Analysis Tools

X dbloc2

File View   Help

1/01/2006   Next group from   6/05/2006 14:55:32.705   □ unassociated only   6/10/2006

0:00   24:00

Next Previous Regroup From first unassoc After last assoc   Time-window   149   orid # [   ] Find

Arrivals

6/05/2006 (156) 14:55:00.830

MONP   0.351   0.01 P   14:54:55   0.07 S 14:55:00   14:55:05   14:55:10
YAQ   0.615   0.00 P   S -0.366
MTRP   0.672   P 0.067   0.08 S
HWB   0.714   P 0.141   S 0.127
BVDA2 0.776   S 0.448
LVA2   0.824   0.133 P   S 0.093
FRD   0.971   0.066 P   0.141 S
TRO   0.975   0.292 P   S -0.326
BZN   0.983   0.209 P   S 0.102
SND   1.029   0.144 P   0.198 S
WMC   1.063   0.069 P   S 0.058
PFO   1.066   P -0.551   S
CRY   1.071   0.656 P   S -0.732
SMER   1.151   P -0.474   0.489 S
RDM   1.164   0.150 P   S -0.360
KNW   1.207   P   S 0.070
                                                                          S

X-axis Y-axis: order Select All Ignore All Ignore associated Mark associated Unmark Zoom out Original zoom Show Map with reporting stations

Origins: ◆ Mark reviewed   ◇ Leave as-is   ◇ Mark NOT reviewed

orid	Keep	Prefor	Etype	evid	lat	lon	time	depth	dtype	sdobs	auth	nass	ndef	ml	mb ms	algorithm
246265	Keep	◆	-	119628	32.5517	-116.3242	6/05 14:54:53.207	18.7917	f	0.3030	UCSD:vladik	31	31	1.86		locsat:iasp91
246267	Keep	◇	l	119628	32.5172	-116.2817	6/05 14:54:53.090	11.1900		1.4178	cit_10187009	31	33	2.14		hypo71
246266	Keep	◇	l	119628	32.5172	-116.2817	6/05 14:54:53.090	11.1900			cit_10187009	10	0	2.14		hypo71
246268	Keep	◇	-	119628	32.5393	-116.3279	6/05 14:54:53.243	19.6849	f	0.3313	UCSD:vladik	31	31	1.87		dbgenloc:iasp91

Locate   dblocsat2 iasp91   Starting location: Depth 15   □ Fix Depth   Maximum Iterations   View results
         options   Station   Latitude 33.3265   Longitude -116.3655   40

Waveforms   ■ Arrivals ■ Detections ■ Predicted □ Synchronize   Channels First #
                                                                    Closer 1 40 Further Vertical channels Show waveforms Hide waveforms

: rearranging arrivals to show residuals for 246265

Next   Locate   Magnitudes   Associate   Save   Waveforms   Map   Database

Tools

- dbloc2, genloc, locsat, …

- modifications to existing tools?
- missing tools?

Existing tool wishlist

- genloc
  - calculate residuals for non-defining arrivals
  - assoc.wgt: normalize
- dbloc2
  - fix so grassoc works, need grid locations
  - assoc button, pull-down menu: one of the options doesn't work
  - options to:
    - use stn picks within xxx distance
    - use closest x stn picks
    - calculate residuals only for stns beyond these distances

- General
  - Define subregions by lat & lon, rather than by specifying stns