

ALLEGATO N. 3

PARAMETRI DI SCUOTIMENTO SISMICO

ACCELEROGRAMMI DI OUTPUT

ALLEGATO N. 3

PARAMETRI DI SCUOTIMENTO - ACCELEROGRAMMI DI OUTPUT

DGR 564/2021_BEL_01

ID18523_1

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.2375
Time of Max. Aceleration (sec)	12.765
Max. Velocity (cm/sec)	1.76E+01
Time of Max. Velocity (sec)	15.74
Max. Displacement (cm)	2.69615
Time of Max. Displacement (sec)	16.045
Vmax / Amax: (sec)	0.07533
Acceleration RMS: (g)	0.02974
Velocity RMS: (cm/sec)	3.09063
Displacement RMS: (cm)	0.63371
Arias Intensity: (m/sec)	0.65361
Characteristic Intensity (Ic)	0.03552
Specific Energy Density (cm2/sec)	458.06639
Cumulative Absolute Velocity (cm/sec)	736.04856
Acceleration Spectrum Intensity (g*sec)	0.18965
Velocity Spectrum Intensity (cm)	81.46533
Housner Intensity (cm)	71.26631
Sustained Maximum Acceleration (g)	0.16692
Sustained Maximum Velocity (cm/sec)	14.82714
Effective Design Acceleration (g)	0.23746
A95 parameter (g)	0.23571
Predominant Period (sec)	0.3
Mean Period (sec)	0.59221
Significant Duration:	17.66

ID18523_2

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.18442
Time of Max. Aceleration (sec)	3.445
Max. Velocity (cm/sec)	25.89674
Time of Max. Velocity (sec)	3.51
Max. Displacement (cm)	7.7528
Time of Max. Displacement (sec)	3.81
Vmax / Amax: (sec)	0.14314
Acceleration RMS: (g)	0.02365
Velocity RMS: (cm/sec)	3.22713
Displacement RMS: (cm)	1.50011
Arias Intensity: (m/sec)	0.23114
Characteristic Intensity (Ic)	0.01883
Specific Energy Density (cm2/sec)	279.3651
Cumulative Absolute Velocity (cm/sec)	304.2618
Acceleration Spectrum Intensity (g*sec)	0.1471
Velocity Spectrum Intensity (cm)	86.51752
Housner Intensity (cm)	76.30977
Sustained Maximum Acceleration (g)	0.13657
Sustained Maximum Velocity (cm/sec)	11.4091
Effective Design Acceleration (g)	0.18371
A95 parameter (g)	0.18303
Predominant Period (sec)	0.3
Mean Period (sec)	0.682
Significant Duration:	7.37

ID18523_3

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.28369
Time of Max. Aceleration (sec)	11.285
Max. Velocity (cm/sec)	41.52185
Time of Max. Velocity (sec)	11.955
Max. Displacement (cm)	14.99135
Time of Max. Displacement (sec)	11.295
Vmax / Amax: (sec)	0.1492
Acceleration RMS: (g)	0.03414
Velocity RMS: (cm/sec)	8.23996
Displacement RMS: (cm)	5.21444
Arias Intensity: (m/sec)	0.71809
Characteristic Intensity (Ic)	0.03989
Specific Energy Density (cm2/sec)	2714.857
Cumulative Absolute Velocity (cm/sec)	702.1801
Acceleration Spectrum Intensity (g*sec)	0.15017
Velocity Spectrum Intensity (cm)	168.5649
Housner Intensity (cm)	168.26
Sustained Maximum Acceleration (g)	0.16381
Sustained Maximum Velocity (cm/sec)	32.53056
Effective Design Acceleration (g)	0.28378
A95 parameter (g)	0.28298
Predominant Period (sec)	0.56
Mean Period (sec)	1.14343
Significant Duration:	17.47

ID18523_4

Parameter	Corrected Accelerogra
Max. Aceleration (g)	0.31162
Time of Max. Aceleration (sec)	9.42
Max. Velocity (cm/sec)	37.81322
Time of Max. Velocity (sec)	9.26
Max. Displacement (cm)	7.30059
Time of Max. Displacement (sec)	8.82
Vmax / Amax: (sec)	0.12369
Acceleration RMS: (g)	0.03553
Velocity RMS: (cm/sec)	4.82262
Displacement RMS: (cm)	1.49616
Arias Intensity: (m/sec)	0.77789
Characteristic Intensity (Ic)	0.04235
Specific Energy Density (cm2/sec)	929.8404
Cumulative Absolute Velocity (cm/sec)	659.2677
Acceleration Spectrum Intensity (g*sec)	0.22919
Velocity Spectrum Intensity (cm)	143.9511
Housner Intensity (cm)	125.1477
Sustained Maximum Acceleration (g)	0.1405
Sustained Maximum Velocity (cm/sec)	16.32879
Effective Design Acceleration (g)	0.31046
A95 parameter (g)	0.3077
Predominant Period (sec)	0.4
Mean Period (sec)	0.71933
Significant Duration:	8.16

ID18523_5

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.259
Time of Max. Aceleration (sec)	10.705
Max. Velocity (cm/sec)	32.98964
Time of Max. Velocity (sec)	10.61
Max. Displacement (cm)	9.14662
Time of Max. Displacement (sec)	15.265
Vmax / Amax: (sec)	0.12984
Acceleration RMS: (g)	0.02657
Velocity RMS: (cm/sec)	5.48462
Displacement RMS: (cm)	3.44141
Arias Intensity: (m/sec)	0.50035
Characteristic Intensity (Ic)	0.02937
Specific Energy Density (cm2/sec)	1383.27726
Cumulative Absolute Velocity (cm/sec)	589.96211
Acceleration Spectrum Intensity (g*sec)	0.23374
Velocity Spectrum Intensity (cm)	93.10536
Housner Intensity (cm)	91.05429
Sustained Maximum Acceleration (g)	0.158
Sustained Maximum Velocity (cm/sec)	17.78711
Effective Design Acceleration (g)	0.25909
A95 parameter (g)	0.25705
Predominant Period (sec)	0.38
Mean Period (sec)	0.78735
Significant Duration:	16.82

ID18523_6

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.19669
Time of Max. Aceleration (sec)	15.065
Max. Velocity (cm/sec)	25.70267
Time of Max. Velocity (sec)	14.935
Max. Displacement (cm)	7.89408
Time of Max. Displacement (sec)	18.625
Vmax / Amax: (sec)	0.13321
Acceleration RMS: (g)	0.02554
Velocity RMS: (cm/sec)	3.27987
Displacement RMS: (cm)	1.8762
Arias Intensity: (m/sec)	0.46228
Characteristic Intensity (Ic)	0.02768
Specific Energy Density (cm2/sec)	494.6872
Cumulative Absolute Velocity (cm/sec)	520.1033
Acceleration Spectrum Intensity (g*sec)	0.21753
Velocity Spectrum Intensity (cm)	82.98153
Housner Intensity (cm)	71.08597
Sustained Maximum Acceleration (g)	0.173
Sustained Maximum Velocity (cm/sec)	14.6278
Effective Design Acceleration (g)	0.19583
A95 parameter (g)	0.19521
Predominant Period (sec)	0.28
Mean Period (sec)	0.57535
Significant Duration:	11.81

ID18523_7

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.214
Time of Max. Aceleration (sec)	14.25
Max. Velocity (cm/sec)	14.78851
Time of Max. Velocity (sec)	14.16
Max. Displacement (cm)	1.08982
Time of Max. Displacement (sec)	14.26
Vmax / Amax: (sec)	0.07044
Acceleration RMS: (g)	0.01964
Velocity RMS: (cm/sec)	1.27608
Displacement RMS: (cm)	0.49437
Arias Intensity: (m/sec)	0.32686
Characteristic Intensity (Ic)	0.02041
Specific Energy Density (cm2/sec)	89.52865
Cumulative Absolute Velocity (cm/sec)	409.7119
Acceleration Spectrum Intensity (g*sec)	0.18781
Velocity Spectrum Intensity (cm)	51.97055
Housner Intensity (cm)	33.91378
Sustained Maximum Acceleration (g)	0.156
Sustained Maximum Velocity (cm/sec)	9.65083
Effective Design Acceleration (g)	0.20997
A95 parameter (g)	0.21131
Predominant Period (sec)	0.26
Mean Period (sec)	0.37227
Significant Duration:	7.95

VALORI MEDI	
Max. Aceleration (g)	0.241
Time of Max. Aceleration (sec)	10.991
Max. Velocity (cm/sec)	28.038
Time of Max. Velocity (sec)	11.453
Max. Displacement (cm)	7.267
Time of Max. Displacement (sec)	12.589
Vmax / Amax: (sec)	0.118
Acceleration RMS: (g)	0.028
Velocity RMS: (cm/sec)	4.203
Displacement RMS: (cm)	2.094
Arias Intensity: (m/sec)	0.524
Characteristic Intensity (Ic)	0.031
Specific Energy Density (cm2/sec)	907.089
Cumulative Absolute Velocity (cm/sec)	560.219
Acceleration Spectrum Intensity (g*sec)	0.194
Velocity Spectrum Intensity (cm)	101.222
Housner Intensity (cm)	91.005
Sustained Maximum Acceleration (g)	0.156
Sustained Maximum Velocity (cm/sec)	16.737
Effective Design Acceleration (g)	0.240
A95 parameter (g)	0.239
Predominant Period (sec)	0.354
Mean Period (sec)	0.696
Significant Duration (sec):	12.463

ALLEGATO N. 3

PARAMETRI DI SCUOTIMENTO - ACCELEROGRAMMI DI OUTPUT

DGR 564/2021_BEL_02

ID18522_1

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.2645
Time of Max. Aceleration (sec)	12.695
Max. Velocity (cm/sec)	1.81E+01
Time of Max. Velocity (sec)	12.61
Max. Displacement (cm)	2.7308
Time of Max. Displacement (sec)	11.32
Vmax / Amax: (sec)	0.06977
Acceleration RMS: (g)	0.03176
Velocity RMS: (cm/sec)	3.20907
Displacement RMS: (cm)	0.6448
Arias Intensity: (m/sec)	0.74505
Characteristic Intensity (Ic)	0.03918
Specific Energy Density (cm2/sec)	493.74389
Cumulative Absolute Velocity (cm/sec)	784.25268
Acceleration Spectrum Intensity (g*sec)	0.2221
Velocity Spectrum Intensity (cm)	87.06396
Housner Intensity (cm)	75.98982
Sustained Maximum Acceleration (g)	0.19831
Sustained Maximum Velocity (cm/sec)	15.60063
Effective Design Acceleration (g)	0.26404
A95 parameter (g)	0.26251
Predominant Period (sec)	0.3
Mean Period (sec)	0.56694
Significant Duration:	18.63

ID18522_2

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.20685
Time of Max. Aceleration (sec)	3.38
Max. Velocity (cm/sec)	27.83383
Time of Max. Velocity (sec)	3.44
Max. Displacement (cm)	8.0472
Time of Max. Displacement (sec)	3.725
Vmax / Amax: (sec)	0.13716
Acceleration RMS: (g)	0.02614
Velocity RMS: (cm/sec)	3.48297
Displacement RMS: (cm)	1.51433
Arias Intensity: (m/sec)	0.28241
Characteristic Intensity (Ic)	0.02189
Specific Energy Density (cm2/sec)	325.3561
Cumulative Absolute Velocity (cm/sec)	327.1951
Acceleration Spectrum Intensity (g*sec)	0.16613
Velocity Spectrum Intensity (cm)	93.50087
Housner Intensity (cm)	83.35778
Sustained Maximum Acceleration (g)	0.1637
Sustained Maximum Velocity (cm/sec)	13.64325
Effective Design Acceleration (g)	0.20563
A95 parameter (g)	0.2053
Predominant Period (sec)	0.3
Mean Period (sec)	0.65896
Significant Duration:	7.71

ID18522_3

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.30367
Time of Max. Aceleration (sec)	11.195
Max. Velocity (cm/sec)	43.60617
Time of Max. Velocity (sec)	11.84
Max. Displacement (cm)	16.40562
Time of Max. Displacement (sec)	11.195
Vmax / Amax: (sec)	0.14638
Acceleration RMS: (g)	0.0364
Velocity RMS: (cm/sec)	8.47266
Displacement RMS: (cm)	5.16896
Arias Intensity: (m/sec)	0.81608
Characteristic Intensity (Ic)	0.0439
Specific Energy Density (cm2/sec)	2869.642
Cumulative Absolute Velocity (cm/sec)	740.6848
Acceleration Spectrum Intensity (g*sec)	0.16186
Velocity Spectrum Intensity (cm)	177.9806
Housner Intensity (cm)	178.8238
Sustained Maximum Acceleration (g)	0.18628
Sustained Maximum Velocity (cm/sec)	32.49448
Effective Design Acceleration (g)	0.30368
A95 parameter (g)	0.30138
Predominant Period (sec)	0.54
Mean Period (sec)	1.12374
Significant Duration:	9.98

ID18522_4

Parameter	Corrected Accelerogra
Max. Aceleration (g)	0.36419
Time of Max. Aceleration (sec)	9.34
Max. Velocity (cm/sec)	41.03644
Time of Max. Velocity (sec)	9.2
Max. Displacement (cm)	8.22324
Time of Max. Displacement (sec)	8.73
Vmax / Amax: (sec)	0.11486
Acceleration RMS: (g)	0.0418
Velocity RMS: (cm/sec)	5.17781
Displacement RMS: (cm)	1.47128
Arias Intensity: (m/sec)	1.07612
Characteristic Intensity (Ic)	0.05403
Specific Energy Density (cm2/sec)	1071.317
Cumulative Absolute Velocity (cm/sec)	751.5027
Acceleration Spectrum Intensity (g*sec)	0.28741
Velocity Spectrum Intensity (cm)	161.5725
Housner Intensity (cm)	136.9287
Sustained Maximum Acceleration (g)	0.20493
Sustained Maximum Velocity (cm/sec)	20.38991
Effective Design Acceleration (g)	0.36399
A95 parameter (g)	0.36145
Predominant Period (sec)	0.4
Mean Period (sec)	0.65427
Significant Duration:	8.64

ID18522_5

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.293
Time of Max. Aceleration (sec)	10.63
Max. Velocity (cm/sec)	34.68464
Time of Max. Velocity (sec)	10.54
Max. Displacement (cm)	8.60937
Time of Max. Displacement (sec)	15.18
Vmax / Amax: (sec)	0.12067
Acceleration RMS: (g)	0.03009
Velocity RMS: (cm/sec)	5.59425
Displacement RMS: (cm)	3.2274
Arias Intensity: (m/sec)	0.64153
Characteristic Intensity (Ic)	0.03539
Specific Energy Density (cm2/sec)	1439.13065
Cumulative Absolute Velocity (cm/sec)	654.02943
Acceleration Spectrum Intensity (g*sec)	0.27198
Velocity Spectrum Intensity (cm)	104.98766
Housner Intensity (cm)	103.82684
Sustained Maximum Acceleration (g)	0.177
Sustained Maximum Velocity (cm/sec)	18.17177
Effective Design Acceleration (g)	0.29331
A95 parameter (g)	0.29079
Predominant Period (sec)	0.38
Mean Period (sec)	0.73626
Significant Duration:	16.62

ID18522_6

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.23881
Time of Max. Aceleration (sec)	14.93
Max. Velocity (cm/sec)	29.50752
Time of Max. Velocity (sec)	14.865
Max. Displacement (cm)	7.36067
Time of Max. Displacement (sec)	18.67
Vmax / Amax: (sec)	0.12595
Acceleration RMS: (g)	0.02713
Velocity RMS: (cm/sec)	3.34397
Displacement RMS: (cm)	1.78009
Arias Intensity: (m/sec)	0.52164
Characteristic Intensity (Ic)	0.03031
Specific Energy Density (cm2/sec)	514.211
Cumulative Absolute Velocity (cm/sec)	548.7621
Acceleration Spectrum Intensity (g*sec)	0.25183
Velocity Spectrum Intensity (cm)	88.60217
Housner Intensity (cm)	76.37382
Sustained Maximum Acceleration (g)	0.197
Sustained Maximum Velocity (cm/sec)	14.03164
Effective Design Acceleration (g)	0.23955
A95 parameter (g)	0.23701
Predominant Period (sec)	0.26
Mean Period (sec)	0.55536
Significant Duration:	12.71

ID18522_7

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.243
Time of Max. Aceleration (sec)	14.19
Max. Velocity (cm/sec)	15.84348
Time of Max. Velocity (sec)	14.1
Max. Displacement (cm)	1.15739
Time of Max. Displacement (sec)	14.2
Vmax / Amax: (sec)	0.06646
Acceleration RMS: (g)	0.0207
Velocity RMS: (cm/sec)	1.26394
Displacement RMS: (cm)	0.2688
Arias Intensity: (m/sec)	0.3632
Characteristic Intensity (Ic)	0.02209
Specific Energy Density (cm2/sec)	87.83309
Cumulative Absolute Velocity (cm/sec)	454.4794
Acceleration Spectrum Intensity (g*sec)	0.19995
Velocity Spectrum Intensity (cm)	53.95393
Housner Intensity (cm)	34.92693
Sustained Maximum Acceleration (g)	0.168
Sustained Maximum Velocity (cm/sec)	10.14848
Effective Design Acceleration (g)	0.23781
A95 parameter (g)	0.24117
Predominant Period (sec)	0.32
Mean Period (sec)	0.33685
Significant Duration:	9.78

VALORI MEDI	
Max. Aceleration (g)	0.273
Time of Max. Aceleration (sec)	10.909
Max. Velocity (cm/sec)	30.088
Time of Max. Velocity (sec)	10.942
Max. Displacement (cm)	7.505
Time of Max. Displacement (sec)	11.860
Vmax / Amax: (sec)	0.112
Acceleration RMS: (g)	0.031
Velocity RMS: (cm/sec)	4.364
Displacement RMS: (cm)	2.011
Arias Intensity: (m/sec)	0.635
Characteristic Intensity (Ic)	0.035
Specific Energy Density (cm2/sec)	971.605
Cumulative Absolute Velocity (cm/sec)	608.701
Acceleration Spectrum Intensity (g*sec)	0.223
Velocity Spectrum Intensity (cm)	109.666
Housner Intensity (cm)	98.604
Sustained Maximum Acceleration (g)	0.185
Sustained Maximum Velocity (cm/sec)	17.783
Effective Design Acceleration (g)	0.273
A95 parameter (g)	0.271
Predominant Period (sec)	0.357
Mean Period (sec)	0.662
Significant Duration (sec):	12.010

ALLEGATO N. 3

PARAMETRI DI SCUOTIMENTO - ACCELEROGRAMMI DI OUTPUT

DGR 564/2021_BEL_03

ID18300_1

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.24318
Time of Max. Aceleration (sec)	12.885
Max. Velocity (cm/sec)	1.63E+01
Time of Max. Velocity (sec)	14.465
Max. Displacement (cm)	2.65113
Time of Max. Displacement (sec)	13.885
Vmax / Amax: (sec)	0.06818
Acceleration RMS: (g)	0.02869
Velocity RMS: (cm/sec)	3.03032
Displacement RMS: (cm)	0.66913
Arias Intensity: (m/sec)	0.60801
Characteristic Intensity (Ic)	0.03364
Specific Energy Density (cm2/sec)	440.27108
Cumulative Absolute Velocity (cm/sec)	701.23544
Acceleration Spectrum Intensity (g*sec)	0.19817
Velocity Spectrum Intensity (cm)	80.74955
Housner Intensity (cm)	70.76659
Sustained Maximum Acceleration (g)	0.16602
Sustained Maximum Velocity (cm/sec)	14.58196
Effective Design Acceleration (g)	0.24304
A95 parameter (g)	0.24135
Predominant Period (sec)	0.3
Mean Period (sec)	0.59153
Significant Duration:	17.14

ID18300_2

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.17437
Time of Max. Aceleration (sec)	3.565
Max. Velocity (cm/sec)	25.88137
Time of Max. Velocity (sec)	3.63
Max. Displacement (cm)	8.03755
Time of Max. Displacement (sec)	3.94
Vmax / Amax: (sec)	0.1513
Acceleration RMS: (g)	0.02233
Velocity RMS: (cm/sec)	3.1962
Displacement RMS: (cm)	1.55835
Arias Intensity: (m/sec)	0.20607
Characteristic Intensity (Ic)	0.01728
Specific Energy Density (cm2/sec)	273.985
Cumulative Absolute Velocity (cm/sec)	273.9674
Acceleration Spectrum Intensity (g*sec)	0.14183
Velocity Spectrum Intensity (cm)	85.81656
Housner Intensity (cm)	73.83835
Sustained Maximum Acceleration (g)	0.13061
Sustained Maximum Velocity (cm/sec)	9.42638
Effective Design Acceleration (g)	0.17372
A95 parameter (g)	0.17306
Predominant Period (sec)	0.3
Mean Period (sec)	0.70298
Significant Duration:	6.55

ID18300_3

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.25502
Time of Max. Aceleration (sec)	11.4
Max. Velocity (cm/sec)	40.65394
Time of Max. Velocity (sec)	12.04
Max. Displacement (cm)	15.69659
Time of Max. Displacement (sec)	12.575
Vmax / Amax: (sec)	0.1625
Acceleration RMS: (g)	0.03228
Velocity RMS: (cm/sec)	8.2802
Displacement RMS: (cm)	5.72732
Arias Intensity: (m/sec)	0.64199
Characteristic Intensity (Ic)	0.03667
Specific Energy Density (cm2/sec)	2740.754
Cumulative Absolute Velocity (cm/sec)	648.8747
Acceleration Spectrum Intensity (g*sec)	0.13434
Velocity Spectrum Intensity (cm)	169.6482
Housner Intensity (cm)	168.4768
Sustained Maximum Acceleration (g)	0.15689
Sustained Maximum Velocity (cm/sec)	27.57764
Effective Design Acceleration (g)	0.25499
A95 parameter (g)	0.2531
Predominant Period (sec)	0.56
Mean Period (sec)	1.20399
Significant Duration:	16.1

ID18300_4

Parameter	Corrected Accelerogra
Max. Aceleration (g)	0.30751
Time of Max. Aceleration (sec)	9.52
Max. Velocity (cm/sec)	35.30107
Time of Max. Velocity (sec)	9.38
Max. Displacement (cm)	7.03061
Time of Max. Displacement (sec)	8.94
Vmax / Amax: (sec)	0.11702
Acceleration RMS: (g)	0.03522
Velocity RMS: (cm/sec)	4.74555
Displacement RMS: (cm)	1.53694
Arias Intensity: (m/sec)	0.76348
Characteristic Intensity (Ic)	0.04177
Specific Energy Density (cm2/sec)	899.46
Cumulative Absolute Velocity (cm/sec)	633.4163
Acceleration Spectrum Intensity (g*sec)	0.24048
Velocity Spectrum Intensity (cm)	135.8468
Housner Intensity (cm)	120.1144
Sustained Maximum Acceleration (g)	0.15594
Sustained Maximum Velocity (cm/sec)	16.48827
Effective Design Acceleration (g)	0.30724
A95 parameter (g)	0.30364
Predominant Period (sec)	0.4
Mean Period (sec)	0.69426
Significant Duration:	7.24

ID18300_5

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.249
Time of Max. Aceleration (sec)	10.82
Max. Velocity (cm/sec)	30.95322
Time of Max. Velocity (sec)	10.73
Max. Displacement (cm)	10.51016
Time of Max. Displacement (sec)	15.385
Vmax / Amax: (sec)	0.12672
Acceleration RMS: (g)	0.0253
Velocity RMS: (cm/sec)	5.91091
Displacement RMS: (cm)	3.77563
Arias Intensity: (m/sec)	0.45373
Characteristic Intensity (Ic)	0.0273
Specific Energy Density (cm2/sec)	1606.66325
Cumulative Absolute Velocity (cm/sec)	590.50559
Acceleration Spectrum Intensity (g*sec)	0.22893
Velocity Spectrum Intensity (cm)	90.19054
Housner Intensity (cm)	84.65103
Sustained Maximum Acceleration (g)	0.141
Sustained Maximum Velocity (cm/sec)	17.31771
Effective Design Acceleration (g)	0.24921
A95 parameter (g)	0.24713
Predominant Period (sec)	0.36
Mean Period (sec)	0.85138
Significant Duration:	18.46

ID18300_6

Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.21592
Time of Max. Aceleration (sec)	15.125
Max. Velocity (cm/sec)	25.36821
Time of Max. Velocity (sec)	15.045
Max. Displacement (cm)	8.75117
Time of Max. Displacement (sec)	18.72
Vmax / Amax: (sec)	0.11977
Acceleration RMS: (g)	0.02344
Velocity RMS: (cm/sec)	3.38599
Displacement RMS: (cm)	2.0148
Arias Intensity: (m/sec)	0.38938
Characteristic Intensity (Ic)	0.02434
Specific Energy Density (cm2/sec)	527.2162
Cumulative Absolute Velocity (cm/sec)	473.0732
Acceleration Spectrum Intensity (g*sec)	0.21333
Velocity Spectrum Intensity (cm)	83.19064
Housner Intensity (cm)	73.14879
Sustained Maximum Acceleration (g)	0.157
Sustained Maximum Velocity (cm/sec)	14.26547
Effective Design Acceleration (g)	0.21644
A95 parameter (g)	0.21429
Predominant Period (sec)	0.26
Mean Period (sec)	0.59906
Significant Duration:	11.29

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Parameter	Corrected Accelerogram
Max. Aceleration (g)	0.219
Time of Max. Aceleration (sec)	14.37
Max. Velocity (cm/sec)	14.57892
Time of Max. Velocity (sec)	14.28
Max. Displacement (cm)	1.04175
Time of Max. Displacement (sec)	14.38
Vmax / Amax: (sec)	0.06786
Acceleration RMS: (g)	0.01723
Velocity RMS: (cm/sec)	1.11339
Displacement RMS: (cm)	0.17
Arias Intensity: (m/sec)	0.25142
Characteristic Intensity (Ic)	0.01676
Specific Energy Density (cm2/sec)	68.15478
Cumulative Absolute Velocity (cm/sec)	371.0096
Acceleration Spectrum Intensity (g*sec)	0.17294
Velocity Spectrum Intensity (cm)	48.62121
Housner Intensity (cm)	31.10622
Sustained Maximum Acceleration (g)	0.106
Sustained Maximum Velocity (cm/sec)	7.01919
Effective Design Acceleration (g)	0.21603
A95 parameter (g)	0.21735
Predominant Period (sec)	0.32
Mean Period (sec)	0.36757
Significant Duration:	7.59

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Max. Aceleration (g)	0.238
Time of Max. Aceleration (sec)	11.098
Max. Velocity (cm/sec)	27.000
Time of Max. Velocity (sec)	11.367
Max. Displacement (cm)	7.674
Time of Max. Displacement (sec)	12.546
Vmax / Amax: (sec)	0.116
Acceleration RMS: (g)	0.026
Velocity RMS: (cm/sec)	4.238
Displacement RMS: (cm)	2.207
Arias Intensity: (m/sec)	0.473
Characteristic Intensity (Ic)	0.028
Specific Energy Density (cm2/sec)	936.643
Cumulative Absolute Velocity (cm/sec)	527.440
Acceleration Spectrum Intensity (g*sec)	0.190
Velocity Spectrum Intensity (cm)	99.152
Housner Intensity (cm)	88.872
Sustained Maximum Acceleration (g)	0.145
Sustained Maximum Velocity (cm/sec)	15.240
Effective Design Acceleration (g)	0.237
A95 parameter (g)	0.236
Predominant Period (sec)	0.357
Mean Period (sec)	0.716
Significant Duration (sec):	12.053