

**ACUERDO por el que se actualiza la disponibilidad media anual de agua subterránea de los 653 acuíferos de los Estados Unidos Mexicanos, mismos que forman parte de las regiones hidrológico-administrativas que se indican.**

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Medio Ambiente y Recursos Naturales.

BLANCA ELENA JIMÉNEZ CISNEROS, Directora General de la Comisión Nacional del Agua, Órgano Administrativo Desconcentrado de la Secretaría de Medio Ambiente y Recursos Naturales, de conformidad con lo dispuesto en los artículos 32 Bis fracciones III, XXIII y XLII de la Ley Orgánica de la Administración Pública Federal; 1, 2, 4, 7 BIS fracción IV, 9 fracciones I, VI, XVII, XXXII, XXXV, XXXVI, XXXVII, XLV, XLVI y LIV, 12 fracciones I, VIII, XI y XII, 19 BIS, 22 segundo y último párrafos de la Ley de Aguas Nacionales; 23 y 37 del Reglamento de la Ley de Aguas Nacionales; 1, 8 primer párrafo y 13 fracción XIII inciso b) del Reglamento Interior de la Comisión Nacional del Agua, y

**CONSIDERANDO**

Que el artículo 4 de la Ley de Aguas Nacionales, establece que corresponde al Ejecutivo Federal la autoridad y administración en materia de aguas nacionales y sus bienes públicos inherentes, quien las ejercerá directamente o a través de la Comisión Nacional del Agua;

Que el artículo 22 párrafos segundo y último, de la Ley de Aguas Nacionales, señala que para el otorgamiento de una concesión o asignación debe tomarse en consideración la disponibilidad media anual del recurso, misma que la Comisión Nacional del Agua debe publicar y revisar al menos cada tres años conforme a la programación hídrica;

Que la Comisión Nacional del Agua dio a conocer la disponibilidad media anual de agua subterránea con fecha de corte 31 de diciembre de 2015, mediante el "ACUERDO por el que se actualiza la disponibilidad media anual de agua subterránea de los 653 acuíferos de los Estados Unidos Mexicanos, mismos que forman parte de las regiones hidrológico-administrativas que se indican", publicado en el Diario Oficial de la Federación el 04 de enero de 2018;

Que para propiciar la gestión integrada, el uso eficiente, el manejo adecuado y la distribución equitativa de las aguas nacionales, como condiciones para alcanzar un desarrollo sustentable, y para dar cumplimiento a la obligación citada en el segundo de estos considerandos, por medio del presente acuerdo la Comisión Nacional del Agua da a conocer la disponibilidad media anual de las aguas subterráneas de los 653 acuíferos oficialmente reconocidos en los Estados Unidos Mexicanos, con base en la Norma Oficial Mexicana vigente "NOM-011-CONAGUA-2015, Conservación del recurso agua-Que establece las especificaciones y método para determinar la disponibilidad media anual de las aguas nacionales", publicada en el Diario Oficial de la Federación el 27 de marzo de 2015, misma que entró en vigor el 26 de mayo de ese mismo año;

Que los límites de los 653 acuíferos de los Estados Unidos Mexicanos, fueron dados a conocer a través de los siguientes instrumentos jurídicos:

- a) "ACUERDO por el que se da a conocer el resultado de los estudios de disponibilidad media anual de las aguas subterráneas de 50 acuíferos de los Estados Unidos Mexicanos, mismos que forman parte de las regiones hidrológicas que se indican", publicado en el Diario Oficial de la Federación el 13 de agosto de 2007, por el cual se dieron a conocer los límites de 50 acuíferos del país;
- b) "ACUERDO por el que se da a conocer el resultado de los estudios de disponibilidad media anual de las aguas subterráneas de 30 acuíferos de los Estados Unidos Mexicanos, mismos que forman parte de las regiones hidrológicas que se indican", publicado en el Diario Oficial de la Federación el 3 de enero de 2008, por el cual se dieron a conocer los límites de 30 acuíferos más del país, y
- c) "ACUERDO por el que se da a conocer la ubicación geográfica de 371 acuíferos del territorio nacional, se actualiza la disponibilidad media anual de agua subterránea de 282 acuíferos, y se modifica, para su mejor precisión, la descripción geográfica de 202 acuíferos", publicado en el Diario

Oficial de la Federación el 28 de agosto de 2009, por el cual se dieron a conocer los límites de los 573 acuíferos restantes para completar los 653 acuíferos considerados en el presente Acuerdo.

Que las regiones hidrológico-administrativas de las que forman parte los acuíferos materia del presente, se definieron con base en el "ACUERDO por el que se determina la circunscripción territorial de los Organismos de Cuenca de la Comisión Nacional del Agua", publicado en el Diario Oficial de la Federación el 1 de Abril de 2010, he tenido a bien expedir el siguiente:

**ACUERDO POR EL QUE SE ACTUALIZA LA DISPONIBILIDAD MEDIA ANUAL DE AGUA  
SUBTERRÁNEA DE LOS 653 ACUÍFEROS DE LOS ESTADOS UNIDOS MEXICANOS, MISMO QUE  
FORMAN PARTE DE LAS REGIONES HIDROLÓGICO-ADMINISTRATIVAS QUE SE INDICAN**

**ARTÍCULO PRIMERO.-** La disponibilidad media anual de agua de los acuíferos, agrupados por entidad federativa y Región Hidrológico Administrativa a las que corresponden, a la fecha de corte 20 de febrero de 2020, así como los valores de los términos que intervienen en su determinación, se presentan en las tablas siguientes:

| REGIÓN<br>HIDROLÓGICO-<br>ADMINISTRATIVA | ENTIDAD<br>FEDERATIVA | CLAVE | ACUÍFERO                     | R     | DNC  | VEAS                                         |          |          |          | DMA      |                       |
|------------------------------------------|-----------------------|-------|------------------------------|-------|------|----------------------------------------------|----------|----------|----------|----------|-----------------------|
|                                          |                       |       |                              |       |      | VCAS                                         | VEALA    | VAPTYR   | VAPRH    | POSITIVA | NEGATIVA<br>(DÉFICIT) |
|                                          |                       |       |                              |       |      | CIFRAS EN MILLONES DE METROS CUBICOS ANUALES |          |          |          |          |                       |
| I PENÍNSULA DE<br>BAJA CALIFORNIA        | BAJA CALIFORNIA       | 0201  | TIJUANA                      | 19.5  | 4.6  | 14.586500                                    | 0.000000 | 0.000000 | 0.000000 | 0.313500 | 0.000000              |
|                                          |                       | 0202  | TECATE                       | 14.1  | 0.0  | 12.153300                                    | 0.000000 | 0.016622 | 0.000000 | 1.930078 | 0.000000              |
|                                          |                       | 0203  | EL DESCANSO                  | 2.7   | 0.4  | 1.633700                                     | 0.000000 | 0.000000 | 0.000000 | 0.666300 | 0.000000              |
|                                          |                       | 0204  | LOS MÉDANOS                  | 1.8   | 0.1  | 1.037190                                     | 0.000000 | 0.012500 | 0.000000 | 0.650310 | 0.000000              |
|                                          |                       | 0205  | LAS PALMAS                   | 11.2  | 0.0  | 10.182100                                    | 0.000000 | 0.000000 | 0.000000 | 1.017900 | 0.000000              |
|                                          |                       | 0206  | LA MISIÓN                    | 6.5   | 1.0  | 7.621050                                     | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -2.121050             |
|                                          |                       | 0207  | GUADALUPE                    | 18.8  | 0.1  | 37.115100                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -18.415100            |
|                                          |                       | 0208  | OJOS NEGROS                  | 22.3  | 0.0  | 27.046300                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -4.746300             |
|                                          |                       | 0209  | LAGUNA SALADA                | 17.8  | 0.0  | 16.331200                                    | 0.000000 | 0.420913 | 0.000000 | 1.047887 | 0.000000              |
|                                          |                       | 0210  | VALLE DE MEXICALI            | 520.5 | 2.5  | 775.959935                                   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -257.959935           |
| I PENÍNSULA DE<br>BAJA CALIFORNIA        | BAJA CALIFORNIA       | 0211  | ENSENADA                     | 3.7   | 0.0  | 10.775300                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -7.075300             |
|                                          |                       | 0212  | MANEADERO                    | 33.8  | 0.0  | 38.491900                                    | 0.000000 | 0.020150 | 0.000000 | 0.000000 | -4.712050             |
|                                          |                       | 0213  | SANTO TOMÁS                  | 6.5   | 0.2  | 10.920100                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -4.620100             |
|                                          |                       | 0214  | SAN VICENTE                  | 28.0  | 1.4  | 23.690400                                    | 0.000000 | 0.084583 | 0.000000 | 2.825017 | 0.000000              |
|                                          |                       | 0215  | CAÑÓN LA CALENTURA           | 9.9   | 0.6  | 14.551400                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -5.251400             |
|                                          |                       | 0216  | LA TRINIDAD                  | 22.4  | 0.0  | 27.951200                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -5.551200             |
|                                          |                       | 0217  | SAN RAFAEL                   | 12.4  | 0.0  | 42.300200                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -29.900200            |
|                                          |                       | 0218  | SAN TELMO                    | 8.5   | 0.0  | 22.656800                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -14.156800            |
|                                          |                       | 0219  | CAMALÚ                       | 7.8   | 0.0  | 12.134200                                    | 0.000000 | 2.000000 | 0.000000 | 0.000000 | -6.334200             |
|                                          |                       | 0220  | COLONIA VICENTE GUERRERO     | 15.6  | 1.1  | 40.621800                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -26.121800            |
|                                          |                       | 0221  | SAN QUINTÍN                  | 24.3  | 0.0  | 61.002100                                    | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -36.702100            |
|                                          |                       | 0222  | SAN FELIPE-PUNTA ESTRELLA    | 8.0   | 0.3  | 5.513750                                     | 0.000000 | 1.655000 | 0.000000 | 0.531250 | 0.000000              |
|                                          |                       | 0223  | VALLE CHICO-SAN PEDRO MÁRTIR | 13.8  | 0.0  | 11.514300                                    | 0.000000 | 0.400000 | 0.000000 | 1.885700 | 0.000000              |
|                                          |                       | 0224  | EL ROSARIO                   | 5.8   | 0.2  | 5.317010                                     | 0.000000 | 0.000000 | 0.000000 | 0.282990 | 0.000000              |
|                                          |                       | 0225  | BAHÍA DE SAN LUIS GONZAGA    | 5.5   | 2.0  | 0.093526                                     | 0.000000 | 0.001000 | 0.000000 | 3.405474 | 0.000000              |
|                                          |                       | 0226  | BAHÍA DE LOS ÁNGELES         | 1.1   | 0.0  | 0.506165                                     | 0.000000 | 0.000000 | 0.000000 | 0.593835 | 0.000000              |
|                                          |                       | 0227  | VILLA DE JESÚS MARÍA         | 2.3   | 0.1  | 1.480240                                     | 0.000000 | 0.228923 | 0.000000 | 0.490837 | 0.000000              |
|                                          |                       | 0228  | LLANOS DEL BERRENDO          | 21.1  | 10.4 | 0.761171                                     | 0.000000 | 0.000000 | 0.000000 | 9.938829 | 0.000000              |
|                                          |                       | 0229  | JAMAU                        | 6.9   | 0.5  | 0.092825                                     | 0.000000 | 0.000000 | 0.000000 | 6.307175 | 0.000000              |
|                                          |                       | 0230  | SAN FERNANDO-SAN AGUSTÍN     | 3.0   | 0.4  | 1.199320                                     | 0.000000 | 0.000000 | 0.000000 | 1.400680 | 0.000000              |
|                                          |                       | 0231  | SANTA CATARINA               | 0.7   | 0.0  | 0.008418                                     | 0.000000 | 0.460000 | 0.000000 | 0.231582 | 0.000000              |
|                                          |                       | 0232  | PUNTA CANOAS-SAN JOSÉ        | 0.7   | 0.0  | 0.516453                                     | 0.000000 | 0.013973 | 0.000000 | 0.169574 | 0.000000              |
|                                          |                       | 0233  | LAGUNA DE CHAPALA            | 1.2   | 0.6  | 0.006138                                     | 0.000000 | 0.004638 | 0.000000 | 0.589224 | 0.000000              |

|                                |                     |      |                               |       |      |            |          |          |          |          |            |
|--------------------------------|---------------------|------|-------------------------------|-------|------|------------|----------|----------|----------|----------|------------|
|                                |                     | 0234 | LA BACHATA-SANTA ROSALITA     | 0.5   | 0.0  | 0.126038   | 0.000000 | 0.001012 | 0.000000 | 0.372950 | 0.000000   |
|                                |                     | 0235 | NUEVO ROSARITO                | 5.2   | 0.3  | 0.350831   | 0.000000 | 0.000000 | 0.000000 | 4.549169 | 0.000000   |
|                                |                     | 0236 | LA RUMOROSA-TECATE            | 1.8   | 0.0  | 0.705278   | 0.000000 | 0.000000 | 0.000000 | 1.094722 | 0.000000   |
| I PENÍNSULA DE BAJA CALIFORNIA | BAJA CALIFORNIA     | 0237 | EL CHINERO                    | 4.1   | 0.2  | 2.363950   | 0.000000 | 0.000000 | 0.000000 | 1.536050 | 0.000000   |
|                                |                     | 0238 | MATOMI-PUERTECITOS            | 4.8   | 3.3  | 0.023354   | 0.000000 | 0.010000 | 0.000000 | 1.466646 | 0.000000   |
|                                |                     | 0239 | EL HUERFANITO                 | 0.5   | 0.0  | 0.001825   | 0.000000 | 0.000000 | 0.000000 | 0.498175 | 0.000000   |
|                                |                     | 0240 | CALAMAJUÉ                     | 0.1   | 0.0  | 0.000000   | 0.000000 | 0.000000 | 0.000000 | 0.100000 | 0.000000   |
|                                |                     | 0241 | AGUA AMARGA                   | 0.9   | 0.0  | 0.000000   | 0.000000 | 0.000000 | 0.000000 | 0.900000 | 0.000000   |
|                                |                     | 0242 | LA BOCANA-LLANOS DE SAN PEDRO | 4.8   | 0.7  | 0.008760   | 0.000000 | 0.000000 | 0.000000 | 4.091240 | 0.000000   |
|                                |                     | 0243 | SAN RAFAEL-LA PALMA           | 1.0   | 0.4  | 0.005731   | 0.000000 | 0.015506 | 0.000000 | 0.578763 | 0.000000   |
|                                |                     | 0244 | EL PROGRESO-EL BARRIL         | 2.4   | 0.5  | 0.044947   | 0.000000 | 0.000000 | 0.000000 | 1.855053 | 0.000000   |
|                                |                     | 0245 | ROSARITO                      | 6.2   | 0.5  | 4.760680   | 0.000000 | 0.014415 | 0.000000 | 0.924905 | 0.000000   |
|                                |                     | 0246 | SAN SIMÓN                     | 27.2  | 3.3  | 26.842000  | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -2.942000  |
|                                |                     | 0247 | EL SOCORRO                    | 1.9   | 0.2  | 1.098240   | 0.000000 | 0.000000 | 0.000000 | 0.601760 | 0.000000   |
|                                |                     | 0248 | REAL DEL CASTILLO             | 11.7  | 0.0  | 11.106700  | 0.000000 | 0.000000 | 0.000000 | 0.593300 | 0.000000   |
|                                | BAJA CALIFORNIA SUR | 0301 | PUNTA EUGENIA                 | 3.3   | 1.8  | 0.212637   | 0.000000 | 0.001132 | 0.000000 | 1.286231 | 0.000000   |
|                                |                     | 0302 | VIZCAÍNO                      | 41.2  | 3.5  | 37.829400  | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.129400  |
|                                |                     | 0303 | SAN IGNACIO                   | 9.2   | 4.3  | 7.905550   | 0.000000 | 0.010522 | 0.000000 | 0.000000 | -3.016072  |
|                                |                     | 0304 | LA PURÍSIMA                   | 9.7   | 9.0  | 2.234730   | 0.000000 | 0.366000 | 0.000000 | 0.000000 | -1.900730  |
|                                |                     | 0305 | MEZQUITAL SECO                | 2.6   | 0.8  | 1.969070   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.169070  |
|                                |                     | 0306 | SANTO DOMINGO                 | 146.4 | 0.0  | 176.323000 | 0.000000 | 0.107673 | 0.340746 | 0.000000 | -30.371419 |
|                                |                     | 0307 | SANTA RITA                    | 3.2   | 2.0  | 1.208870   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.008870  |
|                                |                     | 0308 | LAS POCITAS-SAN HILARIO       | 7.2   | 0.3  | 2.616890   | 0.000000 | 0.000365 | 0.000000 | 4.282745 | 0.000000   |
|                                |                     | 0309 | EL CONEJO-LOS VIEJOS          | 6.4   | 3.7  | 2.500750   | 0.000000 | 0.000000 | 0.000000 | 0.199250 | 0.000000   |
|                                |                     | 0310 | MELITÓN ALBAÑEZ               | 2.5   | 0.4  | 2.365500   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.265500  |
|                                |                     | 0311 | LA MATANZA                    | 5.1   | 2.6  | 2.343380   | 0.000000 | 0.000000 | 0.000000 | 0.156620 | 0.000000   |
|                                |                     | 0312 | CAÑADA HONDA                  | 2.8   | 1.8  | 0.984017   | 0.000000 | 0.098413 | 0.000000 | 0.000000 | -0.082430  |
|                                |                     | 0313 | TODOS SANTOS                  | 18.4  | 14.7 | 4.297040   | 0.000000 | 0.500000 | 0.000000 | 0.000000 | -1.097040  |
|                                |                     | 0314 | EL PESCADERO                  | 8.3   | 5.1  | 3.017150   | 0.000000 | 0.044844 | 0.000000 | 0.138006 | 0.000000   |
| I PENÍNSULA DE BAJA CALIFORNIA | BAJA CALIFORNIA SUR | 0315 | PLUTARCO ELÍAS CALLES         | 2.8   | 1.8  | 1.001540   | 0.000000 | 0.001800 | 0.000000 | 0.000000 | -0.003340  |
|                                |                     | 0316 | MIGRIÑO                       | 0.9   | 0.6  | 0.286000   | 0.000000 | 0.000000 | 0.000000 | 0.014000 | 0.000000   |
|                                |                     | 0317 | CABO SAN LUCAS                | 2.7   | 2.2  | 5.082180   | 0.000000 | 9.899130 | 0.000000 | 0.000000 | -14.481310 |
|                                |                     | 0318 | CABO PULMO                    | 2.3   | 2.0  | 0.888620   | 0.000000 | 0.726320 | 0.000000 | 0.000000 | -1.314940  |
|                                |                     | 0319 | SAN JOSÉ DEL CABO             | 35.9  | 10.8 | 28.212900  | 0.000000 | 2.143570 | 0.000000 | 0.000000 | -5.256470  |
|                                |                     | 0320 | SANTIAGO                      | 24.5  | 4.6  | 19.163100  | 0.000000 | 0.394656 | 0.000000 | 0.342244 | 0.000000   |
|                                |                     | 0321 | SAN BARTOLO                   | 10.9  | 6.9  | 1.085640   | 0.000000 | 1.090690 | 0.000000 | 1.823670 | 0.000000   |
|                                |                     | 0322 | EL CARRIZAL                   | 14.2  | 0.0  | 13.471500  | 0.000000 | 0.600000 | 0.000000 | 0.128500 | 0.000000   |
|                                |                     | 0323 | LOS PLANES                    | 9.4   | 1.0  | 12.381800  | 0.000000 | 0.717890 | 0.000000 | 0.000000 | -4.699690  |
|                                |                     | 0324 | LA PAZ                        | 27.8  | 0.0  | 29.478300  | 0.000000 | 6.150020 | 0.000000 | 0.000000 | -7.828320  |
|                                |                     | 0325 | EL COYOTE                     | 3.4   | 2.7  | 5.235240   | 0.000000 | 1.573520 | 0.000000 | 0.000000 | -6.108760  |
|                                |                     | 0326 | ALFREDO V. BONFIL             | 4.9   | 0.0  | 2.257990   | 0.000000 | 0.182683 | 0.000000 | 2.459327 | 0.000000   |
|                                |                     | 0327 | TEPENTÚ                       | 3.8   | 2.7  | 0.006000   | 0.000000 | 0.003000 | 0.000000 | 1.091000 | 0.000000   |
|                                |                     | 0328 | LORETO                        | 3.9   | 1.3  | 1.672280   | 0.000000 | 0.007000 | 0.000000 | 0.920720 | 0.000000   |
|                                |                     | 0329 | SAN JUAN B. LONDÓ             | 6.7   | 1.0  | 7.720270   | 0.000000 | 0.327640 | 0.000000 | 0.000000 | -2.347910  |
|                                |                     | 0330 | ROSARITO                      | 2.5   | 2.2  | 0.109320   | 0.000000 | 0.030000 | 0.000000 | 0.160680 | 0.000000   |
|                                |                     | 0331 | BAHÍA CONCEPCIÓN              | 5.7   | 4.9  | 0.036024   | 0.000000 | 0.147000 | 0.000000 | 0.616976 | 0.000000   |
|                                |                     | 0332 | MULEGÉ                        | 10.1  | 3.3  | 5.733530   | 0.000000 | 0.560000 | 0.000000 | 0.506470 | 0.000000   |
|                                |                     | 0333 | SAN MARCOS-PALO VERDE         | 2.4   | 0.5  | 3.367950   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -1.467950  |
|                                |                     | 0334 | SAN BRUNO                     | 1.0   | 0.4  | 1.119020   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.519020  |
|                                |                     | 0335 | SAN LUCAS                     | 0.4   | 0.3  | 0.234830   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.134830  |
|                                |                     | 0336 | SANTA ÁGUEDA                  | 6.1   | 5.9  | 0.396793   | 0.000000 | 0.000000 | 0.000000 | 0.000000 | -0.196793  |
|                                |                     | 0337 | SANTA ROSALÍA                 | 0.9   | 0.8  | 0.053364   | 0.000000 | 0.002470 | 0.000000 | 0.044166 | 0.000000   |
|                                |                     | 0338 | LAS VÍRGENES                  | 4.7   | 0.0  | 0.024524   | 0.000000 | 0.000000 | 0.000000 | 4.675476 | 0.000000   |
|                                |                     | 0339 | PARALELO 28                   | 5.4   | 4.0  | 0.000000   | 0.000000 | 0.000000 | 0.000000 | 1.400000 | 0.000000   |

|             |           |      |                                |       |      |            |           |            |          |           |             |
|-------------|-----------|------|--------------------------------|-------|------|------------|-----------|------------|----------|-----------|-------------|
|             | SONORA    | 2601 | VALLE DE SAN LUIS RÍO COLORADO | 236.8 | 32.5 | 167.656000 | 0.000000  | 130.000000 | 0.000000 | 0.000000  | -93.356000  |
| II NOROESTE | CHIHUAHUA | 0858 | LA NORTEÑA                     | 11.3  | 0.0  | 0.014875   | 0.000000  | 0.000000   | 0.000000 | 11.285125 | 0.000000    |
|             |           | 0859 | MADERA                         | 6.6   | 0.0  | 1.259370   | 1.983530  | 0.450000   | 0.000000 | 2.907100  | 0.000000    |
|             |           | 0860 | GUERRERO-YEPÓMERA              | 146.0 | 0.0  | 134.529000 | 2.537500  | 10.263800  | 0.000000 | 0.000000  | -1.330300   |
|             | SONORA    | 2602 | LOS VIDRIOS                    | 6.7   | 2.0  | 3.666180   | 0.000000  | 0.000000   | 0.000000 | 1.033820  | 0.000000    |
|             |           | 2603 | SONOYTA-PUERTO PEÑASCO         | 41.4  | 15.9 | 109.071000 | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -83.571000  |
|             |           | 2604 | ARROYO SAHUARO                 | 10.9  | 3.3  | 9.087610   | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -1.487610   |
|             |           | 2605 | CABORCA                        | 212.9 | 0.0  | 333.633000 | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -120.733000 |
|             |           | 2606 | LOS CHIRRIONES                 | 30.0  | 2.0  | 28.226500  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -0.226500   |
|             |           | 2607 | ARROYO SECO                    | 32.4  | 0.0  | 32.646800  | 0.000000  | 0.300000   | 0.000000 | 0.000000  | -0.546800   |
|             |           | 2608 | RÍO ALTAR                      | 21.0  | 0.0  | 18.300800  | 0.000000  | 0.001277   | 0.000000 | 2.697923  | 0.000000    |
|             |           | 2609 | BUSANI                         | 15.5  | 0.0  | 18.724000  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -3.224000   |
|             |           | 2610 | COYOTILLO                      | 4.0   | 0.0  | 12.489300  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -8.489300   |
|             |           | 2611 | LA TINAJA                      | 26.1  | 0.0  | 25.023500  | 0.000000  | 0.000000   | 0.000000 | 1.076500  | 0.000000    |
|             |           | 2612 | MAGDALENA                      | 41.3  | 0.0  | 50.667200  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -9.367200   |
|             |           | 2613 | RÍO ALISOS                     | 16.4  | 1.2  | 10.641400  | 0.000000  | 0.282662   | 0.000000 | 4.275938  | 0.000000    |
|             |           | 2614 | COCÓSPERA                      | 15.0  | 3.2  | 6.990870   | 0.000000  | 0.012410   | 0.000000 | 4.796720  | 0.000000    |
|             |           | 2615 | RÍO SANTA CRUZ                 | 38.1  | 2.0  | 33.857700  | 0.000000  | 0.015000   | 0.000000 | 2.227300  | 0.000000    |
|             |           | 2616 | RÍO SAN PEDRO                  | 41.0  | 17.0 | 30.978900  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -6.978900   |
|             |           | 2617 | PUERTO LIBERTAD                | 8.2   | 1.3  | 6.223720   | 0.000000  | 0.650000   | 0.000000 | 0.026280  | 0.000000    |
|             |           | 2618 | ARIVAIPA                       | 15.2  | 0.2  | 14.986300  | 0.000000  | 0.000000   | 0.000000 | 0.013700  | 0.000000    |
|             |           | 2619 | COSTA DE HERMOSILLO            | 250.0 | 0.0  | 346.952000 | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -96.952000  |
|             |           | 2620 | SAHUARAL                       | 58.6  | 0.0  | 69.294400  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -10.694400  |
|             |           | 2621 | MESA DEL SERI-LA VICTORIA      | 73.0  | 16.0 | 104.626000 | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -47.626000  |
|             |           | 2622 | LA POZA                        | 33.8  | 10.0 | 21.733800  | 0.000000  | 0.120000   | 0.000000 | 1.946200  | 0.000000    |
|             |           | 2623 | SANTA ROSALÍA                  | 11.8  | 0.0  | 10.766900  | 0.030304  | 0.704220   | 0.000000 | 0.298576  | 0.000000    |
|             |           | 2624 | RÍO SONORA                     | 66.7  | 0.0  | 62.999800  | 0.060000  | 0.755244   | 0.000000 | 2.884956  | 0.000000    |
| II NOROESTE | SONORA    | 2625 | RÍO SAN MIGUEL                 | 68.7  | 2.2  | 62.209900  | 0.000000  | 1.992470   | 0.000000 | 2.297630  | 0.000000    |
|             |           | 2626 | RÍO ZANJÓN                     | 94.8  | 7.8  | 101.168000 | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -14.168000  |
|             |           | 2627 | RÍO BACOACHI                   | 31.7  | 7.6  | 28.273500  | 0.009180  | 0.000000   | 0.000000 | 0.000000  | -4.182680   |
|             |           | 2628 | RÍO BACANUCHI                  | 19.0  | 6.1  | 12.938900  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -0.038900   |
|             |           | 2629 | RÍO AGUA PRIETA                | 24.1  | 2.5  | 21.297100  | 0.000000  | 0.000000   | 0.000000 | 0.302900  | 0.000000    |
|             |           | 2630 | ARROYO SAN BERNARDINO          | 13.5  | 0.0  | 0.690060   | 0.000000  | 0.242585   | 0.000000 | 12.567355 | 0.000000    |
|             |           | 2631 | RÍO BAVISPE                    | 29.7  | 0.5  | 24.543800  | 3.267200  | 0.353650   | 0.000000 | 1.035350  | 0.000000    |
|             |           | 2632 | RÍO FRONTERA                   | 46.4  | 3.2  | 36.623500  | 0.000000  | 1.356000   | 0.000000 | 5.220500  | 0.000000    |
|             |           | 2633 | RÍO MOCTEZUMA                  | 31.0  | 0.0  | 19.626000  | 10.561100 | 0.000000   | 0.000000 | 0.812900  | 0.000000    |
|             |           | 2634 | RÍO MÁTAPE                     | 16.2  | 0.0  | 10.440800  | 0.426413  | 0.000000   | 0.000000 | 5.332787  | 0.000000    |
|             |           | 2635 | VALLE DE GUAYMAS               | 100.0 | 0.0  | 111.351000 | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -11.351000  |
|             |           | 2636 | SAN JOSÉ DE GUAYMAS            | 4.5   | 0.0  | 18.501400  | 0.000000  | 0.000000   | 0.000000 | 0.000000  | -14.001400  |
|             |           | 2637 | RÍO BACANORA                   | 8.6   | 0.0  | 2.065120   | 2.762390  | 0.000000   | 0.000000 | 3.772490  | 0.000000    |
|             |           | 2638 | RÍO SAHUARIPA                  | 45.9  | 9.5  | 8.423750   | 5.049990  | 0.000000   | 0.000000 | 22.926260 | 0.000000    |
|             |           | 2639 | RÍO TECORIPA                   | 21.3  | 3.8  | 3.885800   | 5.814290  | 0.081875   | 0.000000 | 7.718035  | 0.000000    |
|             |           | 2640 | VALLE DEL YAQUI                | 564.1 | 50.0 | 512.516000 | 0.002738  | 1.385050   | 0.000000 | 0.196212  | 0.000000    |
|             |           | 2641 | COCORAQUE                      | 198.2 | 20.0 | 172.881000 | 4.055900  | 1.432000   | 0.000000 | 0.000000  | -0.168900   |
|             |           | 2642 | VALLE DEL MAYO                 | 370.0 | 78.1 | 279.678000 | 0.076015  | 1.907430   | 0.000000 | 10.238555 | 0.000000    |
|             |           | 2643 | CUCHUJAQUI                     | 49.7  | 19.5 | 4.510600   | 2.251690  | 0.025000   | 0.000000 | 23.412710 | 0.000000    |
|             |           | 2644 | FUERTE-MAYO                    | 18.6  | 2.0  | 7.770240   | 0.022235  | 1.391210   | 0.000000 | 7.416315  | 0.000000    |
|             |           | 2645 | RÍO CHICO                      | 11.7  | 0.0  | 0.410996   | 0.809387  | 0.226000   | 0.000000 | 10.253617 | 0.000000    |
|             |           | 2646 | ROSARIO-TESOPACO-EL QUIRIEGO   | 27.7  | 7.7  | 1.601190   | 0.973790  | 0.311568   | 0.000000 | 17.113452 | 0.000000    |
|             |           | 2647 | ÓNAVAS                         | 6.1   | 2.5  | 0.464696   | 0.252820  | 0.002100   | 0.000000 | 2.880384  | 0.000000    |
|             |           | 2648 | SOYOPA                         | 5.9   | 0.1  | 0.547256   | 2.352370  | 1.233250   | 0.000000 | 1.667124  | 0.000000    |
|             |           | 2649 | YÉCORA                         | 10.7  | 0.0  | 7.158000   | 0.053000  | 0.000000   | 0.000000 | 3.489000  | 0.000000    |
|             |           | 2650 | NOGALES                        | 5.2   | 3.7  | 1.373480   | 0.000000  | 0.000000   | 0.000000 | 0.126520  | 0.000000    |
| II NOROESTE | SONORA    | 2651 | BATEVITO                       | 13.4  | 0.0  | 5.108330   | 0.000000  | 0.000000   | 0.000000 | 8.291670  | 0.000000    |
|             |           | 2652 | VILLA HIDALGO                  | 9.8   | 0.1  | 0.236418   | 0.198296  | 0.665000   | 0.000000 | 8.600286  | 0.000000    |

|                    |                  |      |                               |       |       |            |           |          |          |            |            |
|--------------------|------------------|------|-------------------------------|-------|-------|------------|-----------|----------|----------|------------|------------|
|                    |                  | 2653 | HUÁSABAS                      | 7.3   | 0.0   | 0.794611   | 1.190040  | 0.000000 | 0.000000 | 5.315349   | 0.000000   |
|                    |                  | 2654 | BACADÉHUACHI                  | 10.7  | 0.7   | 1.488850   | 0.353279  | 0.000000 | 0.000000 | 8.157871   | 0.000000   |
|                    |                  | 2655 | NÁCORI CHICO                  | 11.4  | 0.0   | 0.022336   | 2.132480  | 0.000930 | 0.000000 | 9.244254   | 0.000000   |
|                    |                  | 2656 | CUMURIPA                      | 15.6  | 3.7   | 0.451998   | 0.527112  | 0.000000 | 0.000000 | 10.920890  | 0.000000   |
|                    |                  | 2657 | AGUA CALIENTE                 | 9.8   | 0.0   | 0.778775   | 0.198758  | 1.350000 | 0.000000 | 7.472467   | 0.000000   |
|                    |                  | 2658 | SAN BERNARDO                  | 39.7  | 6.5   | 9.660340   | 2.823070  | 2.075580 | 0.000000 | 18.641010  | 0.000000   |
|                    |                  | 2660 | CUITACA                       | 7.4   | 0.7   | 3.016370   | 0.000000  | 0.963632 | 0.000000 | 2.719998   | 0.000000   |
| III PACÍFICO NORTE | DURANGO          | 2661 | CUMPAS                        | 24.3  | 3.7   | 2.871930   | 7.798040  | 0.005000 | 0.000000 | 9.925030   | 0.000000   |
|                    |                  | 1001 | VALLE DE SANTIAGUILLO         | 44.9  | 4.1   | 45.251800  | 69.705700 | 0.172800 | 0.000000 | 0.000000   | -74.330300 |
|                    |                  | 1002 | VALLE DE CANATLÁN             | 38.6  | 0.7   | 45.193500  | 20.574600 | 0.000000 | 0.000000 | 0.000000   | -27.868100 |
|                    |                  | 1003 | VALLE DEL GUADIANA            | 131.9 | 7.4   | 134.395000 | 13.816700 | 0.192000 | 0.000000 | 0.000000   | -23.903700 |
|                    |                  | 1004 | VICENTE GUERRERO-POANAS       | 96.4  | 13.3  | 94.366200  | 29.434500 | 0.000000 | 0.000000 | 0.000000   | -40.700700 |
|                    |                  | 1005 | MADERO-VICTORIA               | 21.7  | 1.3   | 26.187100  | 40.987600 | 0.179910 | 0.000000 | 0.000000   | -46.954610 |
|                    | NAYARIT          | 1017 | VALLE DEL MEZQUITAL           | 1.1   | 0.0   | 1.534220   | 0.320622  | 2.077000 | 0.000000 | 0.000000   | -2.831842  |
|                    |                  | 1801 | VALLE ACAPONETA-CAÑAS         | 30.0  | 10.0  | 22.502700  | 2.903800  | 0.490755 | 0.000000 | 0.000000   | -5.897255  |
|                    | SINALOA          | 1802 | SAN PEDRO-TUXPAN              | 167.5 | 131.5 | 29.704300  | 1.195310  | 1.688400 | 0.000000 | 3.411990   | 0.000000   |
|                    |                  | 2501 | RÍO FUERTE                    | 372.3 | 72.8  | 183.842000 | 8.530600  | 3.911890 | 0.000000 | 103.215510 | 0.000000   |
|                    |                  | 2502 | RÍO SINALOA                   | 448.6 | 141.3 | 287.537000 | 9.090950  | 2.440170 | 0.000000 | 8.231880   | 0.000000   |
|                    |                  | 2503 | RÍO MOCORITO                  | 137.2 | 44.3  | 108.832000 | 4.703590  | 0.322032 | 0.000000 | 0.000000   | -20.957622 |
|                    |                  | 2504 | RÍO CULIACÁN                  | 416.9 | 173.4 | 240.054000 | 41.359800 | 1.763280 | 0.000000 | 0.000000   | -39.677080 |
|                    |                  | 2505 | RÍO SAN LORENZO               | 335.0 | 188.0 | 106.645000 | 23.926200 | 0.710630 | 0.000000 | 15.718170  | 0.000000   |
|                    |                  | 2506 | RÍO ELOTA                     | 45.3  | 1.2   | 10.711600  | 18.680900 | 0.924138 | 0.000000 | 13.783362  | 0.000000   |
|                    |                  | 2507 | RÍO PIAXTLA                   | 51.3  | 2.0   | 22.190200  | 31.472100 | 0.000000 | 0.000000 | 0.000000   | -4.362300  |
| III PACÍFICO NORTE | SINALOA          | 2508 | RÍO QUELITE                   | 17.9  | 0.7   | 5.913760   | 26.692000 | 0.000000 | 0.000000 | 0.000000   | -15.405760 |
|                    |                  | 2509 | RÍO PRESIDIO                  | 163.3 | 65.8  | 80.270200  | 31.677000 | 0.203904 | 0.000000 | 0.000000   | -14.651104 |
|                    |                  | 2510 | RÍO BALUARTE                  | 79.6  | 20.7  | 24.864300  | 66.803800 | 0.000000 | 0.000000 | 0.000000   | -32.768100 |
|                    |                  | 2511 | VALLE DE ESCUINAPA            | 42.7  | 30.0  | 0.797646   | 7.080660  | 0.186905 | 0.000000 | 4.634789   | 0.000000   |
|                    |                  | 2512 | LAGUNA AGUA GRANDE            | 146.7 | 101.6 | 16.384400  | 49.589300 | 0.000000 | 0.000000 | 0.000000   | -20.873700 |
|                    |                  | 2513 | RÍO CAÑAS                     | 90.5  | 75.5  | 15.085800  | 2.820460  | 0.000000 | 0.000000 | 0.000000   | -2.906260  |
|                    | ZACATECAS        | 2514 | EL CARRIZO                    | 160.0 | 136.0 | 2.842380   | 0.000000  | 0.060000 | 0.000000 | 21.097620  | 0.000000   |
|                    |                  | 3201 | SABINAS                       | 13.7  | 2.5   | 10.809400  | 0.000000  | 0.115976 | 0.000000 | 0.274624   | 0.000000   |
| IV BALSAS          | GUERRERO         | 3202 | HIDALGO                       | 7.4   | 0.0   | 4.552150   | 0.000000  | 0.006000 | 0.000000 | 2.841850   | 0.000000   |
|                    |                  | 1201 | TLAPA-HUAMUXTILÁN             | 22.0  | 6.2   | 5.923130   | 0.443141  | 0.084275 | 0.000000 | 9.349454   | 0.000000   |
|                    |                  | 1202 | HUITZUCO                      | 10.1  | 0.0   | 4.466860   | 0.124934  | 0.098777 | 0.000000 | 5.409429   | 0.000000   |
|                    |                  | 1203 | POLONCINGO                    | 37.5  | 14.1  | 2.349170   | 0.000000  | 0.065700 | 0.000000 | 20.985130  | 0.000000   |
|                    |                  | 1204 | BUENAVISTA DE CUÉLLAR         | 40.5  | 13.8  | 0.162131   | 0.049440  | 0.000000 | 0.000000 | 26.488429  | 0.000000   |
|                    |                  | 1205 | IGUALA                        | 20.0  | 0.0   | 16.884700  | 0.140713  | 1.032990 | 0.000000 | 1.941597   | 0.000000   |
|                    |                  | 1206 | CHILAPA                       | 26.1  | 8.6   | 5.427580   | 0.407156  | 0.022118 | 0.000000 | 11.643146  | 0.000000   |
|                    |                  | 1207 | TLACOTEPEC                    | 84.7  | 31.5  | 2.683280   | 0.043631  | 0.000000 | 0.000000 | 50.473089  | 0.000000   |
|                    |                  | 1208 | ALTAMIRANO-CUTZAMALA          | 85.8  | 40.8  | 10.368300  | 1.000000  | 1.630630 | 0.000000 | 32.001070  | 0.000000   |
|                    |                  | 1209 | ARCELIA                       | 31.9  | 19.2  | 1.947580   | 0.418501  | 0.200080 | 0.000000 | 10.133839  | 0.000000   |
|                    |                  | 1210 | PASO DE ARENA                 | 38.8  | 12.5  | 1.674210   | 0.416145  | 0.026542 | 0.000000 | 24.183103  | 0.000000   |
|                    |                  | 1211 | COAHUAYUTLA                   | 20.2  | 2.9   | 0.877367   | 0.000000  | 0.071339 | 0.000000 | 16.351294  | 0.000000   |
|                    |                  | 1212 | EL NARANJITO                  | 35.9  | 22.5  | 4.033710   | 0.000000  | 0.238924 | 0.000000 | 9.127366   | 0.000000   |
|                    | JALISCO          | 1213 | LA UNIÓN                      | 65.6  | 46.6  | 18.975300  | 0.000000  | 0.026956 | 0.000000 | 0.000000   | -0.002256  |
|                    |                  | 1438 | COLOMOS                       | 56.5  | 38.6  | 18.063900  | 0.000000  | 0.150000 | 0.000000 | 0.000000   | -0.313900  |
|                    | ESTADO DE MÉXICO | 1439 | QUITUPÁN                      | 12.2  | 3.4   | 2.586460   | 0.000000  | 0.036288 | 0.000000 | 6.177252   | 0.000000   |
|                    |                  | 1504 | TENANCINGO                    | 128.3 | 112.9 | 16.735200  | 0.000000  | 2.486310 | 0.000000 | 0.000000   | -3.821510  |
|                    |                  | 1505 | VILLA VICTORIA-VALLE DE BRAVO | 334.9 | 331.5 | 3.415330   | 0.000000  | 1.450940 | 0.000000 | 0.000000   | -1.466270  |
|                    |                  | 1509 | TEMASCALTEPEC                 | 100.8 | 94.6  | 1.372420   | 0.000000  | 0.703198 | 0.000000 | 4.124382   | 0.000000   |
| IV BALSAS          | MICHOCÁN         | 1610 | CIUDAD HIDALGO-TUXPAN         | 60.5  | 41.3  | 5.653351   | 0.000000  | 0.272544 | 0.000000 | 13.274105  | 0.000000   |
|                    |                  | 1611 | TACÁMBARO-TURICATO            | 224.0 | 184.3 | 9.093920   | 0.000000  | 0.911421 | 0.000000 | 29.694659  | 0.000000   |
|                    |                  | 1612 | HUETAMO                       | 219.8 | 197.4 | 19.715900  | 0.000000  | 0.014932 | 0.000000 | 2.669168   | 0.000000   |
|                    |                  | 1613 | CHURUMUCO                     | 42.3  | 35.6  | 0.554090   | 0.000000  | 0.018524 | 0.000000 | 6.127386   | 0.000000   |
|                    |                  | 1614 | URUAPAN                       | 97.3  | 29.5  | 28.662100  | 0.000000  | 0.855286 | 0.000000 | 38.282614  | 0.000000   |

|                |          |      |                             |       |       |            |           |           |          |            |            |
|----------------|----------|------|-----------------------------|-------|-------|------------|-----------|-----------|----------|------------|------------|
|                |          | 1615 | LA HUACANA                  | 38.0  | 28.8  | 8.541000   | 0.000000  | 0.000000  | 0.000000 | 0.659000   | 0.000000   |
|                |          | 1616 | NUEVA ITALIA                | 99.2  | 0.3   | 22.452400  | 0.000000  | 1.302710  | 0.000000 | 75.144890  | 0.000000   |
|                |          | 1617 | LÁZARO CÁRDENAS             | 38.1  | 19.5  | 16.050500  | 0.000000  | 0.455187  | 0.000000 | 2.094313   | 0.000000   |
|                |          | 1618 | PLAYA AZUL                  | 34.1  | 19.6  | 6.074460   | 0.000000  | 0.029456  | 0.000000 | 8.396084   | 0.000000   |
|                |          | 1620 | APATZINGÁN                  | 494.4 | 94.7  | 271.292000 | 0.000000  | 4.979980  | 0.000000 | 123.428020 | 0.000000   |
|                |          | 1622 | COTIJA                      | 134.8 | 92.7  | 42.117500  | 0.000000  | 0.000000  | 0.000000 | 0.000000   | -0.017500  |
|                | MORELOS  | 1701 | CUERNAVACA                  | 344.2 | 125.1 | 198.306000 | 0.000000  | 0.446333  | 0.000000 | 20.347667  | 0.000000   |
|                |          | 1702 | CUAUTLA-YAUTEPEC            | 348.6 | 256.0 | 91.714500  | 0.000000  | 1.405300  | 0.000000 | 0.000000   | -0.519800  |
|                |          | 1703 | ZACATEPEC                   | 85.3  | 17.0  | 55.411100  | 0.000000  | 0.981748  | 0.000000 | 11.907152  | 0.000000   |
|                |          | 1704 | TEPALCINGO-AXOCHIAPAN       | 47.4  | 9.5   | 37.404600  | 0.000000  | 0.000000  | 0.000000 | 0.495400   | 0.000000   |
|                | OAXACA   | 2014 | HUAJUAPAN DE LEÓN           | 16.7  | 5.5   | 6.209090   | 3.022180  | 0.000000  | 0.000000 | 1.968730   | 0.000000   |
|                |          | 2015 | TAMAZULAPAN                 | 16.0  | 8.1   | 4.509970   | 0.921305  | 0.000000  | 0.000000 | 2.468725   | 0.000000   |
|                |          | 2017 | JUXTLAHUACA                 | 7.5   | 3.3   | 0.550359   | 1.678480  | 0.000000  | 0.000000 | 1.971161   | 0.000000   |
|                |          | 2023 | MARISCALA                   | 4.7   | 0.0   | 0.907544   | 1.565500  | 0.000000  | 0.000000 | 2.226956   | 0.000000   |
|                | PUEBLA   | 2101 | VALLE DE TECAMACHALCO       | 157.1 | 0.0   | 214.930000 | 0.000000  | 5.401150  | 0.000000 | 0.000000   | -63.231150 |
|                |          | 2102 | LIBRES-ORIENTAL             | 179.3 | 20.0  | 152.970000 | 0.000000  | 4.326480  | 0.000000 | 2.003520   | 0.000000   |
|                |          | 2103 | ATLIXCO-IZÚCAR DE MATAMOROS | 244.3 | 83.9  | 117.915000 | 0.272798  | 4.332810  | 0.000000 | 37.879392  | 0.000000   |
|                |          | 2104 | VALLE DE PUEBLA             | 360.7 | 61.2  | 268.437000 | 0.000000  | 10.395300 | 0.000000 | 20.667700  | 0.000000   |
|                |          | 2106 | IXCAQUITLA                  | 110.3 | 1.3   | 40.897800  | 27.436400 | 2.247830  | 0.000000 | 38.417970  | 0.000000   |
|                | TLAXCALA | 2901 | ALTO ATOYAC                 | 212.4 | 41.0  | 127.743000 | 12.463200 | 1.814850  | 0.000000 | 29.378950  | 0.000000   |
|                |          | 2903 | HUAMANTLA                   | 96.0  | 17.9  | 61.356200  | 0.000000  | 1.055530  | 0.000000 | 15.688270  | 0.000000   |
| IV BALSAS      | TLAXCALA | 2904 | EMILIANO ZAPATA             | 6.0   | 4.9   | 0.486739   | 0.250000  | 0.000000  | 0.000000 | 0.363261   | 0.000000   |
| V PACÍFICO SUR | GUERRERO | 1214 | PANTLA                      | 12.1  | 6.5   | 2.962160   | 0.000000  | 0.029195  | 0.000000 | 2.608645   | 0.000000   |
|                |          | 1215 | IXTAPA                      | 23.9  | 7.2   | 15.866900  | 0.000000  | 0.003686  | 0.000000 | 0.829414   | 0.000000   |
|                |          | 1216 | BAHÍA DE ZIHUATANEJO        | 3.5   | 2.1   | 1.146350   | 0.000000  | 0.000000  | 0.000000 | 0.253650   | 0.000000   |
|                |          | 1217 | COACOYUL                    | 20.2  | 9.5   | 5.516860   | 0.000000  | 0.133677  | 0.000000 | 5.049463   | 0.000000   |
|                |          | 1218 | SAN JERONIMITO              | 23.0  | 1.0   | 14.017900  | 0.000000  | 0.158019  | 0.000000 | 7.824081   | 0.000000   |
|                |          | 1219 | PETATLÁN                    | 57.6  | 39.1  | 16.391200  | 0.000000  | 0.004423  | 0.000000 | 2.104377   | 0.000000   |
|                |          | 1220 | COYUQUILLA                  | 30.4  | 21.4  | 5.592450   | 0.000000  | 0.307541  | 0.000000 | 3.100009   | 0.000000   |
|                |          | 1221 | SAN LUIS                    | 37.5  | 24.1  | 12.828100  | 0.000000  | 0.074580  | 0.000000 | 0.497320   | 0.000000   |
|                |          | 1222 | TECPAN                      | 40.0  | 17.6  | 17.011700  | 0.000000  | 0.439684  | 0.000000 | 4.948616   | 0.000000   |
|                |          | 1223 | ATOYAC                      | 81.9  | 34.9  | 15.651100  | 0.000000  | 2.213090  | 0.000000 | 29.135810  | 0.000000   |
|                |          | 1224 | COYUCA                      | 23.0  | 9.9   | 8.240670   | 0.000000  | 0.047360  | 0.000000 | 4.811970   | 0.000000   |
|                |          | 1225 | CONCHERO                    | 27.9  | 18.8  | 3.178110   | 0.000000  | 0.091607  | 0.000000 | 5.830283   | 0.000000   |
|                |          | 1226 | BAHÍA DE ACAPULCO           | 3.3   | 2.3   | 0.729745   | 0.000000  | 0.007656  | 0.000000 | 0.262599   | 0.000000   |
|                |          | 1227 | LA SABANA                   | 92.0  | 21.2  | 35.276800  | 0.000000  | 0.113273  | 0.000000 | 35.409927  | 0.000000   |
|                |          | 1228 | CHILPANCINGO                | 27.8  | 4.9   | 1.838360   | 0.000000  | 0.333308  | 0.000000 | 20.728332  | 0.000000   |
|                |          | 1229 | TEPECHICOTLÁN               | 36.4  | 15.4  | 2.832150   | 0.374745  | 0.000000  | 0.000000 | 17.793105  | 0.000000   |
|                |          | 1230 | PAPAGAYO                    | 316.9 | 3.0   | 86.837300  | 0.000000  | 0.324896  | 0.000000 | 226.737804 | 0.000000   |
|                |          | 1231 | SAN MARCOS                  | 29.8  | 21.9  | 4.018680   | 0.000000  | 0.285996  | 0.000000 | 3.595324   | 0.000000   |
|                |          | 1232 | NEXPA                       | 43.5  | 30.4  | 3.632990   | 4.206400  | 0.123533  | 0.000000 | 5.137077   | 0.000000   |
|                |          | 1233 | COPALA                      | 19.6  | 10.1  | 1.655950   | 1.018620  | 0.065064  | 0.000000 | 6.760366   | 0.000000   |
|                |          | 1234 | MARQUELIA                   | 22.9  | 11.6  | 2.702520   | 2.708980  | 0.153845  | 0.000000 | 5.734655   | 0.000000   |
|                |          | 1235 | CUAJINICUILAPA              | 180.0 | 30.0  | 17.110700  | 19.505100 | 1.323640  | 0.000000 | 112.060560 | 0.000000   |
|                | OAXACA   | 2004 | JAMILTEPEC                  | 61.5  | 35.0  | 15.144600  | 31.224400 | 0.000000  | 0.000000 | 0.000000   | -19.869000 |
|                |          | 2005 | MAHUATLÁN                   | 42.2  | 29.0  | 4.149340   | 3.703430  | 0.191413  | 0.000000 | 5.155817   | 0.000000   |
|                |          | 2007 | TEHUANTEPEC                 | 103.3 | 43.0  | 38.650100  | 21.184400 | 0.163353  | 0.000000 | 0.302147   | 0.000000   |
| V PACÍFICO SUR | OAXACA   | 2008 | OSTUTA                      | 87.1  | 71.4  | 13.095300  | 24.387700 | 0.088356  | 0.000000 | 0.000000   | -21.871356 |
|                |          | 2009 | RÍO VERDE-EJUTLA            | 12.0  | 1.0   | 5.317160   | 5.995380  | 0.001512  | 0.000000 | 0.000000   | -0.314052  |
|                |          | 2011 | HUATULCO                    | 27.9  | 14.1  | 9.024000   | 1.444910  | 0.504067  | 0.000000 | 2.827023   | 0.000000   |
|                |          | 2016 | NOCHIXTLÁN                  | 68.5  | 31.5  | 9.376710   | 2.768780  | 0.046025  | 0.000000 | 24.808485  | 0.000000   |
|                |          | 2018 | PINOTEPA NACIONAL           | 37.0  | 0.0   | 27.899100  | 28.286200 | 0.000000  | 0.000000 | 0.000000   | -19.185300 |
|                |          | 2019 | CHACAHUA                    | 77.1  | 55.0  | 8.946890   | 9.867920  | 0.241276  | 0.000000 | 3.043914   | 0.000000   |
|                |          | 2020 | SANTIAGO ASTATA             | 7.6   | 0.0   | 5.401910   | 0.717207  | 0.026188  | 0.000000 | 1.454695   | 0.000000   |
|                |          | 2021 | MORRO-MAZATÁN               | 5.7   | 0.0   | 2.049390   | 0.407938  | 0.006719  | 0.000000 | 3.235953   | 0.000000   |
|                |          | 2022 | BAJOS DE CHILA              | 37.9  | 24.6  | 2.276460   | 1.500020  | 0.023070  | 0.000000 | 9.500450   | 0.000000   |

|              |           |      |                             |       |       |            |            |           |          |           |             |
|--------------|-----------|------|-----------------------------|-------|-------|------------|------------|-----------|----------|-----------|-------------|
|              |           | 2024 | COLOTEPEC-TONAMECA          | 61.0  | 36.4  | 4.673420   | 10.759700  | 0.116919  | 0.000000 | 9.049961  | 0.000000    |
|              |           | 2025 | VALLES CENTRALES            | 153.6 | 18.4  | 125.865307 | 0.252241   | 1.172790  | 0.000000 | 7.909662  | 0.000000    |
| VI RÍO BRAVO | COAHUILA  | 0501 | ALLENDE-PIEDRAS NEGRAS      | 496.5 | 274.4 | 156.293000 | 80.352000  | 11.315400 | 9.361350 | 0.000000  | -35.221750  |
|              |           | 0502 | CAÑÓN DEL DERRAMADERO       | 31.6  | 5.1   | 27.741900  | 1.469980   | 0.060600  | 0.000000 | 0.000000  | -2.772480   |
|              |           | 0503 | CERRO COLORADO-LA PARTIDA   | 6.5   | 0.0   | 0.628446   | 0.366899   | 0.000000  | 0.000000 | 5.504655  | 0.000000    |
|              |           | 0504 | CUATROCIÉNEGAS-OCAMPO       | 57.9  | 6.4   | 47.959300  | 21.129800  | 3.023590  | 1.798660 | 0.000000  | -22.411350  |
|              |           | 0506 | EL HUNDIDO                  | 20.1  | 0.0   | 23.066200  | 0.810360   | 1.380000  | 0.000000 | 0.000000  | -5.156560   |
|              |           | 0507 | MONCLOVA                    | 145.1 | 24.9  | 112.276000 | 44.469300  | 0.142402  | 0.000000 | 0.000000  | -36.687702  |
|              |           | 0508 | PAREDÓN                     | 23.6  | 3.3   | 25.453200  | 37.237700  | 0.696000  | 0.000000 | 0.000000  | -43.086900  |
|              |           | 0510 | SALTILLO-RAMOS ARIZPE       | 65.9  | 2.7   | 89.997300  | 26.207100  | 1.203270  | 0.000000 | 0.000000  | -54.207670  |
|              |           | 0511 | REGIÓN MANZANERA-ZAPALINAMÉ | 55.2  | 3.6   | 60.080700  | 29.372800  | 0.562937  | 0.000000 | 0.000000  | -38.416437  |
|              |           | 0512 | REGIÓN CARBONÍFERA          | 84.1  | 39.1  | 35.807800  | 41.224000  | 0.005908  | 0.000000 | 0.000000  | -32.037708  |
|              |           | 0513 | PALESTINA                   | 10.3  | 0.0   | 2.103960   | 1.460430   | 0.000000  | 0.000000 | 6.735610  | 0.000000    |
|              |           | 0514 | HIDALGO                     | 3.8   | 0.0   | 2.236630   | 1.860660   | 0.076991  | 0.000000 | 0.000000  | -0.374281   |
|              |           | 0515 | SANTA FE DEL PINO           | 19.5  | 1.0   | 0.187807   | 2.423220   | 0.000000  | 0.000000 | 15.888973 | 0.000000    |
|              |           | 0517 | LAGUNA EL GUAJE             | 15.8  | 0.1   | 0.154232   | 30.980400  | 0.000000  | 0.000000 | 0.000000  | -15.434632  |
|              |           | 0518 | LAGUNA EL COYOTE            | 13.3  | 0.0   | 0.020763   | 8.280720   | 0.644368  | 0.000000 | 4.354149  | 0.000000    |
| VI RÍO BRAVO | COAHUILA  | 0519 | CASTAÑOS                    | 18.9  | 5.1   | 8.706210   | 8.785140   | 0.000000  | 0.000000 | 0.000000  | -3.691350   |
|              |           | 0522 | PRESA LA AMISTAD            | 22.6  | 10.8  | 1.461060   | 0.762200   | 0.000000  | 0.000000 | 9.576740  | 0.000000    |
|              |           | 0526 | SERRANÍA DEL BURRO          | 11.9  | 0.3   | 0.737682   | 0.171555   | 0.033650  | 0.000000 | 10.657113 | 0.000000    |
|              |           | 0527 | VALLE DE SAN MARCOS         | 10.7  | 0.0   | 0.000000   | 0.630314   | 0.000000  | 0.000000 | 10.069686 | 0.000000    |
|              |           | 0528 | CUATROCIÉNEGAS              | 143.0 | 130.2 | 6.360490   | 7.808260   | 2.630970  | 7.679050 | 0.000000  | -11.678770  |
|              | CHIHUAHUA | 0801 | ASCENSIÓN                   | 132.2 | 0.0   | 237.300000 | 0.000000   | 3.956730  | 0.000000 | 0.000000  | -109.056730 |
|              |           | 0802 | ALTA BABÍCOR                | 46.2  | 5.2   | 23.875900  | 15.901600  | 1.689000  | 0.000000 | 0.000000  | -0.466500   |
|              |           | 0803 | BAJA BABÍCOR                | 90.6  | 0.0   | 103.455000 | 124.529000 | 1.139200  | 0.000000 | 0.000000  | -138.523200 |
|              |           | 0804 | BUENAVENTURA                | 66.5  | 0.0   | 130.936000 | 85.845500  | 0.003066  | 0.000000 | 0.000000  | -150.284566 |
|              |           | 0805 | CUAUHTÉMOC                  | 299.4 | 0.0   | 305.180000 | 0.548420   | 1.319430  | 0.000000 | 0.000000  | -7.647850   |
|              |           | 0806 | CASAS GRANDES               | 180.0 | 0.0   | 198.207000 | 3.023480   | 5.824360  | 0.000000 | 0.000000  | -27.054840  |
|              |           | 0807 | EL SAUZ-ENCINILLAS          | 62.4  | 0.0   | 89.811400  | 28.611100  | 2.635830  | 0.000000 | 0.000000  | -58.658330  |
|              |           | 0808 | JANOS                       | 142.0 | 15.7  | 168.453000 | 0.000000   | 2.325520  | 0.000000 | 0.000000  | -44.478520  |
|              |           | 0809 | LAGUNA DE MEXICANOS         | 35.1  | 0.0   | 37.074400  | 10.561500  | 5.876840  | 0.000000 | 0.000000  | -18.412740  |
|              |           | 0810 | SAMALAYUCA                  | 16.1  | 0.0   | 21.734400  | 7.788830   | 0.240000  | 0.000000 | 0.000000  | -13.663230  |
|              |           | 0811 | LAS PALMAS                  | 4.4   | 0.8   | 3.731910   | 0.000000   | 0.480000  | 0.000000 | 0.000000  | -0.611910   |
|              |           | 0812 | PALOMAS-GUADALUPE VICTORIA  | 15.0  | 2.3   | 16.096100  | 0.000000   | 0.000000  | 0.000000 | 0.000000  | -3.396100   |
|              |           | 0813 | LAGUNA TRES CASTILLOS       | 18.8  | 0.0   | 3.197820   | 65.479100  | 14.407300 | 0.000000 | 0.000000  | -64.284220  |
|              |           | 0814 | LAGUNA DE TARABILLAS        | 36.4  | 0.0   | 19.512900  | 263.080000 | 40.910000 | 0.000000 | 0.000000  | -287.102900 |
|              |           | 0815 | LAGUNA EL DIABLO            | 0.8   | 0.6   | 0.185515   | 0.015512   | 0.000000  | 0.000000 | 0.000000  | -0.001027   |
|              |           | 0816 | ALDAMA-EL CUERVO            | 19.9  | 0.3   | 13.036900  | 0.180000   | 5.635470  | 0.000000 | 0.747630  | 0.000000    |
|              |           | 0817 | LAGUNA DE PATOS             | 11.0  | 0.0   | 10.564500  | 96.544700  | 0.783650  | 0.000000 | 0.000000  | -96.892850  |
|              |           | 0818 | LAGUNA DE SANTA MARÍA       | 45.2  | 3.2   | 33.712300  | 427.466000 | 0.660000  | 0.000000 | 0.000000  | -419.838300 |
|              |           | 0819 | LAGUNA LA VIEJA             | 77.1  | 0.0   | 43.716700  | 236.260000 | 14.160000 | 0.000000 | 0.000000  | -217.036700 |
|              |           | 0820 | IGNACIO ZARAGOZA            | 73.9  | 0.0   | 1.060670   | 5.623480   | 0.000000  | 0.000000 | 67.215850 | 0.000000    |
|              |           | 0821 | FLORES MAGÓN-VILLA AHUMADA  | 137.5 | 0.0   | 246.941000 | 8.077890   | 1.107200  | 0.000000 | 0.000000  | -118.626090 |
| VI RÍO BRAVO | CHIHUAHUA | 0822 | SANTA CLARA                 | 59.2  | 35.8  | 37.211700  | 1.424000   | 1.257030  | 0.000000 | 0.000000  | -16.492730  |
|              |           | 0823 | CONAJOS-MÉDANOS             | 18.8  | 0.0   | 12.985700  | 106.103000 | 1.785900  | 0.000000 | 0.000000  | -102.074600 |
|              |           | 0824 | LAGUNA DE HORMIGAS          | 25.5  | 0.0   | 16.845600  | 262.705000 | 14.905300 | 0.000000 | 0.000000  | -268.955900 |
|              |           | 0825 | EL SABINAL                  | 37.5  | 0.0   | 31.244000  | 6.770480   | 20.096200 | 0.000000 | 0.000000  | -20.610680  |
|              |           | 0826 | LOS LAMENTOS                | 9.7   | 0.0   | 1.928140   | 3.467170   | 4.536000  | 0.000000 | 0.000000  | -0.231310   |
|              |           | 0827 | EL CUARENTA                 | 3.6   | 0.0   | 2.153130   | 9.701100   | 0.810000  | 0.000000 | 0.000000  | -9.064230   |
|              |           | 0828 | LOS MOSCOS                  | 37.7  | 0.0   | 38.466700  | 0.000000   | 0.000000  | 0.000000 | 0.000000  | -0.766700   |
|              |           | 0829 | JOSEFA ORTÍZ DE DOMÍNGUEZ   | 4.9   | 0.0   | 3.813250   | 0.000000   | 0.880000  | 0.000000 | 0.206750  | 0.000000    |
|              |           | 0830 | CHIHUAHUA-SACRAMENTO        | 56.6  | 0.0   | 99.109500  | 25.389900  | 0.816580  | 0.000000 | 0.000000  | -68.715980  |
|              |           | 0831 | MEOQUI-DELICIAS             | 211.2 | 0.0   | 371.612000 | 3.323110   | 1.303250  | 0.000000 | 0.000000  | -165.038360 |

|                                 |            |      |                                 |       |       |            |            |           |          |           |             |
|---------------------------------|------------|------|---------------------------------|-------|-------|------------|------------|-----------|----------|-----------|-------------|
|                                 |            | 0832 | JIMÉNEZ-CAMARGO                 | 173.3 | 5.5   | 309.093000 | 44.949900  | 5.897030  | 0.000000 | 0.000000  | -192.139930 |
|                                 |            | 0833 | VALLE DE JUÁREZ                 | 125.9 | 0.0   | 199.311522 | 3.061820   | 0.257000  | 0.000000 | 0.000000  | -76.730342  |
|                                 |            | 0834 | PARRAL-VALLE DEL VERANO         | 26.7  | 0.0   | 23.197900  | 37.358900  | 0.295036  | 0.000000 | 0.000000  | -34.151836  |
|                                 |            | 0835 | TABALAOA-ALDAMA                 | 76.5  | 4.3   | 64.629100  | 13.743100  | 3.450840  | 0.000000 | 0.000000  | -9.623040   |
|                                 |            | 0836 | ALDAMA-SAN DIEGO                | 62.5  | 1.5   | 80.152400  | 0.318080   | 28.077600 | 0.000000 | 0.000000  | -47.548080  |
|                                 |            | 0837 | BAJO RÍO CONCHOS                | 116.2 | 0.8   | 17.534600  | 15.137800  | 63.093800 | 0.000000 | 19.633800 | 0.000000    |
|                                 |            | 0838 | ALTO RÍO SAN PEDRO              | 56.3  | 29.1  | 19.325900  | 18.314800  | 3.950580  | 0.000000 | 0.000000  | -14.391280  |
|                                 |            | 0839 | MANUEL BENAVIDES                | 23.5  | 0.2   | 0.389747   | 0.000000   | 0.051721  | 0.000000 | 22.858532 | 0.000000    |
|                                 |            | 0840 | VILLALBA                        | 17.5  | 4.4   | 12.327000  | 37.994000  | 6.599750  | 0.000000 | 0.000000  | -43.820750  |
|                                 |            | 0841 | POTRERO DEL LLANO               | 23.7  | 8.5   | 1.390010   | 1.332990   | 6.860000  | 0.000000 | 5.617000  | 0.000000    |
|                                 |            | 0842 | ÁLAMO CHAPO                     | 68.8  | 2.0   | 0.801069   | 2.290990   | 23.706200 | 0.000000 | 40.001741 | 0.000000    |
|                                 |            | 0843 | BOCOYNA                         | 236.7 | 177.5 | 3.794540   | 5.595580   | 0.880037  | 0.000000 | 48.929843 | 0.000000    |
|                                 |            | 0844 | VALLE DE ZARAGOZA               | 104.7 | 101.1 | 5.373870   | 7.149320   | 6.136170  | 0.000000 | 0.000000  | -15.059360  |
|                                 |            | 0845 | SAN FELIPE DE JESÚS             | 69.9  | 52.4  | 0.045088   | 0.759636   | 0.000000  | 0.000000 | 16.695276 | 0.000000    |
|                                 |            | 0846 | CARICHI-NONOAVA                 | 250.0 | 187.5 | 3.094990   | 1.642780   | 0.360102  | 0.000000 | 57.402128 | 0.000000    |
|                                 |            | 0847 | LOS JUNCOS                      | 133.6 | 0.1   | 64.815400  | 766.477000 | 0.000000  | 0.000000 | 0.000000  | -697.792400 |
| VI RÍO BRAVO                    | CHIHUAHUA  | 0848 | LAGUNA DE PALOMAS               | 23.1  | 0.0   | 16.651900  | 0.000000   | 7.569980  | 0.000000 | 0.000000  | -1.121880   |
|                                 |            | 0849 | LLANO DE GIGANTES               | 18.8  | 0.0   | 4.198550   | 45.689600  | 20.463700 | 0.000000 | 0.000000  | -51.551850  |
|                                 |            | 0850 | LAS PAMPAS                      | 12.7  | 0.0   | 0.997000   | 0.042775   | 1.097000  | 0.000000 | 10.563225 | 0.000000    |
|                                 |            | 0851 | RANCHO EL ASTILLERO             | 20.6  | 0.0   | 6.195290   | 4.882510   | 8.064000  | 0.000000 | 1.458200  | 0.000000    |
|                                 |            | 0852 | LAGUNA DE JACO                  | 16.0  | 0.0   | 0.678580   | 3.752370   | 0.900140  | 0.000000 | 10.668910 | 0.000000    |
|                                 |            | 0853 | RANCHO LA GLORIA                | 16.0  | 0.0   | 0.807253   | 0.755180   | 0.369125  | 0.000000 | 14.068442 | 0.000000    |
|                                 |            | 0854 | RANCHO DENTÓN                   | 19.3  | 0.0   | 2.490000   | 0.326834   | 19.110000 | 0.000000 | 0.000000  | -2.626834   |
|                                 |            | 0855 | LAGUNA LOS ALAZANES             | 27.5  | 0.0   | 29.412900  | 22.125800  | 17.033600 | 0.000000 | 0.000000  | -41.072300  |
|                                 |            | 0856 | LAGUNA EL REY                   | 1.0   | 0.0   | 0.416000   | 0.000000   | 0.021500  | 0.000000 | 0.562500  | 0.000000    |
|                                 |            | 0857 | ESCALÓN                         | 15.7  | 8.0   | 5.448510   | 0.069125   | 1.301960  | 0.000000 | 0.880405  | 0.000000    |
|                                 |            | 0861 | VALLE DEL PESO                  | 24.1  | 8.3   | 2.647600   | 0.159250   | 0.004072  | 0.000000 | 12.989078 | 0.000000    |
|                                 | NUEVO LEÓN | 1901 | LAMPAZOS-VILLALDAMA             | 20.5  | 8.0   | 12.399000  | 13.385000  | 0.000000  | 0.000000 | 0.000000  | -13.284000  |
|                                 |            | 1902 | SABINAS-PARÁS                   | 46.0  | 17.7  | 56.767500  | 47.769700  | 0.000000  | 0.000000 | 0.000000  | -76.237200  |
|                                 |            | 1903 | LAMPAZOS-ANÁHUAC                | 66.6  | 18.0  | 4.704750   | 5.932870   | 0.083385  | 0.000000 | 37.878995 | 0.000000    |
|                                 |            | 1905 | AGUALEGUAS-RAMONES              | 35.3  | 0.0   | 13.423200  | 16.936700  | 0.726000  | 0.000000 | 4.214100  | 0.000000    |
|                                 |            | 1906 | ÁREA METROPOLITANA DE MONTERREY | 143.7 | 45.8  | 102.017000 | 7.388160   | 0.007718  | 0.000000 | 0.000000  | -11.512878  |
|                                 |            | 1907 | CAMPO BUENOS AIRES              | 57.0  | 0.0   | 62.800400  | 0.000000   | 0.000000  | 0.000000 | 0.000000  | -5.800400   |
|                                 |            | 1908 | CAMPO MINA                      | 24.0  | 0.0   | 31.550000  | 0.264803   | 0.000000  | 0.000000 | 0.000000  | -7.814803   |
|                                 |            | 1909 | CAMPO DURAZNO                   | 9.6   | 0.0   | 9.018750   | 2.061670   | 0.000000  | 0.000000 | 0.000000  | -1.480420   |
|                                 |            | 1910 | CAMPO TOPO CHICO                | 3.5   | 0.0   | 3.236660   | 0.000000   | 0.000000  | 0.000000 | 0.263340  | 0.000000    |
|                                 |            | 1911 | CAÑÓN DEL HUAJUCO               | 26.8  | 0.0   | 28.701000  | 0.000000   | 0.026200  | 0.000000 | 0.000000  | -1.927200   |
|                                 |            | 1912 | CITRÍCOLA NORTE                 | 336.7 | 7.9   | 243.568000 | 150.601000 | 0.021600  | 0.000000 | 0.000000  | -65.390600  |
|                                 |            | 1913 | CHINA-GENERAL BRAVO             | 23.9  | 0.0   | 9.901880   | 8.455430   | 0.606308  | 0.000000 | 4.936382  | 0.000000    |
|                                 |            | 1914 | CITRÍCOLA SUR                   | 75.1  | 47.1  | 65.948900  | 51.249700  | 0.000000  | 0.000000 | 0.000000  | -89.198600  |
|                                 |            | 1915 | SOTO LA MARINA                  | 84.0  | 73.1  | 9.586700   | 0.202100   | 0.025200  | 0.000000 | 1.086000  | 0.000000    |
|                                 |            | 1916 | NAVIDAD-POTOSÍ-RAÍCES           | 88.8  | 0.0   | 161.516000 | 0.000000   | 0.000000  | 0.000000 | 0.000000  | -72.716000  |
| VI RÍO BRAVO                    | NUEVO LEÓN | 1917 | SANDIA-LA UNIÓN                 | 25.8  | 0.0   | 27.325300  | 8.825110   | 0.000000  | 0.000000 | 0.000000  | -10.350410  |
|                                 |            | 1918 | CAMPO JARITAS                   | 2.9   | 0.0   | 0.000000   | 0.051060   | 0.106000  | 0.000000 | 2.742940  | 0.000000    |
|                                 |            | 1919 | CAMPO CERRITOS                  | 3.0   | 0.0   | 1.528660   | 3.010930   | 0.000000  | 0.000000 | 0.000000  | -1.539590   |
|                                 |            | 1920 | CAMPO PAPAGAYOS                 | 2.5   | 0.0   | 1.699010   | 0.308056   | 0.000000  | 0.000000 | 0.492934  | 0.000000    |
|                                 |            | 1921 | EL PEÑUELO-SAN JOSÉ EL PALMAR   | 9.0   | 0.0   | 0.000000   | 0.000000   | 0.000000  | 0.000000 | 9.000000  | 0.000000    |
|                                 |            | 1922 | SANTA RITA-CRUZ DE ELORZA       | 27.6  | 0.0   | 0.448800   | 0.967545   | 0.000000  | 0.000000 | 26.183655 | 0.000000    |
|                                 |            | 1923 | DOCTOR ARROYO                   | 13.4  | 0.0   | 1.013380   | 0.220752   | 0.000000  | 0.000000 | 12.165868 | 0.000000    |
|                                 |            | 1924 | EL CARMEN-SALINAS-VICTORIA      | 53.9  | 6.2   | 51.191200  | 32.370600  | 0.000000  | 0.000000 | 0.000000  | -35.861800  |
|                                 | TAMAULIPAS | 2801 | BAJO RÍO BRAVO                  | 198.5 | 9.7   | 78.716000  | 8.873130   | 7.422590  | 0.000000 | 93.788280 | 0.000000    |
| VII CUENCAS CENTRALES DEL NORTE | COAHUILA   | 0505 | GENERAL CEPEDA-SAUCEDA          | 113.4 | 30.5  | 75.414100  | 76.370100  | 0.389882  | 0.000000 | 0.000000  | -69.274082  |
|                                 |            | 0509 | LA PAILA                        | 14.7  | 0.0   | 25.347800  | 52.450000  | 0.120000  | 0.000000 | 0.000000  | -63.217800  |
|                                 |            | 0516 | HÉRCULES                        | 5.5   | 0.1   | 0.450980   | 0.571300   | 3.000000  | 0.000000 | 1.377720  | 0.000000    |

|                                 |                 |      |                                 |       |      |            |           |          |           |           |             |
|---------------------------------|-----------------|------|---------------------------------|-------|------|------------|-----------|----------|-----------|-----------|-------------|
|                                 |                 | 0520 | LAGUNA DEL REY-SIERRA MOJADA    | 11.4  | 0.0  | 4.462420   | 10.901900 | 0.000000 | 0.000000  | 0.000000  | -3.964320   |
|                                 |                 | 0521 | SALTILLO SUR                    | 13.4  | 0.0  | 9.565200   | 55.949200 | 0.361825 | 0.000000  | 0.000000  | -52.476225  |
|                                 |                 | 0523 | PRINCIPAL-REGIÓN LAGUNERA       | 534.1 | 0.0  | 659.541000 | 0.095040  | 1.147110 | 22.362700 | 0.000000  | -149.045850 |
|                                 |                 | 0524 | ACATITA                         | 5.6   | 0.2  | 8.473010   | 0.000000  | 0.948000 | 0.000000  | 0.000000  | -4.021010   |
|                                 |                 | 0525 | LAS DELICIAS                    | 6.2   | 0.2  | 5.169270   | 0.000000  | 0.000000 | 0.000000  | 0.830730  | 0.000000    |
|                                 | DURANGO         | 1006 | TEPEHUANES-SANTIAGO             | 38.3  | 0.0  | 5.828800   | 1.517040  | 0.057881 | 0.000000  | 30.896279 | 0.000000    |
|                                 |                 | 1007 | PROVIDENCIA                     | 16.3  | 0.0  | 0.898447   | 0.554750  | 0.000000 | 0.000000  | 14.846803 | 0.000000    |
|                                 |                 | 1008 | CABRERA-OCAMPO                  | 29.9  | 0.0  | 4.671950   | 2.912830  | 0.302375 | 0.000000  | 22.012845 | 0.000000    |
|                                 |                 | 1009 | MATALOTES-EL ORO                | 35.7  | 0.0  | 4.395410   | 4.636200  | 0.106301 | 0.000000  | 26.562089 | 0.000000    |
|                                 |                 | 1010 | SAN JOSÉ DE NAZARENO            | 34.3  | 0.0  | 0.041040   | 0.000000  | 0.001825 | 0.000000  | 34.257135 | 0.000000    |
|                                 |                 | 1011 | GALEANA-QUEMADO                 | 23.4  | 0.0  | 0.227899   | 0.187665  | 0.010015 | 0.000000  | 22.974421 | 0.000000    |
|                                 |                 | 1012 | LA VICTORIA                     | 18.6  | 0.0  | 2.996570   | 0.216000  | 0.000000 | 0.000000  | 15.387430 | 0.000000    |
|                                 |                 | 1013 | BUENOS AIRES                    | 14.9  | 0.0  | 1.447790   | 0.386091  | 0.948000 | 0.000000  | 12.118119 | 0.000000    |
|                                 |                 | 1014 | TORREÓN DE CAÑAS                | 15.2  | 0.0  | 0.827810   | 0.054982  | 0.000000 | 0.000000  | 14.317208 | 0.000000    |
| VII CUENCAS CENTRALES DEL NORTE | DURANGO         | 1015 | SAN FERMÍN                      | 7.5   | 0.0  | 0.773161   | 0.128799  | 0.000000 | 0.000000  | 6.598040  | 0.000000    |
|                                 |                 | 1016 | SAN JUAN DEL RÍO                | 19.1  | 0.0  | 9.348700   | 5.559170  | 0.762725 | 0.000000  | 3.429405  | 0.000000    |
|                                 |                 | 1018 | PEÑÓN BLANCO                    | 27.5  | 15.8 | 6.545040   | 5.219590  | 1.169900 | 0.000000  | 0.000000  | -1.234530   |
|                                 |                 | 1019 | CUAUHTÉMOC                      | 14.9  | 0.0  | 4.358800   | 2.613250  | 1.192950 | 0.000000  | 6.735000  | 0.000000    |
|                                 |                 | 1020 | SANTA CLARA                     | 22.3  | 0.0  | 12.398800  | 3.801890  | 0.267622 | 0.000000  | 5.831688  | 0.000000    |
|                                 |                 | 1021 | PEDRICEÑA-VELARDEÑA             | 10.9  | 0.0  | 11.281000  | 3.696860  | 0.936000 | 0.000000  | 0.000000  | -5.013860   |
|                                 |                 | 1022 | VILLA JUÁREZ                    | 49.7  | 6.9  | 43.373500  | 0.000000  | 0.138888 | 0.776124  | 0.000000  | -1.488512   |
|                                 |                 | 1023 | CEBALLOS                        | 51.6  | 0.0  | 70.898300  | 2.166500  | 1.550000 | 0.000000  | 0.000000  | -23.014800  |
|                                 |                 | 1024 | ORIENTE AGUANAVAL               | 32.3  | 30.0 | 49.012400  | 0.000000  | 2.384420 | 3.141720  | 0.000000  | -52.238540  |
|                                 |                 | 1025 | NAZAS                           | 113.7 | 65.9 | 34.814900  | 0.037000  | 8.881860 | 0.000000  | 4.066240  | 0.000000    |
|                                 |                 | 1026 | VICENTE SUÁREZ                  | 4.8   | 0.0  | 9.365700   | 0.000000  | 1.700000 | 0.000000  | 0.000000  | -6.265700   |
|                                 |                 | 1027 | CABRERA                         | 6.3   | 0.0  | 0.396101   | 0.281709  | 0.000000 | 0.000000  | 5.622190  | 0.000000    |
|                                 |                 | 1028 | LA ZARCA-REVOLUCIÓN             | 32.7  | 0.0  | 4.435030   | 0.931515  | 0.649618 | 0.000000  | 26.683837 | 0.000000    |
|                                 |                 | 1029 | REVOLUCIÓN                      | 6.6   | 0.0  | 2.379790   | 0.508571  | 0.000000 | 0.000000  | 3.711639  | 0.000000    |
|                                 | SAN LUIS POTOSÍ | 2401 | VANEGAS-CATORCE                 | 29.3  | 0.0  | 28.642400  | 5.302600  | 0.000000 | 0.000000  | 0.000000  | -4.645000   |
|                                 |                 | 2402 | EL BARRIL                       | 31.6  | 0.0  | 84.537100  | 8.989120  | 0.120000 | 0.000000  | 0.000000  | -62.046220  |
|                                 |                 | 2403 | SALINAS DE HIDALGO              | 16.7  | 0.0  | 26.541800  | 21.968900 | 0.000000 | 0.000000  | 0.000000  | -31.810700  |
|                                 |                 | 2404 | SANTO DOMINGO                   | 21.4  | 0.0  | 13.855200  | 5.922120  | 0.120000 | 0.000000  | 1.502680  | 0.000000    |
|                                 |                 | 2405 | AHUALULCO                       | 10.9  | 0.0  | 17.211700  | 0.002866  | 0.000000 | 0.000000  | 0.000000  | -6.314566   |
|                                 |                 | 2406 | VILLA DE ARRIAGA                | 4.8   | 0.0  | 1.777070   | 1.502650  | 0.000000 | 0.000000  | 1.520280  | 0.000000    |
|                                 |                 | 2407 | CEDRAL-MATEHUALA                | 17.5  | 1.3  | 18.482500  | 0.000821  | 0.000000 | 0.000000  | 0.000000  | -2.283321   |
|                                 |                 | 2408 | VILLA DE ARISTA                 | 48.2  | 0.0  | 101.587000 | 0.858448  | 0.000000 | 0.000000  | 0.000000  | -54.245448  |
|                                 |                 | 2409 | VILLA HIDALGO                   | 20.6  | 0.0  | 9.198750   | 2.165050  | 0.056062 | 0.000000  | 9.180138  | 0.000000    |
|                                 |                 | 2411 | SAN LUIS POTOSÍ                 | 78.1  | 0.0  | 137.322000 | 0.001040  | 0.000000 | 0.000000  | 0.000000  | -59.223040  |
|                                 |                 | 2412 | JARAL DE BERRIOS-VILLA DE REYES | 132.1 | 1.3  | 129.344000 | 0.000000  | 3.492460 | 0.000000  | 0.000000  | -2.036460   |
|                                 |                 | 2413 | MATEHUALA-HUIZACHE              | 31.5  | 0.0  | 46.317100  | 26.096500 | 0.124416 | 0.000000  | 0.000000  | -41.038016  |
| VII CUENCAS CENTRALES DEL NORTE | ZACATECAS       | 3210 | BENITO JUÁREZ                   | 18.1  | 0.0  | 21.486500  | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -3.386500   |
|                                 |                 | 3214 | AGUANAVAL                       | 84.5  | 0.0  | 167.839000 | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -83.339000  |
|                                 |                 | 3215 | ÁBREGO                          | 20.0  | 3.2  | 19.657000  | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -2.857000   |
|                                 |                 | 3216 | SAIN ALTO                       | 17.3  | 0.1  | 14.388600  | 0.000000  | 1.576570 | 0.000000  | 1.234830  | 0.000000    |
|                                 |                 | 3217 | EL PALMAR                       | 72.3  | 0.0  | 72.692900  | 0.000000  | 0.936075 | 0.000000  | 0.000000  | -1.328975   |
|                                 |                 | 3218 | CEDROS                          | 42.0  | 0.0  | 41.335400  | 0.000000  | 0.160000 | 0.000000  | 0.504600  | 0.000000    |
|                                 |                 | 3219 | EL SALVADOR                     | 6.5   | 1.7  | 1.896820   | 0.000000  | 0.030500 | 0.000000  | 2.872680  | 0.000000    |
|                                 |                 | 3220 | GUADALUPE GARZARÓN              | 19.6  | 0.0  | 20.057300  | 0.000000  | 0.298406 | 0.000000  | 0.000000  | -0.755706   |
|                                 |                 | 3221 | CAMACHO                         | 3.8   | 0.0  | 1.420450   | 0.000000  | 0.000000 | 0.000000  | 2.379550  | 0.000000    |
|                                 |                 | 3222 | EL CARDITO                      | 20.5  | 2.3  | 10.987900  | 0.000000  | 0.934371 | 0.000000  | 6.277729  | 0.000000    |
|                                 |                 | 3223 | GUADALUPE DE LAS CORRIENTES     | 32.8  | 0.0  | 43.151300  | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -10.351300  |
|                                 |                 | 3224 | PUERTO MADERO                   | 16.5  | 0.0  | 25.239000  | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -8.739000   |
|                                 |                 | 3225 | CALERA                          | 91.1  | 1.2  | 162.425000 | 0.000000  | 0.048000 | 0.000000  | 0.000000  | -72.573000  |
|                                 |                 | 3226 | CHUPADEROS                      | 86.6  | 0.0  | 186.720000 | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -100.120000 |
|                                 |                 | 3227 | GUADALUPE BAÑUELOS              | 12.1  | 0.0  | 12.554100  | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -0.454100   |
|                                 |                 | 3228 | LA BLANCA                       | 19.0  | 0.0  | 29.008000  | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -10.008000  |
|                                 |                 | 3229 | LORETO                          | 32.7  | 0.0  | 81.653700  | 0.000000  | 0.000000 | 0.000000  | 0.000000  | -48.953700  |

|                              |                |      |                             |       |      |            |          |          |          |            |             |
|------------------------------|----------------|------|-----------------------------|-------|------|------------|----------|----------|----------|------------|-------------|
|                              |                | 3230 | VILLA HIDALGO               | 41.0  | 0.0  | 52.173400  | 0.000000 | 0.000000 | 0.000000 | 0.000000   | -11.173400  |
|                              |                | 3231 | PINOS                       | 18.0  | 0.0  | 14.268900  | 0.000000 | 0.030000 | 0.000000 | 3.701100   | 0.000000    |
|                              |                | 3232 | ESPIRITU SANTO              | 9.0   | 0.0  | 8.748220   | 0.000000 | 0.067907 | 0.000000 | 0.183873   | 0.000000    |
|                              |                | 3233 | PINO SUÁREZ                 | 23.5  | 9.4  | 1.393240   | 0.000000 | 0.000000 | 0.000000 | 12.706760  | 0.000000    |
|                              |                | 3234 | SALDAÑA                     | 1.1   | 0.0  | 0.160398   | 0.000000 | 0.042000 | 0.000000 | 0.897602   | 0.000000    |
| VIII LERMA SANTIAGO PACÍFICO | AGUASCALIENTES | 0101 | VALLE DE AGUASCALIENTES     | 249.6 | 2.4  | 340.370000 | 0.000000 | 7.256050 | 0.000000 | 0.000000   | -100.426050 |
|                              |                | 0102 | VALLE DE CHICALOTE          | 35.0  | 0.0  | 46.338000  | 0.000000 | 0.567013 | 0.000000 | 0.000000   | -11.905013  |
|                              |                | 0103 | EL LLANO                    | 15.0  | 3.0  | 17.764400  | 0.000000 | 0.000000 | 0.000000 | 0.000000   | -5.764400   |
|                              |                | 0104 | VENADERO                    | 1.9   | 0.9  | 1.596850   | 0.000000 | 0.000000 | 0.000000 | 0.000000   | -0.596850   |
| VIII LERMA SANTIAGO PACÍFICO | AGUASCALIENTES | 0105 | VALLE DE CALVILLO           | 25.0  | 2.0  | 40.909700  | 0.000000 | 0.000000 | 0.000000 | 0.000000   | -17.909700  |
|                              | COLIMA         | 0601 | COLIMA                      | 86.7  | 12.2 | 71.134100  | 0.000000 | 0.552165 | 0.000000 | 2.813735   | 0.000000    |
|                              |                | 0603 | ARMERÍA-TECOMÁN-PERIQUELLOS | 230.0 | 20.0 | 210.338000 | 0.000000 | 0.098575 | 0.000000 | 0.000000   | -0.436575   |
|                              |                | 0605 | VENUSTIANO CARRANZA         | 37.0  | 17.0 | 15.239000  | 0.000000 | 0.956312 | 0.000000 | 3.804688   | 0.000000    |
|                              |                | 0607 | EL COLOMO                   | 43.0  | 18.0 | 17.851500  | 0.000000 | 0.327143 | 0.000000 | 6.821357   | 0.000000    |
|                              |                | 0608 | JALIPA-TAPEIXTLÉS           | 10.8  | 3.0  | 8.872660   | 0.000000 | 0.239760 | 0.000000 | 0.000000   | -1.312420   |
|                              |                | 0609 | SANTIAGO-SALAGUA            | 24.6  | 6.1  | 21.543200  | 0.000000 | 0.030000 | 0.000000 | 0.000000   | -3.073200   |
|                              |                | 0610 | LA CENTRAL-PEÑA BLANCA      | 9.5   | 2.0  | 3.365290   | 0.000000 | 1.440790 | 0.000000 | 2.693920   | 0.000000    |
|                              |                | 0612 | MARABASCO                   | 28.6  | 9.6  | 17.373700  | 0.000000 | 0.294281 | 0.000000 | 1.332019   | 0.000000    |
|                              |                | 0613 | MINATITLÁN                  | 10.1  | 1.7  | 8.390000   | 0.000000 | 0.000000 | 0.000000 | 0.010000   | 0.000000    |
|                              |                | 0614 | VALLE DE IXTLAHUACÁN        | 15.4  | 1.8  | 13.107200  | 0.000000 | 0.642912 | 0.000000 | 0.000000   | -0.150112   |
|                              |                | 0615 | ALZADA-TEPAMES              | 24.4  | 9.3  | 14.506600  | 0.000000 | 0.229625 | 0.000000 | 0.363775   | 0.000000    |
|                              | GUANAJUATO     | 1101 | XICHÚ-ATARJEÁ               | 40.3  | 31.5 | 4.791910   | 0.000000 | 0.150669 | 0.000000 | 3.857421   | 0.000000    |
|                              |                | 1103 | OCAMPO                      | 6.4   | 0.2  | 1.624210   | 0.000000 | 0.028835 | 0.000000 | 4.546955   | 0.000000    |
|                              |                | 1104 | LAGUNA SECA                 | 128.5 | 0.0  | 156.439000 | 0.000000 | 3.907080 | 0.000000 | 0.000000   | -31.846080  |
|                              |                | 1106 | DR. MORA-SAN JOSÉ ITURBIDE  | 38.4  | 0.0  | 65.163700  | 0.000000 | 0.255883 | 0.000000 | 0.000000   | -27.019583  |
|                              |                | 1107 | SAN MIGUEL DE ALLENDE       | 28.6  | 6.5  | 31.527400  | 0.000000 | 0.476610 | 0.000000 | 0.000000   | -9.904010   |
|                              |                | 1108 | CUENCA ALTA DEL RÍO LAJA    | 139.7 | 0.0  | 200.415000 | 0.000000 | 1.743940 | 0.000000 | 0.000000   | -62.458940  |
|                              |                | 1110 | SILAO-ROMITA                | 280.0 | 0.0  | 164.482000 | 0.000000 | 0.709837 | 0.000000 | 114.808163 | 0.000000    |
|                              |                | 1111 | LA MURALLA                  | 34.8  | 5.0  | 41.396100  | 0.000000 | 0.000000 | 0.000000 | 0.000000   | -11.596100  |
|                              |                | 1113 | VALLE DE LEÓN               | 124.5 | 0.0  | 175.902000 | 0.000000 | 0.474100 | 0.000000 | 0.000000   | -51.876100  |
|                              |                | 1114 | RÍO TURBIO                  | 110.0 | 0.0  | 161.933000 | 0.000000 | 1.422000 | 0.000000 | 0.000000   | -53.355000  |
|                              |                | 1115 | VALLE DE CELAYA             | 317.1 | 3.3  | 427.139000 | 0.000000 | 1.970690 | 0.000000 | 0.000000   | -115.309690 |
|                              |                | 1116 | VALLE DE LA CUEVITA         | 9.9   | 0.3  | 9.606890   | 0.000000 | 0.058263 | 0.000000 | 0.000000   | -0.065153   |
|                              |                | 1117 | VALLE DE ACÁMBARO           | 118.5 | 1.1  | 91.857000  | 0.000000 | 0.404160 | 0.000000 | 25.138840  | 0.000000    |
|                              |                | 1118 | SALVATIERRA-ACÁMBARO        | 28.4  | 0.0  | 68.161600  | 0.000000 | 0.100018 | 0.000000 | 0.000000   | -39.861618  |
| VIII LERMA SANTIAGO PACÍFICO | GUANAJUATO     | 1119 | IRAPUATO-VALLE              | 507.8 | 28.3 | 544.840000 | 0.000000 | 1.759310 | 0.000000 | 0.000000   | -67.099310  |
|                              |                | 1120 | PÉNJAMO-ABASOLO             | 225.0 | 0.0  | 351.751000 | 0.000000 | 1.453100 | 0.000000 | 0.000000   | -128.204100 |
|                              |                | 1121 | LAGO DE CUITZEO             | 13.7  | 5.0  | 5.973210   | 0.000000 | 0.000000 | 0.000000 | 2.726790   | 0.000000    |
|                              |                | 1122 | CIÉNEGA PRIETA-MOROLEÓN     | 85.0  | 9.0  | 93.432500  | 0.000000 | 2.114030 | 0.000000 | 0.000000   | -19.546530  |
|                              | JALISCO        | 1401 | ATEMAJAC                    | 147.3 | 25.7 | 132.088000 | 0.000000 | 1.550310 | 0.000000 | 0.000000   | -12.038310  |
|                              |                | 1402 | TOLUQUILLA                  | 49.1  | 2.4  | 121.989000 | 0.000000 | 0.364523 | 0.000000 | 0.000000   | -75.653523  |
|                              |                | 1403 | CAJITILÁN                   | 47.6  | 0.5  | 62.148800  | 0.000000 | 1.169050 | 0.000000 | 0.000000   | -16.217850  |
|                              |                | 1404 | PONCITLÁN                   | 33.8  | 4.4  | 31.095700  | 0.000000 | 0.001715 | 0.000000 | 0.000000   | -1.697415   |
|                              |                | 1405 | OCOTLÁN                     | 85.6  | 8.3  | 90.167100  | 0.000000 | 1.152080 | 0.000000 | 0.000000   | -14.019180  |
|                              |                | 1406 | CIUDAD GUZMÁN               | 266.1 | 16.0 | 273.088000 | 0.000000 | 3.300970 | 0.000000 | 0.000000   | -26.288970  |
|                              |                | 1407 | AGUACATE                    | 16.1  | 0.0  | 16.656800  | 0.000000 | 0.893800 | 0.000000 | 0.000000   | -1.450600   |
|                              |                | 1408 | LA BARCA                    | 67.0  | 2.8  | 103.362000 | 0.000000 | 0.461664 | 0.000000 | 0.000000   | -39.623664  |
|                              |                | 1409 | AMECA                       | 277.3 | 20.9 | 278.572000 | 0.000000 | 8.204410 | 0.000000 | 0.000000   | -30.376410  |
|                              |                | 1410 | LAGOS DE MORENO             | 196.0 | 0.0  | 223.780000 | 0.000000 | 4.331730 | 0.000000 | 0.000000   | -32.111730  |
|                              |                | 1411 | EL MUERTO                   | 2.6   | 0.0  | 3.470270   | 0.000000 | 0.188739 | 0.000000 | 0.000000   | -1.059009   |
|                              |                | 1412 | 20 DE NOVIEMBRE             | 39.3  | 11.5 | 7.990990   | 0.000000 | 0.208605 | 0.000000 | 19.600405  | 0.000000    |
|                              |                | 1413 | ALTOS DE JALISCO            | 62.3  | 0.6  | 74.065300  | 0.000000 | 0.085101 | 0.000000 | 0.000000   | -12.450401  |
|                              |                | 1414 | TEPATITLÁN                  | 41.1  | 0.2  | 43.020600  | 0.000000 | 0.746112 | 0.000000 | 0.000000   | -2.866712   |
|                              |                | 1415 | JALOSTOTITLÁN               | 80.8  | 21.8 | 69.200700  | 0.000000 | 0.539278 | 0.000000 | 0.000000   | -10.739978  |
|                              |                | 1416 | VALLE DE GUADALUPE          | 31.6  | 1.7  | 33.123200  | 0.000000 | 0.058351 | 0.000000 | 0.000000   | -3.281551   |

|                                    |                  |      |                              |       |       |            |          |          |          |           |             |
|------------------------------------|------------------|------|------------------------------|-------|-------|------------|----------|----------|----------|-----------|-------------|
|                                    |                  | 1417 | AUTLÁN                       | 76.0  | 0.0   | 80.204700  | 0.000000 | 0.883034 | 0.000000 | 0.000000  | -5.087734   |
|                                    |                  | 1418 | UNIÓN DE TULA                | 103.3 | 84.3  | 18.292500  | 0.000000 | 0.161737 | 0.000000 | 0.545763  | 0.000000    |
|                                    |                  | 1419 | TECOTLÁN                     | 20.8  | 3.5   | 10.404500  | 0.000000 | 1.565050 | 0.000000 | 5.330450  | 0.000000    |
|                                    |                  | 1420 | JIQUILPAN                    | 6.3   | 0.0   | 6.843680   | 0.000000 | 0.267631 | 0.000000 | 0.000000  | -0.811311   |
|                                    |                  | 1421 | TAPALPA                      | 12.5  | 1.7   | 9.621820   | 0.000000 | 0.145869 | 0.000000 | 1.032311  | 0.000000    |
|                                    |                  | 1422 | ENCARNACIÓN                  | 63.3  | 0.0   | 114.717000 | 0.000000 | 0.529171 | 0.000000 | 0.000000  | -51.946171  |
| VIII LERMA<br>SANTIAGO<br>PACÍFICO | JALISCO          | 1423 | PRIMO VERDAD                 | 24.7  | 7.0   | 13.226500  | 0.000000 | 0.244131 | 0.000000 | 4.229369  | 0.000000    |
|                                    |                  | 1424 | TOMATLÁN                     | 124.0 | 85.3  | 21.857900  | 0.000000 | 3.055790 | 0.000000 | 13.786310 | 0.000000    |
|                                    |                  | 1425 | VISTA DEL MAR                | 6.8   | 4.2   | 1.956470   | 0.000000 | 0.293173 | 0.000000 | 0.350357  | 0.000000    |
|                                    |                  | 1426 | SANTA MARÍA                  | 21.4  | 18.3  | 2.516220   | 0.000000 | 0.054000 | 0.000000 | 0.529780  | 0.000000    |
|                                    |                  | 1427 | PUERTO VALLARTA              | 86.5  | 17.0  | 70.133300  | 0.000000 | 3.078890 | 0.000000 | 0.000000  | -3.712190   |
|                                    |                  | 1428 | CHAPALA                      | 65.6  | 23.2  | 40.337100  | 0.000000 | 1.136970 | 0.000000 | 0.925930  | 0.000000    |
|                                    |                  | 1429 | TIZAPÁN                      | 25.8  | 12.0  | 13.114800  | 0.000000 | 0.857002 | 0.000000 | 0.000000  | -0.171802   |
|                                    |                  | 1430 | LA HUERTA                    | 64.5  | 8.1   | 61.343100  | 0.000000 | 0.367408 | 0.000000 | 0.000000  | -5.310508   |
|                                    |                  | 1431 | CUAUTILÁN                    | 26.2  | 16.1  | 9.224520   | 0.000000 | 0.095449 | 0.000000 | 0.780031  | 0.000000    |
|                                    |                  | 1432 | MIGUEL HIDALGO               | 46.1  | 8.7   | 18.220400  | 0.000000 | 0.658196 | 0.000000 | 18.521404 | 0.000000    |
|                                    |                  | 1433 | CIHUATLÁN                    | 46.8  | 9.4   | 38.677600  | 0.000000 | 0.529077 | 0.000000 | 0.000000  | -1.806677   |
|                                    |                  | 1434 | NORTE DE JALISCO             | 96.7  | 89.7  | 2.510640   | 0.000000 | 0.465375 | 0.000000 | 4.023985  | 0.000000    |
|                                    |                  | 1435 | AMATITÁN                     | 10.7  | 1.0   | 9.920930   | 0.000000 | 0.009899 | 0.000000 | 0.000000  | -0.230829   |
|                                    |                  | 1436 | ARENAL                       | 22.5  | 1.9   | 28.088900  | 0.000000 | 1.265530 | 0.000000 | 0.000000  | -8.754430   |
|                                    |                  | 1437 | TEQUILA                      | 23.9  | 4.6   | 16.066500  | 0.000000 | 3.865920 | 0.000000 | 0.000000  | -0.632420   |
|                                    |                  | 1440 | VALLE DE JUÁREZ              | 3.6   | 0.0   | 3.697150   | 0.000000 | 0.000000 | 0.000000 | 0.000000  | -0.097150   |
|                                    |                  | 1441 | BARRERAS                     | 41.7  | 33.9  | 1.207160   | 0.000000 | 0.078461 | 0.000000 | 6.514379  | 0.000000    |
|                                    |                  | 1442 | MASCOTA                      | 74.7  | 58.7  | 7.067740   | 0.000000 | 1.397220 | 0.000000 | 7.535040  | 0.000000    |
|                                    |                  | 1443 | MARAVILLA                    | 25.9  | 21.2  | 1.045210   | 0.000000 | 0.000000 | 0.000000 | 3.654790  | 0.000000    |
|                                    |                  | 1444 | SAN DIEGO DE ALEJANDRÍA      | 36.5  | 0.0   | 42.444300  | 0.000000 | 0.600000 | 0.000000 | 0.000000  | -6.544300   |
|                                    |                  | 1445 | SAN JOSÉ DE LAS PILAS        | 18.3  | 6.3   | 14.836800  | 0.000000 | 0.220922 | 0.000000 | 0.000000  | -3.057722   |
|                                    |                  | 1446 | CUQUÍO                       | 12.5  | 2.1   | 12.445400  | 0.000000 | 0.138818 | 0.000000 | 0.000000  | -2.184218   |
|                                    |                  | 1447 | YAHUALICA                    | 26.0  | 9.0   | 16.012200  | 0.000000 | 0.189102 | 0.000000 | 0.798698  | 0.000000    |
|                                    |                  | 1448 | OJUELOS                      | 9.4   | 0.0   | 7.983080   | 0.000000 | 0.386805 | 0.000000 | 1.030115  | 0.000000    |
|                                    |                  | 1449 | LAGUNAS                      | 178.7 | 3.0   | 162.468000 | 0.000000 | 3.394700 | 0.000000 | 9.837300  | 0.000000    |
|                                    |                  | 1450 | SAN ISIDRO                   | 64.2  | 19.6  | 45.469200  | 0.000000 | 1.111420 | 0.000000 | 0.000000  | -1.980620   |
| VIII LERMA<br>SANTIAGO<br>PACÍFICO | JALISCO          | 1451 | HUEJOTITLÁN                  | 9.6   | 0.0   | 8.764480   | 0.000000 | 0.110694 | 0.000000 | 0.724826  | 0.000000    |
|                                    |                  | 1452 | UNIÓN DE GUADALUPE           | 6.6   | 0.0   | 15.023700  | 0.000000 | 0.000000 | 0.000000 | 0.000000  | -8.423700   |
|                                    |                  | 1453 | LOS PUENTES                  | 19.5  | 13.6  | 5.440520   | 0.000000 | 0.750997 | 0.000000 | 0.000000  | -0.291517   |
|                                    |                  | 1454 | VILLA GUERRERO               | 34.0  | 25.9  | 2.465480   | 0.000000 | 0.096849 | 0.000000 | 5.537671  | 0.000000    |
|                                    |                  | 1455 | MEZQUITIC                    | 43.1  | 37.4  | 3.331090   | 0.000000 | 0.053837 | 0.000000 | 2.315073  | 0.000000    |
|                                    |                  | 1456 | SAN MARTÍN DE BOLAÑOS        | 137.4 | 130.0 | 5.652270   | 0.052560 | 0.540000 | 0.000000 | 1.155170  | 0.000000    |
|                                    |                  | 1457 | COLOTLÁN                     | 10.1  | 0.0   | 8.947820   | 0.000000 | 0.022576 | 0.000000 | 1.129604  | 0.000000    |
|                                    |                  | 1458 | MIXTLÁN                      | 150.9 | 137.7 | 10.427800  | 0.000000 | 0.374446 | 0.000000 | 2.397754  | 0.000000    |
|                                    |                  | 1459 | JESÚS MARÍA                  | 22.5  | 6.1   | 32.098400  | 0.000000 | 0.976189 | 0.000000 | 0.000000  | -16.674589  |
|                                    | ESTADO DE MÉXICO | 1501 | VALLE DE TOLUCA              | 336.8 | 53.6  | 390.042000 | 0.000000 | 3.501020 | 0.000000 | 0.000000  | -110.343020 |
|                                    |                  | 1502 | IXTLAHUACA-ATLACOMULCO       | 119.0 | 18.0  | 95.754700  | 0.000000 | 0.614278 | 0.000000 | 4.631022  | 0.000000    |
|                                    | MICHOACÁN        | 1601 | MARAVATÍO-CONTEPEC-E. HUERTA | 182.2 | 95.3  | 82.262000  | 0.000000 | 1.283570 | 0.000000 | 3.354430  | 0.000000    |
|                                    |                  | 1602 | MORELIA-QUERÉNDARO           | 286.6 | 127.8 | 168.915048 | 0.000000 | 0.090000 | 0.000000 | 0.000000  | -10.205048  |
|                                    |                  | 1604 | LAGUNILLAS PÁZCUARO          | 41.3  | 28.7  | 13.592100  | 0.000000 | 0.344481 | 0.000000 | 0.000000  | -1.336581   |
|                                    |                  | 1605 | PASTOR ORTÍZ-LA PIEDAD       | 28.7  | 0.1   | 104.104000 | 0.000000 | 0.000000 | 0.000000 | 0.000000  | -75.504000  |
|                                    |                  | 1606 | ZACAPU                       | 189.5 | 125.4 | 28.322200  | 0.000000 | 3.501080 | 0.000000 | 32.276720 | 0.000000    |
|                                    |                  | 1607 | CIENÉGA DE CHAPALA           | 126.0 | 27.8  | 98.699500  | 0.000000 | 0.126765 | 0.000000 | 0.000000  | -0.626265   |
|                                    |                  | 1608 | ZAMORA                       | 308.5 | 180.2 | 138.231000 | 0.000000 | 1.537400 | 0.000000 | 0.000000  | -11.468400  |
|                                    |                  | 1609 | BRISEÑAS-YURÉCUARO           | 114.0 | 2.0   | 135.407000 | 0.000000 | 0.000000 | 0.000000 | 0.000000  | -23.407000  |
|                                    |                  | 1619 | OSTULA                       | 7.4   | 2.9   | 4.835790   | 0.000000 | 0.018091 | 0.000000 | 0.000000  | -0.353881   |
|                                    |                  | 1621 | COAHUAYANA                   | 70.2  | 40.7  | 24.827200  | 0.000000 | 0.283190 | 0.000000 | 4.389610  | 0.000000    |
|                                    |                  | 1623 | LA PIEDAD                    | 68.5  | 0.1   | 62.557600  | 0.000000 | 0.032500 | 0.000000 | 5.809900  | 0.000000    |
|                                    | NAYARIT          | 1803 | VALLE SANTIAGO-SAN BLAS      | 572.9 | 510.4 | 36.986100  | 3.350170 | 2.136890 | 0.000000 | 20.026840 | 0.000000    |

|                              |                  |      |                               |       |       |            |           |          |          |           |             |
|------------------------------|------------------|------|-------------------------------|-------|-------|------------|-----------|----------|----------|-----------|-------------|
|                              |                  | 1804 | VALLE DE MATATIPAC            | 123.9 | 27.0  | 71.987100  | 0.000000  | 4.009260 | 4.252990 | 16.650650 | 0.000000    |
|                              |                  | 1805 | VALLE DE COMPOSTELA           | 33.9  | 3.4   | 16.834491  | 2.192204  | 1.148709 | 0.000000 | 10.324596 | 0.000000    |
|                              |                  | 1806 | ZACUALPAN-LAS VARAS           | 74.2  | 38.5  | 20.324500  | 0.000000  | 1.342980 | 0.000000 | 14.032520 | 0.000000    |
| VIII LERMA SANTIAGO PACÍFICO | NAYARIT          | 1807 | VALLE DE BANDERAS             | 86.5  | 17.0  | 51.277500  | 0.000000  | 9.078760 | 0.000000 | 9.143740  | 0.000000    |
|                              |                  | 1808 | PUNTA DE MITA                 | 4.3   | 0.0   | 3.029260   | 0.000000  | 0.252828 | 0.000000 | 1.017912  | 0.000000    |
|                              |                  | 1809 | VALLE IXTLÁN-AHUACATLÁN       | 68.8  | 43.1  | 15.154304  | 7.639555  | 0.712709 | 0.000000 | 2.193432  | 0.000000    |
|                              |                  | 1810 | VALLE AMATLÁN DE CAÑAS        | 22.9  | 11.6  | 5.990620   | 4.513770  | 0.186000 | 0.000000 | 0.609610  | 0.000000    |
|                              |                  | 1811 | ISLA MADRE (ISLAS MARIAS)     | 1.2   | 0.0   | 0.000000   | 0.383615  | 0.000000 | 0.000000 | 0.816385  | 0.000000    |
|                              |                  | 1812 | VALLE DE SANTA MARÍA DEL ORO  | 18.8  | 8.7   | 8.188330   | 0.000000  | 0.286663 | 0.000000 | 1.625007  | 0.000000    |
|                              | QUERÉTARO        | 2201 | VALLE DE QUERÉTARO            | 70.0  | 4.0   | 129.412000 | 0.000000  | 0.312840 | 0.000000 | 0.000000  | -63.724840  |
|                              |                  | 2202 | VALLE DE AMAZCALA             | 34.0  | 2.8   | 54.141000  | 0.000000  | 0.306000 | 0.000000 | 0.000000  | -23.247000  |
|                              |                  | 2204 | VALLE DE BUENAVISTA           | 11.0  | 0.1   | 22.605500  | 0.000000  | 0.734352 | 0.000000 | 0.000000  | -12.439852  |
|                              |                  | 2208 | VALLE DE HUIMILPAN            | 20.0  | 2.0   | 20.605100  | 1.256220  | 0.053460 | 0.000000 | 0.000000  | -3.914780   |
|                              | ZACATECAS        | 3203 | CORRALES                      | 28.1  | 5.0   | 1.928670   | 0.000000  | 0.022400 | 0.000000 | 21.148930 | 0.000000    |
|                              |                  | 3204 | VALPARAÍSO                    | 26.0  | 1.4   | 20.991400  | 0.000000  | 0.568300 | 0.000000 | 3.040300  | 0.000000    |
|                              |                  | 3205 | JERÉZ                         | 53.5  | 8.0   | 54.083700  | 0.000000  | 0.000000 | 0.000000 | 0.000000  | -8.583700   |
|                              |                  | 3206 | TLALTENANGO-TEPECHTLÁN        | 38.6  | 13.5  | 11.647500  | 0.000000  | 0.280089 | 0.000000 | 13.172411 | 0.000000    |
|                              |                  | 3207 | GARCÍA DE LA CADENA           | 42.0  | 24.7  | 5.335400   | 0.000000  | 1.176220 | 0.000000 | 10.788380 | 0.000000    |
|                              |                  | 3208 | NOCHISTLÁN                    | 23.2  | 8.8   | 7.938570   | 0.000000  | 0.187657 | 0.000000 | 6.273773  | 0.000000    |
|                              |                  | 3209 | JALPA-JUCHIPILA               | 82.9  | 14.9  | 67.025700  | 0.000000  | 0.928432 | 0.000000 | 0.045868  | 0.000000    |
|                              |                  | 3211 | VILLANUEVA                    | 22.6  | 1.8   | 20.393000  | 0.000000  | 0.267800 | 0.000000 | 0.139200  | 0.000000    |
|                              |                  | 3212 | OJOCALIENTE                   | 51.0  | 3.1   | 65.755600  | 0.000000  | 0.000000 | 0.000000 | 0.000000  | -17.855600  |
|                              |                  | 3213 | VILLA GARCÍA                  | 15.5  | 2.2   | 8.495200   | 0.000000  | 0.508663 | 0.000000 | 4.296137  | 0.000000    |
| IX GOLFO NORTE               | HIDALGO          | 1301 | ZIMAPÁN                       | 7.6   | 3.2   | 2.049560   | 0.786618  | 0.048316 | 0.000000 | 1.515506  | 0.000000    |
|                              |                  | 1302 | ORIZATLÁN                     | 185.4 | 179.0 | 0.033166   | 0.283134  | 0.039967 | 0.000000 | 6.043733  | 0.000000    |
|                              |                  | 1303 | ATOTONILCO-JALTOCÁN           | 12.8  | 8.6   | 0.031167   | 0.024638  | 0.000000 | 0.000000 | 4.144195  | 0.000000    |
|                              |                  | 1304 | XOCHITLÁN-HUEJUTLA            | 39.1  | 31.0  | 0.902045   | 0.142087  | 0.000000 | 0.000000 | 7.055868  | 0.000000    |
|                              |                  | 1305 | ATLAPEXCO-CANDELARIA          | 192.7 | 183.7 | 0.050632   | 0.099676  | 0.000000 | 0.000000 | 8.849692  | 0.000000    |
|                              |                  | 1306 | CALABOZO                      | 81.1  | 71.6  | 0.000000   | 0.256203  | 0.000000 | 0.000000 | 9.243797  | 0.000000    |
| IX GOLFO NORTE               | HIDALGO          | 1307 | HUICHAPAN-TECOZAUTLA          | 56.7  | 33.5  | 32.364900  | 5.385800  | 0.000000 | 0.000000 | 0.000000  | -14.550700  |
|                              |                  | 1314 | MEZTITLÁN                     | 62.5  | 39.3  | 12.607000  | 0.609579  | 0.005292 | 0.000000 | 9.978129  | 0.000000    |
|                              |                  | 1315 | HUASCA-ZOQUITAL               | 52.1  | 36.9  | 5.090550   | 0.602042  | 0.000000 | 0.000000 | 9.507408  | 0.000000    |
|                              |                  | 1317 | VALLE DE TULANCINGO           | 103.0 | 49.4  | 60.484300  | 13.951100 | 0.100000 | 0.000000 | 0.000000  | -20.935400  |
|                              | ESTADO DE MÉXICO | 1321 | AMAJAC                        | 166.0 | 161.8 | 3.192160   | 0.062867  | 0.017301 | 0.000000 | 0.927672  | 0.000000    |
|                              | QUERÉTARO        | 1503 | POLOTITLÁN                    | 47.6  | 36.2  | 11.508500  | 0.000000  | 1.520750 | 0.000000 | 0.000000  | -1.629250   |
|                              |                  | 2203 | VALLE DE SAN JUAN DEL RÍO     | 191.5 | 0.0   | 325.958000 | 0.800000  | 1.004000 | 0.000000 | 0.000000  | -136.262000 |
|                              |                  | 2205 | VALLE DE TEQUISQUIAPAN        | 108.1 | 2.6   | 106.242000 | 0.000000  | 1.823650 | 0.000000 | 0.000000  | -2.565650   |
|                              |                  | 2206 | VALLE DE CADEREYTA            | 4.1   | 0.0   | 4.142000   | 0.000000  | 0.000000 | 0.000000 | 0.000000  | -0.042000   |
|                              |                  | 2207 | TOLIMÁN                       | 8.4   | 2.9   | 6.201070   | 3.258050  | 0.000000 | 0.000000 | 0.000000  | -3.959120   |
|                              |                  | 2209 | VALLE DE AMEALCO              | 22.5  | 0.8   | 18.878800  | 0.969043  | 0.990000 | 0.000000 | 0.862157  | 0.000000    |
|                              |                  | 2210 | MOCTEZUMA                     | 50.0  | 6.5   | 0.072900   | 0.000000  | 0.000000 | 0.000000 | 43.427100 | 0.000000    |
|                              |                  | 2211 | TAMPAÓN-ZONA DE SIERRA        | 49.0  | 13.6  | 1.773580   | 0.022258  | 0.592561 | 0.000000 | 33.011601 | 0.000000    |
|                              | SAN LUIS POTOSÍ  | 2410 | BUENAVISTA                    | 27.1  | 0.0   | 21.095200  | 7.864730  | 0.234000 | 0.000000 | 0.000000  | -2.093930   |
|                              |                  | 2414 | CERRITOS-VILLA JUÁREZ         | 72.7  | 50.4  | 16.011400  | 0.716220  | 0.245971 | 0.000000 | 5.326409  | 0.000000    |
|                              |                  | 2415 | RÍO VERDE                     | 415.8 | 251.4 | 129.382000 | 0.336000  | 5.099420 | 0.000000 | 29.582580 | 0.000000    |
|                              |                  | 2416 | SAN NICOLÁS TOLENTINO         | 32.9  | 18.6  | 6.883050   | 1.000980  | 0.002595 | 0.000000 | 6.413375  | 0.000000    |
|                              |                  | 2417 | SANTA MARÍA DEL RÍO           | 3.7   | 0.0   | 18.757800  | 6.914000  | 0.980000 | 0.000000 | 0.000000  | -22.951800  |
|                              |                  | 2418 | HUASTECA POTOSINA             | 668.2 | 541.5 | 32.836000  | 9.575720  | 0.671669 | 0.000000 | 83.616611 | 0.000000    |
|                              |                  | 2419 | TAMUÍN                        | 370.1 | 290.2 | 7.392450   | 6.287590  | 0.375106 | 0.000000 | 65.844854 | 0.000000    |
|                              | TAMAULIPAS       | 2802 | MÉNDEZ-SAN FERNANDO           | 50.1  | 14.1  | 19.757800  | 2.693010  | 0.691040 | 0.000000 | 12.858150 | 0.000000    |
|                              |                  | 2803 | HIDALGO-VILLAGRÁN             | 39.7  | 5.7   | 35.986900  | 0.030434  | 0.001460 | 0.000000 | 0.000000  | -2.018794   |
|                              |                  | 2804 | SAN CARLOS                    | 22.6  | 5.1   | 5.108360   | 0.013505  | 0.269026 | 0.000000 | 12.109109 | 0.000000    |
|                              |                  | 2805 | JIMÉNEZ-ABASOLO               | 29.7  | 8.6   | 3.895210   | 1.110150  | 1.114370 | 0.000000 | 14.980270 | 0.000000    |
|                              |                  | 2806 | MÁRGENES DEL RÍO PURIFICACIÓN | 117.7 | 14.7  | 104.696000 | 0.000000  | 0.000000 | 0.000000 | 0.000000  | -1.696000   |
|                              |                  | 2807 | VICTORIA-GÜEMEZ               | 91.1  | 11.9  | 107.968000 | 0.000000  | 0.000000 | 0.000000 | 0.000000  | -28.768000  |
| IX GOLFO NORTE               | TAMAULIPAS       | 2808 | VICTORIA-CASAS                | 31.3  | 2.5   | 29.677900  | 0.030000  | 0.003650 | 0.000000 | 0.000000  | -0.911550   |
|                              |                  | 2809 | ALDAMA-SOTO LA MARINA         | 209.3 | 112.7 | 12.321200  | 5.516040  | 0.034127 | 0.000000 | 78.728633 | 0.000000    |

|                                |                  |      |                                        |          |         |              |            |            |          |              |             |
|--------------------------------|------------------|------|----------------------------------------|----------|---------|--------------|------------|------------|----------|--------------|-------------|
|                                |                  | 2810 | PALMILLAS-JAUMAVE                      | 29.3     | 18.0    | 8.049580     | 0.000000   | 0.062119   | 0.000000 | 3.188301     | 0.000000    |
|                                |                  | 2811 | LLERA-XICOTÉNCATL                      | 81.0     | 28.6    | 46.832000    | 0.008555   | 3.287150   | 0.000000 | 2.272295     | 0.000000    |
|                                |                  | 2812 | OCAMPO-ANTIGUO MORELOS                 | 40.0     | 8.9     | 19.801000    | 0.000000   | 0.386975   | 0.000000 | 10.912025    | 0.000000    |
|                                |                  | 2813 | ZONA SUR                               | 14.8     | 3.6     | 2.981280     | 0.497828   | 0.050142   | 0.000000 | 7.670750     | 0.000000    |
|                                |                  | 2814 | TULA-BUSTAMANTE                        | 43.8     | 1.1     | 21.591100    | 18.184900  | 0.600000   | 0.000000 | 2.324000     | 0.000000    |
| X GOLFO CENTRO                 | VERACRUZ         | 3017 | TAMPICO-MISANTLA                       | 268.0    | 138.2   | 27.612600    | 1.522620   | 0.139628   | 0.000000 | 100.525152   | 0.000000    |
|                                | HIDALGO          | 1318 | ACAXOCHITLÁN                           | 19.9     | 11.6    | 5.344120     | 1.328620   | 0.484379   | 0.000000 | 1.142881     | 0.000000    |
|                                | OAXACA           | 2010 | TUXTEPEC                               | 220.2    | 71.7    | 137.462000   | 0.005475   | 5.612960   | 0.000000 | 5.419565     | 0.000000    |
|                                |                  | 2012 | CUICATLÁN                              | 41.4     | 23.9    | 3.159130     | 0.000000   | 0.063168   | 0.000000 | 14.277702    | 0.000000    |
|                                |                  | 2013 | COATZACOALCOS                          | 258.3    | 63.0    | 2.885220     | 0.569483   | 0.002179   | 0.000000 | 191.843118   | 0.000000    |
|                                | PUEBLA           | 2105 | VALLE DE TEHUACÁN                      | 246.9    | 81.9    | 133.101000   | 0.000000   | 3.700180   | 0.000000 | 28.198820    | 0.000000    |
|                                | VERACRUZ         | 3001 | POZA RICA                              | 55.7     | 37.0    | 7.339840     | 4.011490   | 0.021251   | 0.000000 | 7.327419     | 0.000000    |
|                                |                  | 3002 | TECOLUTLA                              | 181.0    | 129.0   | 15.798700    | 7.431430   | 0.124356   | 0.000000 | 28.645514    | 0.000000    |
|                                |                  | 3003 | MARTÍNEZ DE LA TORRE-NAUTLA            | 73.1     | 5.3     | 17.304000    | 7.225950   | 2.025270   | 0.000000 | 41.244780    | 0.000000    |
|                                |                  | 3004 | PEROTE-ZALAYETA                        | 50.2     | 10.8    | 39.879400    | 11.241500  | 1.148490   | 0.000000 | 0.000000     | -12.869390  |
|                                |                  | 3005 | VALLE DE ACTOPAN                       | 400.4    | 318.3   | 40.599700    | 44.197100  | 0.339684   | 0.000000 | 0.000000     | -3.036484   |
|                                |                  | 3006 | COSTERA DE VERACRUZ                    | 293.5    | 102.5   | 193.412000   | 11.084200  | 0.121590   | 0.000000 | 0.000000     | -13.617790  |
|                                |                  | 3007 | ORIZABA-CÓRDOBA                        | 109.5    | 68.5    | 38.375400    | 0.087223   | 1.624430   | 0.000000 | 0.912947     | 0.000000    |
|                                |                  | 3008 | COTAXTLA                               | 356.5    | 170.6   | 200.330000   | 9.758160   | 1.492370   | 0.000000 | 0.000000     | -25.680530  |
|                                |                  | 3009 | OMEALCA-HUICOLTLA                      | 75.6     | 15.5    | 50.106700    | 0.000000   | 3.190820   | 0.000000 | 6.802480     | 0.000000    |
|                                |                  | 3010 | LOS NARANJOS                           | 1,101.5  | 561.9   | 441.745000   | 0.000000   | 18.210200  | 0.000000 | 79.644800    | 0.000000    |
|                                |                  | 3011 | SOTEAPAN-HUEYAPAN                      | 145.7    | 84.2    | 13.301200    | 0.576926   | 0.317925   | 0.000000 | 47.303949    | 0.000000    |
|                                |                  | 3012 | COSTERA DE COATZACOALCOS               | 172.2    | 9.7     | 60.092800    | 0.780032   | 1.591460   | 0.000000 | 100.035708   | 0.000000    |
|                                |                  | 3014 | ÁLAMO-TUXPAN                           | 154.6    | 73.7    | 23.932600    | 9.360170   | 0.559782   | 0.000000 | 47.047448    | 0.000000    |
| X GOLFO CENTRO                 | VERACRUZ         | 3016 | SIERRA DE SAN ANDRÉS TUXTLA            | 68.4     | 53.2    | 13.796800    | 0.000000   | 0.000000   | 0.000000 | 1.403200     | 0.000000    |
|                                |                  | 3018 | JALAPA-COATEPEC                        | 90.0     | 8.7     | 2.420670     | 4.512650   | 0.117077   | 0.000000 | 74.249603    | 0.000000    |
|                                |                  | 3019 | CUENCA RÍO PAPALOAPAN                  | 129.0    | 50.0    | 93.991300    | 0.000000   | 4.985880   | 0.000000 | 0.000000     | -19.977180  |
|                                |                  | 3020 | COSTERA DEL PAPALOAPAN                 | 355.0    | 247.4   | 36.548200    | 2.163000   | 0.691821   | 0.000000 | 68.196979    | 0.000000    |
| XI FRONTERA SUR                | CHIAPAS          | 0701 | PALENQUE                               | 193.0    | 0.0     | 7.047030     | 2.000030   | 5.168120   | 0.000000 | 178.784820   | 0.000000    |
|                                |                  | 0702 | REFORMA                                | 2,968.9  | 2750.2  | 35.146300    | 0.000000   | 4.991790   | 0.000000 | 178.561910   | 0.000000    |
|                                |                  | 0703 | TUXTLA                                 | 240.6    | 0.0     | 48.568100    | 0.000000   | 0.497675   | 0.000000 | 191.534225   | 0.000000    |
|                                |                  | 0704 | OCOZOCOAUTLA                           | 180.0    | 0.0     | 6.703450     | 0.000000   | 0.053304   | 0.000000 | 173.243246   | 0.000000    |
|                                |                  | 0705 | CINTALAPA                              | 320.4    | 0.0     | 22.630600    | 0.000000   | 0.417331   | 0.000000 | 297.352069   | 0.000000    |
|                                |                  | 0706 | FRAYLESCA                              | 1,224.5  | 1116.2  | 46.405100    | 0.000000   | 1.068870   | 0.000000 | 60.826030    | 0.000000    |
|                                |                  | 0707 | COMITÁN                                | 422.4    | 324.1   | 36.165600    | 7.882010   | 0.522909   | 0.000000 | 53.729481    | 0.000000    |
|                                |                  | 0708 | LA TRINITARIA                          | 157.4    | 0.0     | 11.611600    | 0.052621   | 2.660160   | 0.000000 | 143.075619   | 0.000000    |
|                                |                  | 0709 | ACAPETAHUA                             | 860.7    | 490.2   | 82.088600    | 29.581100  | 4.568960   | 0.000000 | 254.261340   | 0.000000    |
|                                |                  | 0710 | SOCONUSCO                              | 938.1    | 614.9   | 136.232000   | 135.896000 | 3.020760   | 0.000000 | 48.051240    | 0.000000    |
|                                |                  | 0711 | ARRIAGA-PIJUIAPAN                      | 495.9    | 393.2   | 35.427800    | 16.712800  | 1.824260   | 0.000000 | 48.735140    | 0.000000    |
|                                |                  | 0712 | SAN CRISTÓBAL LAS CASAS                | 35.6     | 0.0     | 1.691030     | 0.000000   | 0.000000   | 0.000000 | 33.908970    | 0.000000    |
|                                |                  | 0713 | MARQUÉS DE COMILLAS                    | 186.6    | 174.7   | 2.958500     | 2.100070   | 0.000000   | 0.000000 | 6.841430     | 0.000000    |
|                                |                  | 0714 | CHICOMUSELO                            | 701.0    | 0.0     | 3.469930     | 0.000000   | 0.000000   | 0.000000 | 697.530070   | 0.000000    |
|                                | TABASCO          | 0715 | OCOSINGO                               | 4,535.9  | 4146.3  | 0.676111     | 0.380413   | 0.000000   | 0.000000 | 388.543476   | 0.000000    |
|                                |                  | 2701 | HUIMANGUILLO                           | 663.0    | 98.5    | 33.864800    | 2.688010   | 1.577010   | 0.000000 | 526.370180   | 0.000000    |
|                                |                  | 2702 | LA CHONTALPA                           | 1,973.6  | 339.0   | 64.863200    | 0.065700   | 2.308640   | 0.000000 | 1,567.362460 | 0.000000    |
|                                |                  | 2703 | SAMARIA-CUNDUACÁN                      | 546.6    | 127.0   | 48.909100    | 0.000000   | 1.403710   | 0.000000 | 369.287190   | 0.000000    |
|                                |                  | 2704 | CENTLA                                 | 954.6    | 98.4    | 46.851200    | 0.000000   | 0.062311   | 0.000000 | 809.286489   | 0.000000    |
|                                |                  | 2705 | LA SIERRA                              | 771.9    | 132.8   | 53.837600    | 0.416797   | 8.221310   | 0.000000 | 576.624293   | 0.000000    |
|                                |                  | 2706 | MACUSPANA                              | 1,667.0  | 107.3   | 4.651610     | 0.126801   | 0.946428   | 0.000000 | 1,553.975161 | 0.000000    |
|                                |                  | 2707 | LOS RÍOS                               | 1,895.0  | 109.2   | 15.569400    | 2.588520   | 0.907686   | 0.000000 | 1,766.734394 | 0.000000    |
| XI FRONTERA SUR                | TABASCO          | 2708 | BOCA DEL CERRO                         | 785.0    | 390.0   | 7.140300     | 1.567360   | 0.000000   | 0.000000 | 386.292340   | 0.000000    |
| XII PENÍNSULA DE YUCATÁN       | CAMPECHE         | 0405 | XPUJIL                                 | 2,099.4  | 1784.1  | 7.116910     | 0.000000   | 0.971890   | 0.000000 | 307.211200   | 0.000000    |
|                                | QUINTANA ROO     | 2301 | CERROS Y VALLES                        | 1,194.2  | 854.9   | 22.591600    | 30.323300  | 1.485450   | 0.000000 | 284.899650   | 0.000000    |
|                                |                  | 2305 | ISLA DE COZUMEL                        | 208.7    | 160.4   | 17.735200    | 0.009000   | 0.659353   | 0.000000 | 29.896447    | 0.000000    |
|                                | YUCATÁN          | 3105 | PENÍNSULA DE YUCATÁN                   | 21,813.4 | 14542.2 | 4,657.820000 | 26.785500  | 199.668000 | 0.000000 | 2,386.926500 | 0.000000    |
| XIII AGUAS DEL VALLE DE MÉXICO | CIUDAD DE MÉXICO | 0901 | ZONA METROPOLITANA DE LA CD. DE MÉXICO | 512.8    | 0.0     | 1,019.897340 | 0.000000   | 0.133000   | 0.000000 | 0.000000     | -507.230340 |
|                                | HIDALGO          | 1308 | EL ASTILLERO                           | 3.3      | 0.0     | 0.038982     | 0.662091   | 0.056994   | 0.000000 | 2.541933     | 0.000000    |
|                                |                  | 1309 | CHAPANTONGO-ALFAJAYUCAN                | 136.9    | 112.9   | 5.343670     | 3.763480   | 0.177049   | 0.000000 | 14.715801    | 0.000000    |
|                                |                  | 1310 | VALLE DEL MEZQUITAL                    | 515.0    | 293.0   | 169.005000   | 12.804500  | 2.616930   | 0.000000 | 37.573570    | 0.000000    |
|                                |                  | 1311 | AJACUBA                                | 25.7     | 15.6    | 4.440737     | 0.070120   | 0.593100   | 0.000000 | 4.996043     | 0.000000    |
|                                |                  | 1312 | IXMIQUILPAN                            | 150.1    | 124.6   | 5.742507     | 1.944670   | 0.816174   | 0.000000 | 16.996649    | 0.000000    |
|                                |                  | 1313 | ACTOPAN-SANTIAGO DE ANAYA              | 208.1    | 90.0    | 51.466284    | 4.809120   | 4.836040   | 0.000000 | 56.988556    | 0.000000    |
|                                |                  | 1316 | TEPEJI DEL RÍO                         | 46.3     | 35.2    | 8.921960     | 5.482130   | 1.235440   | 0.000000 | 0.000000     | -4.539530   |
|                                |                  | 1319 | TECOCOMULCO                            | 27.8     | 0.5     | 2.973690     | 0.000000   | 0.000000   | 0.000000 | 24.326310    | 0.000000    |
|                                |                  | 1320 | ÁPAN                                   | 30.3     | 0.0     | 29.962820    | 0.000000   | 0.045081   | 0.000000 | 0.292099     | 0.000000    |

|                  |      |                    |       |      |            |          |          |          |           |             |
|------------------|------|--------------------|-------|------|------------|----------|----------|----------|-----------|-------------|
|                  | 1506 | CHALCO-AMECAMECA   | 74.0  | 0.0  | 99.182200  | 0.000000 | 0.240103 | 0.000000 | 0.000000  | -25.422303  |
| ESTADO DE MÉXICO | 1507 | TEXCOCO            | 145.1 | 10.4 | 245.723122 | 0.000000 | 0.000000 | 0.000000 | 0.000000  | -111.023122 |
|                  | 1508 | CUAUTITLÁN-PACHUCA | 356.7 | 0.0  | 539.879000 | 0.000000 | 5.517710 | 0.000000 | 0.000000  | -188.696710 |
| TLAXCALA         | 2902 | SOLTEPEC           | 57.0  | 16.2 | 16.589400  | 0.047313 | 0.693249 | 0.000000 | 23.470038 | 0.000000    |

**R:** recarga total media anual; **DNC:** descarga natural comprometida; **VEAS:** volumen de extracción de aguas subterráneas; **VCAS:** volumen concesionado/asignado de aguas subterráneas; **VEALA:** volumen de extracción de agua en las zonas de suspensión provisional de libre alumbramiento y los inscritos en el Registro Nacional Permanente; **VAPTYR:** volumen de extracción de agua pendiente de titulación y/o registro en el REPDA; **VAPRH:** volumen de agua correspondiente a reservas, reglamentos y programación hídrica; **DMA:** disponibilidad media anual de agua del subsuelo. Las definiciones de estos términos son las contenidas en los numerales "3" (fracciones 3.10, 3.12, 3.18 y 3.25), y "4" (fracción 4.3), de la Norma Oficial Mexicana NOM-011-CONAGUA-2015.

**ARTÍCULO SEGUNDO.-** Para determinar la procedencia de las solicitudes de nuevo título de concesión o asignación para la explotación, uso o aprovechamiento de aguas nacionales, la Comisión Nacional del Agua considerará la disponibilidad del acuífero existente al momento de emitir la resolución correspondiente.

#### TRANSITORIOS

**PRIMERO.-** El presente Acuerdo entrará en vigor el día de su publicación en el Diario Oficial de la Federación.

**SEGUNDO.-** Los estudios que contienen las memorias técnicas correspondientes al cálculo y determinación de la disponibilidad media anual, y los planos que ilustran la localización, los límites y la extensión geográfica de los acuíferos objeto de este Acuerdo y la metodología empleada para ello, están disponibles para consulta pública en la página de internet de la Comisión Nacional del Agua en [www.gob.mx/conagua](http://www.gob.mx/conagua).

Ciudad de México, a los 7 días del mes de septiembre de dos mil veinte.- La Directora General, **Blanca Elena Jiménez Cisneros**.- Rúbrica.