

[Identification...](#)[Quality...](#)[Spatial Organization...](#)[Spatial Reference...](#)
[Entity & Attributes...](#)[Distribution...](#)[Metadata](#)

Metadata:**Identification Information:****Citation:****Citation Information:**

Originator:United States Environmental Protection Agency

Publication Date:1994

Title:Toxic Chemical Release Inventory (TRI) Data for sites in Pennsylvania

Publication Information:

Publication Place:Washington, DC

Publisher:United States Environmental Protection Agency

Online Linkage:[Download](#) 

Description:

Abstract:This data layer includes point locations for Toxic Chemical Release Inventory (TRI) data from the Environmental Protection Agency's Toxic Release Inventory System (TRIS) for all States in EPA Region 3 (PA, MD, DE, DC, VA, WV). This data layer includes yearly information by State about the facilities that report releases and the types of chemicals being released. TRI includes information from facilities on the amounts of over 300 listed toxic chemicals that the facilities release directly to air, water, or land or that are transported (transferred) off-site. TRI was mandated by the Emergency Planning and Community Right-to-Know Act (EPCRA) which is based on the premise that citizens have a right to know about toxic chemicals in their communities. TRI's purpose is to encourage planning for response to chemical accidents and to provide the public and government information about possible chemical hazards in communities.

Purpose:Tracking locations of Toxic Chrmical Release information.

Time Period of Content:**Time Period Information:****Range of Dates/Times:**

Beginning Date:1987

Ending Date:1990

Currentness Reference:publication date

Status:

Progress:complete

Maintenance and Update Frequency:as needed

Spatial Domain:**Bounding Coordinates:**

West Bounding Coordinate:-80.5181

East Bounding Coordinate:-74.6170

North Bounding Coordinate:42.2340

South Bounding Coordinate:39.6930

Keywords:

Theme:**Theme Keyword Thesaurus:**none**Theme Keyword:**TRI TRIS hazardous materials hazardous waste chemicals toxics toxic release pollution landfill**Theme Keyword:**&hazardous_waste;**Place:****Place Keyword Thesaurus:**GNIS**Place Keyword:**Pennsylvania**Access Constraints:**None. The National Technical Information Service (NTIS) provides public access to TRI data via magnetic tape, CD-ROM, and dBase and Lotus diskettes (by State).**Use Constraints:**None**Point of Contact:****Contact Information:****Contact Person Primary:****Contact Person:**Keith Endres**Contact Organization:**U.S. EPA**Contact Address:****Address Type:**physical address**Address:**U.S. Environmental Protection Agency**City:**Washington**State or Province:**District of Columbia**Postal Code:**20460**Contact Voice Telephone:**919-541-1809**Contact Electronic Mail Address:**endres.keith@epamail.epa.gov**Data Quality Information:****Attribute Accuracy:****Attribute Accuracy Report:**unknown Confidence: unknown. Method: Information in the TRI comes from regulated facilities to EPA through the TRI Reporting Form R, which is available in an automated format on diskette. The Form R information is entered into the TRIS by the EPA. Quality Assurance/Quality Control checks include verification of data entry, data quality reports which check for data entry and submitter errors, and verification of critical release fields.**Logical Consistency Report:**Some of the facilities that report information for RCRIS (see RCRA TSD Sites) also submit information for TRI. These facilities are identified by their unique EPA ID (EPA-ID and FINDS-EPA-ID in TRI, HID_NUM in RCRIS).**Completeness Report:**This data layer includes coverage for EPA Region 3 only. Not all the data in TRI are included in this coverage.**Positional Accuracy:****Horizontal Positional Accuracy:****Horizontal Positional Accuracy Report:**unknown. Confidence: unknown. Accuracy Method: The site latitude and longitude are determined by the facility and entered on the TRI Reporting Form R. Each latitude and longitude value is checked by EPA for validity and accuracy. As part of this process, grossly inaccurate location

coordinates have been identified and corrected or improved, however, be advised that there may still be inaccuracies in the location data. A description of the correction process is provided in Volume 2.

Lineage:**Source Information:****Source Citation:****Citation Information:**

Originator:U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics.

Publication Date:1987-1990

Title:Toxic Chemical Release Inventory (TRI)

Publication Information:

Publication Place:Washington, D.C.

Publisher:U.S. Environmental Protection Agency

Source Scale Denominator:unknown

Type of Source Media:online

Source Time Period of Content:

Time Period Information:**Range of Dates/Times:**

Beginning Date:1987

Ending Date:1990

Source Currentness Reference:publication date

Source Citation Abbreviation:TRI

Source Contribution:Toxic Chemical Release facilities and related release information

Process Step:

Process Description:1. Information in TRI updated continually by EPA. An EPA contractor downloaded the information in the TRI mainframe database and, using Arc/Info software, created an Arc/Info point coverage for each State based on the latitude/longitude data provided for each facility reported on in TRI. The location data used to create the point coverages were supplemented with additional location coordinates for some facilities, and by identifying the best available coordinates for all facilities. The processes used to create the coverages are fully described in reports prepared by American Management Systems (1991) and ViGYAN Inc. (1992) provided in Volume 2. 2. The TRI data, retrieved from TRIS on May 25, 1992, are organized in a series of Info files for each State coverage. The following delisted chemicals, and facilities releasing or transferring only delisted chemicals, were not included in the coverages: - Titanium dioxide - C.I. Acid Blue 9 - Sodium sulfate - Melamine - Aluminum oxide (non-fibrous) - Sodium Hydroxide (solution) - Terephthalic acid - Copper pigments (formerly included in "Copper Compounds") The case of aluminum oxide is unusual in that the non-fibrous forms were delisted beginning in reporting year 1989. As of RY1990, the remaining reports are assumed to constitute fibrous forms only, and are included only for that year. The impact in the coverages essentially is to add a new

chemical for 1990. Other new chemicals added for RY1990 include: o
Allyl alcohol o p-Dinitrobenzene o Creosote o Dinitrotoluene (mixed
isomers) o 2,3-Dichloropropene o Isosafrole o m-Dinitrobenzene o
Toluenediisocyanate (mixed isomers) o o-Dinitrobenzene

Source Used Citation Abbreviation:TRI

Process Date:1994

Process Contact:

Contact Information:

Contact Person Primary:

Contact Person:Keith Endres

Contact Organization:U.S. EPA

Contact Address:

Address Type:physical address

Address:U.S. Environmental Protection Agency

City:Washington

State or Province:District of Columbia

Postal Code:20460

Contact Voice Telephone:919-541-1809

Contact Electronic Mail

Address:endres.keith@epamail.epa.gov

Spatial Data Organization Information:

Direct Spatial Reference Method:Point

Spatial Reference Information:

Horizontal Coordinate System Definition:

Geographic:

Latitude Resolution:unknown

Longitude Resolution:unknown

Geographic Coordinate Units:decimal degrees

Geodetic Model:

Horizontal Datum Name:North American Datum of 1927

Ellipsoid Name:Clarke 1866

Semi-major Axis:6378206.4

Denominator of Flattening Ratio:294.98

Entity and Attribute Information:

Overview Description:

Entity and Attribute Overview:

ss_TRI.PAT (where ss is the two-letter State Postal code, i.e.
PA_TRI.PAT)

Definition: Toxic Chemical Release Inventory Point Attributes

COL	ITEM NAME	WDTH	OPUT	TYP	N.DEC	DEFINITION
1	AREA	4	12	F	3	Area (this is always 0.0 in point coverages)
5	PERIMETER	4	12	F	3	Perimeter (this is always 0.0 in point coverages)
9	ss_TRI#	4	5	B	-	Internal point identification number
13	ss_TRI-ID	4	5	B	-	User-defined point identification number

17 TRI 15 15 C - TRI facility ID; used as a relate item to the ss_TRI.FAC file.

32 ss_IDI 5 5 I - Integer version of ss_TRI-ID; used as a relate item to the ss_TRI.FAC file.

ss_TRI.FAC (where ss is the two-letter State Postal code, i.e. PA_TRI.FAC)

Definition: Toxic Release Inventory Facility data by State

COL	ITEM NAME	WIDTH	OUTPUT	TYP	N.DEC	DEFINITION
1	ss_IDI	5	5	I	-	Integer version of ss_TRI-ID from ss_TRI.PAT
6	TRI	15	15	C	-	TRI Facility ID
21	NAME	50	50	C	-	Facility name
71	ADDRESS	60	60	C	-	Facility street address
131	CITY	25	25	C	-	Facility city name
156	ST	2	2	C	-	Facility two-letter State postal code
158	ZIP	5	5	C	-	Facility 5-digit ZIP code
163	ZIP-PLUS4	4	4	C	-	Facility Plus4 4-digit ZIP code
167	STCOFIPS	5	5	C	-	Combined State and County FIPS Code
172	REGION	2	2	C	-	U.S. EPA Region code
174	SUBMIT-LAT	10	10	N	5	Facility Latitude in decimal degrees (dd) submitted by facility
184	SUBMIT-LONG	10	10	N	5	Facility Longitude in decimal degrees (dd) submitted by facility
194	SUBMIT-METHOD	13	13	C	-	Code for method used by facility to determine facility coordinates
207	ASSIGN-LAT	10	10	N	5	Facility Latitude (dd) assigned by EPA
217	ASSIGN-LONG	10	10	N	5	Facility Longitude (dd) assigned by EPA
227	ASSIGN-METHOD	13	13	C	-	Code for method used by EPA to assign facility coordinates
240	RDNET-LAT	10	10	N	5	Roadnet Latitude (dd)
250	RDNET-LONG	10	10	N	5	Roadnet Longitude (dd)
260	RDNET-METHOD	13	13	C	-	Code for method used to determine facility Roadnet coordinates
273	PREFER-LAT	10	10	N	5	Preferred Facility Latitude coordinates (dd)
283	PREFER-LONG	10	10	N	5	Preferred Facility Longitude coordinates (dd)
293	PREFER-METHOD	13	13	C	-	Code for method used to determine preferred facility coordinates
306	DMS_S-LAT	7	7	C	-	Facility latitude in degrees, minutes, seconds
313	DMS_S-LONG	7	7	C	-	Facility longitude in degrees, minutes, seconds
320	GDT-LAT	10	10	N	5	GDT latitude for facility
330	GDT-LONG	10	10	N	5	GDT longitude for facility

340 GDT-METHOD 13 13 C - Code for method used to
 determine GDT coordinates for
 facility
 353 ZIPWH-LAT 10 10 N 5 ZIPWHERE latitude for facility
 (dd)
 363 ZIPWH-LONG 10 10 N 5 ZIPWHERE longitude for facility
 (dd)
 373 ZIPWH-METHOD 13 13 C - Code for method used to
 determine ZIPWHERE facility
 coordinates
 386 IMP-LAT 10 10 N 5 Improved latitude (dd)
 396 IMP-LONG 10 10 N 5 Improved longitude (dd)
 406 IMP-METHOD 13 13 C - Code for method used to
 determine improved facility
 coordinates
 419 LAT-LONG_FLAG 1 1 C - Facility lat/long modification
 flag
 420 ACCURACY 2 2 C - Preferred facility coordinate
 approximate accuracy
 422 TRIS-EXE 7 7 C - Date that data was extracted
 from TRIS
 429 REP-IN-87 1 1 C - Flag indicating facility report
 for 1987
 430 REP-IN-88 1 1 C - Flag indicating facility report
 for 1988
 431 REP-IN-89 1 1 C - Flag indicating facility report
 for 1989
 432 REP-IN-90 1 1 C - Flag indicating facility report
 for 1990
 433 REP-IN-91 1 1 C - Flag indicating facility report
 for 1991 (future)
 434 REP-IN-92 1 1 C - Flag indicating facility report
 for 1992 (future)
 435 REP-IN-93 1 1 C - Flag indicating facility report
 for 1993 (future)
 436 REP-IN-94 1 1 C - Flag indicating facility report
 for 1994 (future)
 437 REP-IN-95 1 1 C - Flag indicating facility report
 for 1995 (future)
 438 REP-IN-96 1 1 C - Flag indicating facility report
 for 1996 (future)
 439 PAR-DUNS 9 9 C - parent company Dun and
 Bradstreet (D&B) number
 448 ASSIGN-DUNS 9 9 C - Assigned D&B number
 457 U-DUNS 9 9 C - Ultimate parent company D&B
 number assigned by TRIPQUIC
 466 PARENT-NAME 45 45 C - parent company name
 511 PARENTB-NAME 45 45 C - parent company name assigned by
 TRIPQUIC
 556 CITYB 25 25 C - parent company city assigned by
 TRIPQUIC
 581 STB 2 2 C - parent company State assigned by
 TRIPQUIC
 583 CEOB 30 30 C - parent company Chief Executive
 Officer name as assigned by
 TRIPQUIC

613 SNGL-REG-PAR 1 1 C - single EPA Region parent flag
 614 ITP-PAR 1 1 C - 33/50 participant parent company
 flag
 615 ITP-FAC 1 1 C - 33/50 facility
 616 REACH-NUMBER 11 11 C - EPA River Reach number (planned
 for later inclusion)
 See Volume 2 for more information on these items.

ss_TRI.AIRyy (where ss is the two-letter State postal code and
 yy is the year, i.e. PA_TRI.AIR90)
 Definition: Toxic Release Inventory Air and Underground Injection
 Release Data

COL	ITEM NAME	WDTH	OPUT	TYP	N.DEC	DESCRIPTION
1	TRI	15	15	C	-	TRI facility ID
16	DCN	15	15	C	-	document control number
31	TRI-CHEM-ID	9	9	C	-	TRI chemical ID (CAS number)
40	FUGIT-AIR-LBY	10	10	I	-	Estimated release of chemical in fugitive air in lbs/yr
50	STACK-AIR-LBY	10	10	I	-	Estimated release of chemical in stack air in lbs/yr
60	UNDGND-LBY	10	10	I	-	Estimated release of chemical in underground injection in lbs/yr
70	CHEMICAL	50	50	C	-	Chemical name
120	SIC1	4	4	C	-	Standard Industrial Classification code 1
124	SIC2	4	4	C	-	Standard Industrial Classification code 2
128	SIC3	4	4	C	-	Standard Industrial Classification code 3
132	SIC4	4	4	C	-	Standard Industrial Classification code 4
136	NPDES1	9	9	C	-	National Pollutant Discharge Elimination System (NPDES) permit number 1
145	NPDES2	9	9	C	-	NPDES permit number 2
154	NPDES3	9	9	C	-	NPDES permit number 3
163	NPDES4	9	9	C	-	NPDES permit number 4
172	EPA-ID1	12	12	C	-	EPA ID assigned to facilities covered by hazardous waste regulations under the Resource Conservation and Recovery Act (RCRA)
184	EPA-ID2	12	12	C	-	EPA RCRA ID 2
196	EPA-ID3	12	12	C	-	EPA RCRA ID 3
208	EPA-ID4	12	12	C	-	EPA RCRA ID 4
220	FINDS-EPA-ID	12	12	C	-	EPA ID from the Facility Index System (FINDS)
232	YEAR	4	4	I	-	Reporting year
236	CHEM-UPD	7	7	C	-	Date the chemical record was updated in TRIS
243	FAC-UPD	7	7	C	-	Date the facility record was updated in TRIS
**	REDEFINED ITEMS	**				
23	YR	2	2	I	-	Year, as indicated in the document control number

See Volume 2 for more information on these items.

ss_TRI.WTRyy (where ss is the two-letter State Postal code and yy is the year, i.e. PA_TRI.WTR90)

Definition: Toxic Release Inventory Water Release data

COL	ITEM NAME	WIDTH	OPUT	TYP	N.DEC	DESCRIPTION
1	TRI	15	15	C	-	TRI facility ID
16	DCN	15	15	C	-	document control number
31	TRI-CHEM-ID	9	9	C	-	TRI chemical ID (CAS number)
40	WATER-LBY	10	10	I	-	Estimated release of chemical to surface water (lbs/yr)
50	STREAM-NAME	70	70	C	-	Stream Name
120	STREAM-CODE	1	1	C	-	Stream code
121	CHEMICAL	50	50	C	-	Chemical name
171	SIC1	4	4	C	-	Standard Industrial Classification code 1
175	SIC2	4	4	C	-	Standard Industrial Classification code 2
179	SIC3	4	4	C	-	Standard Industrial Classification code 3
183	SIC4	4	4	C	-	Standard Industrial Classification code 4
187	NPDES1	9	9	C	-	National Pollutant Discharge Elimination System (NPDES) permit number 1
196	NPDES2	9	9	C	-	NPDES permit number 2
205	NPDES3	9	9	C	-	NPDES permit number 3
214	NPDES4	9	9	C	-	NPDES permit number 4
223	EPA-ID1	12	12	C	-	EPA ID assigned to facilities covered by hazardous waste regulations under the Resource Conservation and Recovery Act (RCRA)
235	EPA-ID2	12	12	C	-	EPA RCRA ID 2
247	EPA-ID3	12	12	C	-	EPA RCRA ID 3
259	EPA-ID4	12	12	C	-	EPA RCRA ID 4
271	FINDS-EPA-ID	12	12	C	-	EPA ID from the Facility Index System (FINDS)
232	YEAR	4	4	I	-	Reporting year
236	CHEM-UPD	7	7	C	-	Date the chemical record was updated in TRIS
243	FAC-UPD	7	7	C	-	Date the facility record was updated in TRIS
**	REDEFINED ITEMS	**				
23	YR	2	2	I	-	Year, as indicated in the document control number

See Volume 2 for more information on these items.

ss_TRI.LNDyy (where ss is the two-letter State Postal code and yy is the year, i.e. PA_TRI.LND90)

Definition: Toxic Release Inventory Land Disposal Release data

COL	ITEM NAME	WIDTH	OPUT	TYP	N.DEC	DESCRIPTION
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1  TRI      15 15 C - TRI facility ID
16 DCN      15 15 C - document control number
31 TRI-CHEM-ID 9 9 C - TRI chemical ID (CAS number)
40 LAND-LBY 10 10 I - Estimated release of chemical to
land disposal (lbs/yr)
50 LAND-CODE 3 3 C - Land disposal code
53 CHEMICAL 50 50 C - Chemical name
103 SIC1     4 4 C - Standard Industrial
Classification code 1
107 SIC2     4 4 C - Standard Industrial
Classification code 2
111 SIC3     4 4 C - Standard Industrial
Classification code 3
115 SIC4     4 4 C - Standard Industrial
Classification code 4
119 NPDES1   9 9 C - National Pollutant Discharge
Elimination System (NPDES)
permit number 1
128 NPDES2   9 9 C - NPDES permit number 2
137 NPDES3   9 9 C - NPDES permit number 3
146 NPDES4   9 9 C - NPDES permit number 4
155 EPA-ID1  12 12 C - EPA ID assigned to facilities
covered by hazardous waste
regulations under the Resource
Conservation and Recovery Act
(RCRA)
167 EPA-ID2  12 12 C - EPA RCRA ID 2
179 EPA-ID3  12 12 C - EPA RCRA ID 3
191 EPA-ID4  12 12 C - EPA RCRA ID 4
203 FINDS-EPA-ID 12 12 C - EPA ID from the Facility Index
System (FINDS)
215 YEAR     4 4 I - Reporting year
219 CHEM-UPD 7 7 C - Date the chemical record was
updated in TRIS
226 FAC-UPD 7 7 C - Date the facility record was
updated in TRIS
** REDEFINED ITEMS **
23 YR        2 2 I - Year, as indicated in the
document control number

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See Volume 2 for more information on these items.

ss_TRI.TRAYy (where ss is the two-letter State Postal code and
yy is the year, i.e. PA_TRI.TRA90)
Definition: Toxic Release Inventory Chemical Transfers data

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COL ITEM NAME    WIDTH  OPUT  TYP  N.DEC  DESCRIPTION
1  TRI      15 15 C - TRI facility ID
16 DCN      15 15 C - document control number
31 TRI-CHEM-ID 9 9 C - TRI chemical ID (CAS number)
40 POTW-LBY 10 10 I - Estimated transfers to Publicly-
Owned Treatment Works (lbs/yr)
50 OTHER-LBY 10 10 I - Estimated transfers to Other
Off-site locations (lbs/yr)
60 TRANSF-TRI 15 15 C - Off-site facility's TRI ID
number

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75 TRANSF-NAME 50 50 C - Off-site facility/location name
 125 TRANSF-ADDR 60 60 C - Off-site facility street address
 185 TRANSF-CITY 25 25 C - Off-site facility city
 210 TRANSF-ST 2 2 C - Off-site facility 2-letter State
 code
 212 TRANSF-ZIP 9 9 C - Off-site facility ZIP code
 221 TRANSF-CODE 1 1 C - unknown
 222 TRANSF-EPA 12 12 C - Off-site facility EPA ID number
 (RCRA ID)
 234 CNTRL-BY-FAC 2 2 C - Flag indicating whether off-site
 facility is under control of
 reporting facility or parent
 company
 236 TYPE-OF-TREAT 3 3 C - Code for type of treatment
 239 CHEMICAL 50 50 C - Chemical name
 289 SIC1 4 4 C - Standard Industrial
 Classification code 1
 293 SIC2 4 4 C - Standard Industrial
 Classification code 2
 297 SIC3 4 4 C - Standard Industrial
 Classification code 3
 301 SIC4 4 4 C - Standard Industrial
 Classification code 4
 305 NPDES1 9 9 C - National Pollutant Discharge
 Elimination System (NPDES)
 permit number 1
 314 NPDES2 9 9 C - NPDES permit number 2
 323 NPDES3 9 9 C - NPDES permit number 3
 332 NPDES4 9 9 C - NPDES permit number 4
 341 EPA-ID1 12 12 C - EPA ID assigned to facilities
 covered by hazardous waste
 regulations under the Resource
 Conservation and Recovery Act
 (RCRA)
 353 EPA-ID2 12 12 C - EPA RCRA ID 2
 365 EPA-ID3 12 12 C - EPA RCRA ID 3
 377 EPA-ID4 12 12 C - EPA RCRA ID 4
 389 FINDS-EPA-ID 12 12 C - EPA ID from the Facility Index
 System (FINDS)
 401 YEAR 4 4 I - Reporting year
 405 CHEM-UPD 7 7 C - Date the chemical record was
 updated in TRIS
 412 FAC-UPD 7 7 C - Date the facility record was
 updated in TRIS
 419 TRANSF-NPDES 9 9 C - for future use
 428 TRANSF-REACH 11 11 C - for future use
 ** REDEFINED ITEMS **
 23 YR 2 2 I - Year, as indicated in the
 document control number

See Volume 2 for more information on these items.

ss_TRI.CONyy (where ss is the two-letter State Postal code and
 yy is the year, i.e. PA_TRI.CON90)
 Definition: Toxic Release Inventory Facility Contacts

COL	ITEM NAME	WIDTH	OPUT	TYP	N.DEC	DESCRIPTION
1	TRI	15	15	C	-	TRI facility ID
16	DCN	15	15	C	-	document control number
31	TRI-CHEM-ID	9	9	C	-	TRI chemical ID (CAS number)
40	TECH-NAME	39	39	C	-	Name of Technical Contact
79	TECH-PHONE	10	10	C	-	Phone number of Technical Contact
89	PUBLIC-NAME	39	39	C	-	Name of Public Relations Contact
128	PUBLIC-PHONE	10	10	C	-	Phone number of PR Contact
138	CHEMICAL	50	50	C	-	Chemical name
** REDEFINED ITEMS **						
23	YR	2	2	I	-	Year, as indicated in the document control number

See Volume 2 for more information on these items.

ss_TRI.TIC (where ss is the two-letter State Postal code, i.e. PA_TRI.TIC)

Definition: Toxic Release Inventory State Coverage Control Tics

COL	ITEM NAME	WIDTH	OPUT	TYP	N.DEC	DEFINITION
1	IDTIC	4	5	B	-	User-defined tic identification number
5	XTIC	4	12	F	3	X coordinate for tic
9	YTIC	4	12	F	3	Y coordinate for tic

ss_TRI.BND (where ss is the two-letter State Postal code, i.e. PA_TRI.BND)

Definition: Toxic Release Inventory State Coverage Bounding Coordinates

COL	ITEM NAME	WIDTH	OPUT	TYP	N.DEC	DEFINITION
1	XMIN	4	12	F	3	Minimum x-coordinate in coverage
5	YMIN	4	12	F	3	Minimum y-coordinate in coverage
9	XMAX	4	12	F	3	Maximum x-coordinate in coverage
13	YMAX	4	12	F	3	Maximum y-coordinate in coverage

Entity and Attribute Detail Citation:EPA

Distribution Information:

Distributor:

Contact Information:

Contact Organization Primary:

Contact Organization:Pennsylvania Spatial Data Access (PASDA)

Contact Address:

Address Type:mailing address

Address:Land and Water Building

City:University Park

State or Province:PA

Postal Code:16802

Country:USA

Contact Voice Telephone:814-863-0104

Contact Facsimile Telephone:

Contact Electronic Mail Address:pasda@psu.edu

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Standard Order Process:

Non-digital Form:

Digital Form:

Digital Transfer Information:

Format Name:ARCE (ARC/INFO export)

File Decompression Technique:zip

Digital Transfer Option:

Online Option:

Computer Contact Information:

Network Address:

Network Resource Name:www.pasda.psu.edu

Fees:none

Metadata Reference Information:

Metadata Date:19990419

Metadata Review Date:19990623

Metadata Contact:

Contact Information:

Contact Person Primary:

Contact Person:Christopher Pfeiffer

Contact Organization:PASDA

Contact Position:Metadata Specialist

Contact Address:

Address Type:mailing

Address:E506 Pattee Library

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State or Province:PA

Postal Code:19802

Country:USA

Contact Voice Telephone:814-865-1755

Contact Facsimile Telephone:814-863-7293

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Metadata Standard Name:FGDC Content Standard for Digital Geospatial

Metadata

Metadata Standard Version:FGDC-STD-001-1998