

Table 3

## A. Sample Input Catalog

ABE	1899	1124095600.0	0.000	128.000								7.20	Ms	AN2			267	.....	
CGS	1963	0206173548.50	0.000	124.000	139							4.2					269007	.....	
CGS	1963	0218154011.40	0.800	125.100	56							4.3					266012	.....	
ABE	1963	0416012922.0	-1.100	128.000	40							7.00	mB	ABE1	7.20	Ms	ABE1	267	.....
CGS	1963	0416015509.60	-0.800	128.000	20							5.3					267047	.....	
GS	1989	0206120552.65*	-1.369	123.678	97	*	1.27	4.3	3								268	10.....	
GS	1989	0210111524.68	2.305	126.760	44	G	1.34	6.2	68	6.8	Z18	6.60	Ms	BRK	6.40	Ms	PAS	266376.F.F..	

## B. Sample Output Catalog with Computed Uniform Magnitudes

																		<b>C</b>	<b>B</b>	<b>A</b>		
ABE	1899	1124095600.0	0.000	128.000								7.20	Ms	AN2			267	.....	7.20			
CGS	1963	0206173548.50	0.000	124.000	139							.00					269007	.....	4.20			
CGS	1963	0218154011.40	0.800	125.100	56							.00					266012	.....	4.32			
ABE	1963	0416012922.0	-1.100	128.000	40							7.00	mB	ABE1	7.20	Ms	ABE1	267	.....	7.20		
CGS	1963	0416015509.60	-0.800	128.000	20							.00					267047	.....	5.52			
GS	1989	0206120552.65*	-1.369	123.678	97	*	1.27	4.3	3			.00					268	10.....	4.32			
GS	1989	0210111524.68	2.305	126.760	44	G	1.34	6.2	68	6.8	Z18	6.60	Ms	BRK	6.40	Ms	PAS	266376.F.F..	6.40			
1-6	7-11	12-26	27-33	34-41	42-44	45-53	54-56	57-58	59-61	62-64	65-68	69-70	71-75	76-79	80-81	82-115			116-119			
source	year	date/time	latitude	longitude	depth	depth control	m <sub>b</sub>	obs	m <sub>s</sub>	obs	mag-1	scale	obs	mag-2	scale	other/information			uniform mag			

Table 3. A. An example of a typical NEIS earthquake catalog used as input for several of the programs in this system of hazard programs. B. The output form of the catalog with the computed uniform magnitudes appended to the end of each data record. The columns labeled with bold letters **A**, **B**, and **C** indicate the magnitude columns and the order of preference INTY7 follows to convert magnitudes to the uniform magnitude. The last row shows the starting and ending column numbers with a brief description of each of the data fields.