79.2	E	44	4.9										305		44
PDE	1987	6	22	23	6	51.7	28.6	N	87.2	E	33	4.1										306		6
PDE	1987	7	23	21	1	45	29.9	N	80.9	E	33	4										309		8
PDE	1987	8	9	21	15		29.5	N	83.7	E	48	5.6	4.8									310		297
PDE	1987	8	21	0	26	7	31.7	N	80.2	E	55	4.7										306		28
PDE	1987	10	19	19	38	31.2	29.5	N	80.7	E	33											309		5
ISC	1987	10	22	21	23	55.6	27.1	N	89.1	E	18	4.2										312		29
PDE	1987	11	25	19	20	39.8	28	N	85.9	E	33	4.6										310		10
ISC	1987	12	6	23	29	43.5	27	N	88.5	E	42											311		11
PDE	1987	12	16	13	56	56.8	29.2	N	82.3	E	33											310		7
ISC	1988	1	19	11	23	51.2	27.8	N	88.8	E	33	4.3										311		11
PDE	1988	1	23	15	37	29.3	29.5	N	81.6	E	33	4.7										310		23
PDE	1988	2	12	1	41	15.1	30.5	N	82.9	E	33	4.6										306		24
PDE	1988	3	13	11	13	49.5	28.9	N	81.4	E	90	4.3										309		11
PDE	1988	3	19	11	24	26.2	29.1	N	81.6	E	90	4.3										310	F	11
ISC	1988	3	27	5	56	29.8	27.1	N	88.4	E	70	4.1										311		16
ISC	1988	3	28	20	52	42.7	30.4	N	79.4	E	33											305		13
PDE	1988	4	9	12	57	55.8	29.8	N	86.9	E	33	4.5										306		22
PDE	1988	4	11	12	11	31	27.5	N	85.9	E	39	4.9										310		26
PDE	1988	4	20	6	40	25.9	27	N	86.7	E	55	5.4										310	F	237
PDE	1988	4	25	16	4	2.7	26.8	N	86.6	E	67	4.8										309		22
PDE	1988	5	2	13	26	19.5	27	N	84.4	E	95	3.8										309		12
ISC	1988	5	5	18	33	25.7	29.5	N	85.6	E	33											306		10
PDE	1988	5	10	7	16	41.7	25.1	N	88.3	E	33											315		6
PDE	1988	5	15	20	23	5.7	29.9	N	80.5	E	26	4.8										309	F	66
ISC	1988	5	23	19	23	20.8	28.5	N	84.7	E	33											310		5
PDE	1988	5	26	16	30	5.7	27.4	N	88.6	E	43	4.7										311	F	25
ISC	1988	5	28	23	13	12.4	28	N	89.7	E	33											312		19
PDE	1988	6	9	12	11	49.8	30.7	N	79.2	E	25	4.8										305		37

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
PDE	1988	6	12	10	15	47.4	28.5	N	82.4	E	33	4.8	4.3									310	F	64
ISC	1988	6	25	10	52	45.4	28.6	N	83.4	E	33	4										310		19
PDE	1988	8	20	21	24	7.9	27.9	N	85.7	E	33											310		4
PDE	1988	8	20	23	9	9.5	26.8	N	86.6	E	57	6.4	6.6		6.8	BRK						309	C	555
PDE	1988	8	20	23	36	54.9	26.8	N	86.6	E	33											309		6
ISC	1988	8	20	23	38	55.7	26.9	N	86.7	E	37											309		18
DMG	1988	8	20	23	39		26.8	N	86.6	E					5	L DMG						309		
PDE	1988	8	21	0	12	31.4	26.8	N	86.6	E	33											309		3
PDE	1988	8	21	0	14	13.7	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	0	36	18.2	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	0	54	56.6	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	1	6	41.8	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	1	9	49.9	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	1	25	12.8	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	1	26	12.6	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	2	0	9.7	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	4	3	22	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	5	42	39.2	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	6	11		26.8	N	86.6	E	33											309		5
PDE	1988	8	21	7	2	6.3	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	7	29	32.4	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	9	25	59.9	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	9	30	12	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	10	20	46.7	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	12	6	44.9	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	12	15	29.3	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	13	18	10.9	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	14	6	57.7	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	14	24	4.1	26.8	N	86.6	E	33											309		5
PDE	1988	8	21	15	9	2.3	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	16	32	59	27.8	N	85.4	E	33											310		4
PDE	1988	8	21	18	58	44.9	26.8	N	86.6	E	33											309		4
PDE	1988	8	21	23	9	8	26.8	N	86.8	E	33											309		10
PDE	1988	8	22	1	4	23.1	26.8	N	86.6	E	33											309		5
PDE	1988	8	22	5	9	1.2	26.8	N	86.6	E	33											309		4
PDE	1988	8	22	6	13	52.3	26.8	N	86.6	E	33											309		4
PDE	1988	8	22	10	13	9.5	26.8	N	86.6	E	33											309		5
PDE	1988	8	22	11	34	33.3	26.7	N	86.9	E	33	4.3			4.5	L DMG						309		7
PDE	1988	8	22	13	36	52.2	26.8	N	86.6	E	33											309		3
PDE	1988	8	22	17	2	17.7	26.8	N	86.6	E	33											309		3

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N	
PDE	1988	8	22	19	1	21.7	26.8	N	86.6	E	33											309		4	
PDE	1988	8	22	23	53	27.9	26.8	N	86.6	E	33												309		5
PDE	1988	8	23	3	3	45.5	26.8	N	86.6	E	33												309		3
PDE	1988	8	23	3	34	37.7	26.8	N	86.6	E	33												309		5
PDE	1988	8	23	3	45	54.5	26.8	N	86.6	E	33												309		5
PDE	1988	8	23	15	53	42.8	26.8	N	86.6	E	33												309		4
PDE	1988	8	23	22	59	25.4	26.8	N	86.6	E	33												309		4
PDE	1988	8	24	9	55	33.6	26.7	N	86.5	E	33	4.7	4.1		4.9	L DMG							309	F	13
ISC	1988	8	29	12	12	17.3	26.4	N	87.5	E	33	4.5			4.3	L DMG							309		17
PDE	1988	9	1	22	4	11.2	26.8	N	86.6	E	33	4.6			4.5	L DMG							309	F	7
PDE	1988	9	2	6	35	33.1	26.6	N	86.5	E	33	4.4			5	L DMG							309		10
PDE	1988	9	21	13	51	14.7	28.7	N	85.6	E	54	4.7											310		34
PDE	1988	9	27	19	10	10.7	27.2	N	88.3	E	33	5	5										311	F	97
PDE	1988	10	29	9	10	52.5	27.9	N	85.6	E	18	5.4	4.8										310	F	193
PDE	1988	11	11	14	14	16.3	27.5	N	86	E	33												310		5
PDE	1988	11	13	2	23	14.5	28.6	N	85.8	E	33												310		5
PDE	1988	11	14	9	3	11.4	30.2	N	82.1	E	101	4.5											306		15
PDE	1988	11	18	9	22	55.1	28.3	N	85.2	E	33												310		5
PDE	1988	11	24	14	26	0.1	29.7	N	80.7	E	33												309		7
PDE	1988	12	2	16	59	13.3	29.6	N	81.2	E	33	4.5											310		17
ISC	1988	12	7	9	6	39.6	31.6	N	83.1	E	33	4.6											306		50
PDE	1988	12	10	15	24	34.6	26.4	N	86.3	E	33												309	F	9
PDE	1988	12	13	6	29	15.8	27.1	N	87.8	E	33	4											310	F	19
PDE	1988	12	15	23	14	24.5	29.1	N	81.6	E	112	4.5											310		18
PDE	1988	12	24	10	51	1.8	29.7	N	83.7	E	31												310		7
ISC	1988	12	24	13	32	21.6	26.9	N	88	E	41	4.4											309		14
PDE	1988	12	27	2	56	3.8	27.9	N	87.8	E	65	4.6											310		20
PDE	1989	1	13	23	9	33.7	30.2	N	83.1	E	33												306		7
PDE	1989	1	19	13	37	3.7	28.5	N	84.2	E	30												310		6
PDE	1989	3	1	22	52	49.5	28.2	N	84	E	33	4.2											310		7
PDE	1989	3	8	7	21	26	28	N	84	E	33	4.5											310		6
ISC	1989	3	16	4	42	32.6	30	N	80.6	E	33												305		10
PDE	1989	4	26	13	40	35.1	27.9	N	85.2	E	33												310		8
PDE	1989	5	5	9	17	17.8	28.8	N	86.7	E	10												306		5
ISC	1989	5	10	23	20	34	27.7	N	87.2	E	33												310		6
PDE	1989	5	22	19	24	34.9	27.2	N	87.9	E	34	5											310	F	97
PDE	1989	5	25	9	34	42.5	29.8	N	83.8	E	33												310		6
ISC	1989	6	12	23	12	19.2	28	N	85.6	E	33												310		5
PDE	1989	8	28	19	8	55.9	29.2	N	80.8	E	33	3.9											309	F	8
PDE	1989	10	10	4	11	0.6	28.7	N	87.5	E	76	4.6											306		16



## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
ISC	1989	10	21	20	20	1.62	28.1	N	82.4	E	33											310		5
ISC	1989	11	19	22	11	34	29	N	89.7	E	33	4.4										306		11
PDE	1990	1	9	2	29	26.6	28.2	N	88.2	E	79	5.5										306	F	265
PDE	1990	1	10	23	1	21.9	26.6	N	86.7	E	69	4.7										309		24
PDE	1990	1	30	15	6	26	28.6	N	85.7	E	52	4.5										310		22
PDE	1990	2	9	15	51	23	29.9	N	80.7	E	33	4.6										309		39
PDE	1990	2	21	7	21	17.3	28.1	N	82.4	E	33	4.8										310	F	14
PDE	1990	2	23	17	51	58.6	28.2	N	84.6	E	33											310		5
PDE	1990	3	1	18	47	26.7	28.5	N	88.6	E	33	4.3										306		9
PDE	1990	5	20	9	10	2.3	28.5	N	83.3	E	33	4.8					4.9					310		60
PDE	1990	5	20	18	1	57.3	28.3	N	83.2	E	62	4.5										310		14
PDE	1990	8	21	17	52	40.9	30.4	N	83.1	E	33											306		6
PDE	1990	8	21	20	13	44.2	30.5	N	82.8	E	33											306		6
PDE	1990	8	23	15	57	23	30.2	N	83.1	E	33											306		6
PDE	1990	8	30	5	5	24.2	29	N	84.4	E	33											306		6
PDE	1990	9	15	6	11	13.7	30.4	N	85.5	E	33	4.3										306		8
PDE	1990	9	21	16	8	20.7	29.7	N	79.8	E	33	5.1										308		57
PDE	1990	10	14	16	13	24	28.8	N	82	E	143	4.3										309		6
PDE	1990	10	21	16	44	31.1	30.5	N	82.2	E	33											306		6
PDE	1990	10	27	15	9	2.8	29.3	N	83.6	E	33											310		6
PDE	1990	10	28	17	14	50.9	30.7	N	81.6	E	33	4.5	4									306		22
PDE	1990	11	23	20	42	23.8	30.5	N	83.2	E	33											306		6
PDE	1990	12	18	2	40	49.7	30.3	N	79.1	E	19	4.9	4.5									305		61
PDE	1990	12	20	17	4	44	28.1	N	82.9	E	67	4.8										310		25
PDE	1991	1	5	14	50	7.2	28.6	N	88.1	E	33											306		6
PDE	1991	2	12	14	2	56.3	30.6	N	79.3	E	33	4.1	3.6				3.7					305		10
PDE	1991	3	4	16	41	25.4	30.8	N	79.2	E	33	3.2										305		6
PDE	1991	3	15	4	28	16.3	28.3	N	87.7	E	43	4.6										306		16
PDE	1991	4	22	8	48	29.9	30.1	N	79.7	E	33	4.6										305		42
PDE	1991	5	18	4	52	19	31.7	N	80.1	E	24	4.6					4.7					306		43
PDE	1991	5	18	6	59	22.1	31.7	N	80.1	E	43	4.5					4.2					306		26
PDE	1991	5	26	5	29	14.8	29.3	N	80.3	E	65	4.5										309		30
PDE	1991	5	27	21	6	57.3	29.3	N	80.3	E	53	4.6	4.3									309		66
PDE	1991	5	28	8	44	35.4	30.2	N	80.4	E	33											305		6
PDE	1991	6	1	2	49	24.7	28.7	N	81.7	E	33	4.3										309		15
PDE	1991	6	10	21	30	11.9	29.3	N	80.3	E	58	4.6										309		25
PDE	1991	8	7	11	36	30.8	25.1	N	88.8	E	33	5										315		10
PDE	1991	8	20	5	6	25.8	30.6	N	79.8	E	33	4.2					4.1					305		9
PDE	1991	9	24	12	42	48.8	30.6	N	82.9	E	33											306		6
PDE	1991	9	25	19	26	49.2	26.7	N	88.4	E	33											315		6

## EARTHQUAKE CATALOGUE

SO	YR	MO	DY	HR	MN	SEC	LAT		LON		Z	Mb	Ms		MAG	1	MAG	2	FPS	INT	AP	FE	C	Q/N
PDE	1991	10	15	19	11	0.9	30.6	N	79.3	E	33	4.5										305		29
PDE	1991	10	19	23	39	41.1	29.9	N	78.9	E	33											308		6
PDE	1991	10	27	13	19	56.1	29.5	N	79	E	33					3.9						308		8
PDE	1991	10	30	13	13	58	26.4	N	88.8	E	33											315		6
PDE	1991	12	9	1	2	46.5	29.5	N	81.6	E	29	5.6	4.6			5.4						310		325
PDE	1991	12	21	19	52	45.5	27.9	N	88.1	E	57	4.9	4.2									311	F	45
PDE	1992	1	30	5	55	48.4	29.2	N	81.2	E	33	4.5										310	F	8
PDE	1992	3	14	12	40	25.5	30.4	N	79	E	33	4.9										308		19
PDE	1992	3	24	19	32	11.8	31.4	N	81.6	E	33	4.9	4.7	Z								306		28
PDE	1992	4	1	13	41	3.96	27.6	N	87.2	E	33	5.1										310	F	9
PDE	1992	4	4	17	43	20.5	28.2	N	88	E	33	4.9	4.6	Z								306	F	50

### DATA SOURCES

PAN	Seismicity of Nepal (A Preliminary Study), Pandey (1983)
OLD	Catalogue of Indian Earthquakes, Oldham (1883)
IND	New catalogue of Earthquakes for the peninsular India, 1839-1900, Srivastava and Ramachandra (1985)
MIL	Catalogue of destructive earthquakes, 1887-1899, Milne, 1911)
G-R	Catalogue of yhypocenters and magnitudes, 1904-1952, Gutenberg and Richter (1954), with revised magnitudes, Richter (1958)
BDA	Catalogue of large earthquakes, 1897-1977, Bath and Duda (1979)
LEE	Catalogue of earthquakes occurring in China, 1177 BC - 1976. Le et al. (1976)
CMO	Seismic moments of major earthquakes and the average rate of slip in Central Asia, Chen & Molnar (1977)
ISS	International Seismological Summaries, 1993-1963
SHL	Shillong, India 1953-1958
BCI	Catalogue of earthquakes listed by the Bureau Central International Seismologique for 1953, 1950-1963
QUE	Quetta, Pakistan 1957-1960
BAR	
MOC	Focal depths and fault plane solutions of earthquakes under the Tibetan plateau, Molnar and Chen (1983)
MFW	
TN2	Focal plane solutions as related to knopwn related faults in and near India, Tandon and Srivastava (1975)
BER	Seismological station at Berkley, USA
	Catalogue of earthquakes located by the NEIC-USGS and its predecessors in the US Coast and Geodatic Survey (USGS) and the Environmental Research Laboratories (ERL) of the US Dept. of Commerce and listed in the Preliminary Determination of Epicemnters -
PDE	MOonthly Listing 1900 - ongonig