



**VIRGINIA SOIL AND WATER  
CONSERVATION BOARD  
POLICY AND PROCEDURES ON SOIL  
AND WATER CONSERVATION DISTRICT  
COST-SHARE AND TECHNICAL  
ASSISTANCE FUNDING ALLOCATIONS  
(FISCAL YEAR 2027)**

(Approved by Board on July 24, 2026)

**1. Policy Purpose:**

This Policy and Procedures document specifies the Virginia Soil and Water Conservation Board's (Board) process by which funds are to be allocated by the Department of Conservation and Recreation (Department) to the Commonwealth's 47 local Soil and Water Conservation Districts (Districts) for cost-share and technical assistance (Fiscal Year 2027 or FY27). The Policy also highlights the water quality emphasis of the Virginia Agricultural Best Management Practices Cost-share Program and the targeted use of allocated cost-share funding. The corresponding Grant Agreement will guide the distribution and disbursement of FY27 funds. A separate Board Policy and Grant Agreement governs the FY27 distribution of administrative and operational support funds to Districts.

**2. Cost-share Program Mission and Eligibility:**

The Virginia Agricultural Best Management Practices Cost-share Program (VACS) is administered by the Board and Department through the Districts. The Program's goal is to improve water quality in the state's streams, rivers, and the Chesapeake Bay. VACS offers cost-share assistance as an incentive to carry out construction or implementation of selected Best Management Practices (BMPs). The basis of VACS is to encourage the voluntary installation of agricultural BMPs to meet Virginia's non-point source pollution reduction water quality objectives. Although resource based problems affecting water quality occur on all land uses, VACS promotes efforts for corrective action on agricultural lands only. VACS emphasizes the implementation of agricultural BMPs in locations that provide the greatest nutrient and sediment reductions for the taxpayer's dollars spent. Cost-shared BMPs must maximize nutrient and sediment reductions and also protect the taxpayer's interest, by implementing the most cost-effective BMPs possible in locations that achieve the greatest pollutant reductions on a field by field basis. VACS objectives include special emphasis on the reduction of nutrients (nitrogen and phosphorus), and sediment delivered to the Chesapeake Bay; by preventing additional pollution from entering state waters; and meeting the criteria for Virginia's compliance with Section 319 of the Clean Water Act. VACS implementation should be based upon sound conservation planning and best professional judgment.

For the purposes of VACS, agricultural land means land being used in a bona fide program of agricultural management and engaged in the production of agricultural, horticultural, or forest products for market. In order to be considered agricultural land, the real estate must consist of a minimum of five contiguous acres and there must be verifiable gross receipts in excess of \$1,000 per year from the production or sale of agricultural, horticultural, or forest products produced on the applicant's agricultural land for each of the past three years. The greater than \$1,000 threshold may be documented by using crop type acres and livestock numbers collected

as part of the conservation planning inventory or other acceptable forms of proof including Internal Revenue Service (IRS) forms or other accounting records certified by a tax preparer that show profit or loss from farm operations. Non-industrial private forest lands are exempt from the \$1,000 requirement when managed for commercial production according to a plan prepared by a professional forester. (See Part 4: Definitions for further explanation.)

Readers should refer to the *Program Year 2027 Virginia Agricultural Cost Share (VACS) BMP Manual* for additional requirements associated with the implementation of the Virginia Agricultural Best Management Practices Cost-Share Program.

### **3. Authority:**

This funding distribution Policy has been developed to provide transparency, predictability, and consistency to the processes by which the cost-share and technical assistance funding set out in Item 359 X.1., X.2, and X.3 of Chapter 725 of the 2025 Session Acts of Assembly, and A.2, D.1, D.2, D.3, T.1, T.2, T.3, U, and V of Item 362 of the 2026 Appropriation Act (the 2026 Appropriation Act) are allocated and distributed to Districts. Funds subject to this Policy are set out in Sub-programs 50320 (Financial Assistance to Soil and Water Conservation Districts), 50322 (Technical Assistance to Soil and Water Conservation Districts) and 50323 (Agricultural Best Management Practices Cost Share Assistance) and are guided by the following specific budget provisions within Item 374:

X.1. Notwithstanding §10.1-2129 A., Code of Virginia, \$26,296,400 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, \$8,905,800 is designated for deposit to the reserve within the Virginia Water Quality Improvement Fund.

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2. Of the remaining amount in the first year, \$17,390,600 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies to support Agriculture Best Management Practices needs in the next biennium.

3. The appropriation in this paragraph and in Item 365 of this act meets the mandatory deposit requirements associated with the fiscal year 2024 excess general fund revenue collections and discretionary year-end general fund balances.

A.2. Out of the appropriation in this Item, \$4,550,000 the first year and \$4,550,000 the second year shall be provided for base technical assistance support for the Virginia Soil and Water Conservation Districts. These funds shall be distributed upon approval by the Virginia Soil and Water Conservation Board to the districts in accordance with the Board's established financial allocation policy. These amounts shall be in addition to any other funding provided to the districts for technical assistance for appropriations in excess

of \$35,000,000. The Virginia Soil and Water Conservation Board is authorized to utilize previous years' unobligated cost-share funds to provide technical assistance funding to Virginia Soil and Water Conservation Districts at a rate no higher than the technical assistance rate percentage funded in the current Appropriation Act.

D.1 Out of the appropriation in this Item, \$10,000,000 the first year and \$10,000,000 the second year from the Virginia Natural Resources Commitment Fund, a subfund of the Virginia Water Quality Improvement Fund, is hereby appropriated. The funds shall be dispersed by the department pursuant to § 10.1-2128.1, Code of Virginia.

2. The source of an amount estimated at \$10,000,000 the first year and \$10,000,000 the second year to support the nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund shall be the recordation tax fee established in Part 3 of this act.

3. Out of this amount, a total of thirteen percent, or \$1,300,000, whichever is greater, shall be appropriated to Virginia Soil and Water Conservation Districts for technical assistance to farmers implementing agricultural best management practices, and \$8,700,000 for Agricultural Best Management Practices Cost-Share Assistance. Of the amount deposited for Cost-Share Assistance, seventy percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, and thirty percent shall be used for matching grants for agricultural best management practices on lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed.

T. Notwithstanding §10.1-2129 A., Code of Virginia, \$153,669,475 the first year from the general fund shall be deposited to the Virginia Water Quality Improvement Fund established under the Water Quality Improvement Act of 1997. Of this amount in the first year, \$7,950,000 shall be appropriated to the Department for the following specified statewide uses: \$6,000,000 for nonpoint source projects including direct pay initiatives for nutrient management and resource management plans as well as poultry litter transport; \$700,000 for maintenance of the Conservation Application Suite; \$500,000 to the Department of Forestry for the Virginia Trees for Clean Water program; \$500,000 to the Department of Forestry for water quality grants; and \$250,000 for the Commonwealth's match for participation in the Federal Conservation Reserve Enhancement Program (CREP). Notwithstanding Item 361 B., no deposit is designated to the reserve within the Virginia Water Quality Improvement Fund.

2. Of the remaining amount in the first year, \$145,719,475 is authorized for transfer to the Virginia Natural Resources Commitment Fund, a sub fund of the Water Quality Improvement Fund. Notwithstanding any other provision of law, the funds transferred to the Virginia Natural Resources Commitment Fund shall be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: \$88,743,160 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, \$38,032,783 shall be used for matching

grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional \$18,943,532 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

3. The appropriation in this paragraph of this act meets the mandatory deposit requirements associated with the fiscal year 2025 excess general fund revenue collections and discretionary year-end general fund balances.

U. Notwithstanding any other provision of law, \$58,000,000 the first year from interest accrued in the Virginia Natural Resources Commitment Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: \$35,322,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, \$15,138,000 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional \$7,540,000 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

V. Notwithstanding any other provision of law, \$83,883,443 the first year from the Water Quality Improvement Reserve Fund is hereby appropriated to be distributed by the Department upon approval of the Virginia Soil and Water Conservation Board in accordance with the board's developed policies, as follows: \$51,085,016 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively or partly within the Chesapeake Bay watershed, \$21,893,579 shall be used for matching grants for Agricultural Best Management Practices on lands in the Commonwealth exclusively outside the Chesapeake Bay watershed, and an additional \$10,904,848 in addition to the base funding provided in A.1. shall be appropriated for Technical Assistance for Virginia Soil and Water Conservation Districts.

The Code of Virginia contains the following Board and Department duties applicable to this Policy:

**§ 10.1-104.1. Department to assist in the nonpoint source pollution management program.**

- A. The Department, with the advice of the Board of Conservation and Recreation and the Virginia Soil and Water Conservation Board and in cooperation with other agencies, organizations, and the public as appropriate, shall assist in the Commonwealth's nonpoint source pollution management program.
- B. The Department shall be assisted in performing its nonpoint source pollution management responsibilities by Virginia's soil and water conservation districts. Assistance by the soil and water conservation districts in the delivery of local programs and services may include (i) the provision of technical assistance to advance adoption of conservation management services, (ii) delivery of

educational initiatives targeted at youth and adult groups to further awareness and understanding of water quality issues and solutions, and (iii) promotion of incentives to encourage voluntary actions by landowners and land managers in order to minimize nonpoint source pollution contributions to state waters.

- C. The provisions of this section shall not limit the powers and duties of other state agencies.

**§ 10.1-546.1. Delivery of Agricultural Best Management Practices Cost-Share Program.**

Districts shall locally deliver the Virginia Agricultural Best Management Practices Cost-Share Program described under §10.1-2128.1, under the direction of the Board, as a means of promoting voluntary adoption of conservation management practices by farmers and land managers in support of the Department's nonpoint source pollution management program.

**§ 10.1-2128. Virginia Water Quality Improvement Fund established; purposes.**

- A. There is hereby established in the state treasury a special permanent, nonreverting fund, to be known as the "Virginia Water Quality Improvement Fund." The Fund shall be established on the books of the Comptroller. The Fund shall consist of sums appropriated to it by the General Assembly which shall include, unless otherwise provided in the general appropriation act, 10 percent of the annual general fund revenue collections that are in excess of the official estimates in the general appropriation act and 10 percent of any unrestricted and uncommitted general fund balance at the close of each fiscal year whose reappropriation is not required in the general appropriation act. The Fund shall also consist of such other sums as may be made available to it from any other source, public or private, and shall include any penalties or damages collected under this article, federal grants solicited and received for the specific purposes of the Fund, and all interest and income from investment of the Fund. Any sums remaining in the Fund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Fund. All moneys designated for the Fund shall be paid into the state treasury and credited to the Fund. Moneys in the Fund shall be used solely for Water Quality Improvement Grants. ....

**§ 10.1-2128.1. Virginia Natural Resources Commitment Fund established.**

- A. There is hereby created in the state treasury a special nonreverting fund to be known as the Virginia Natural Resources Commitment Fund hereafter referred to as "the Subfund," which shall be a subfund of the Virginia Water Quality Improvement Fund and administered by the Department of Conservation and Recreation. The Subfund shall be established on the books of the Comptroller. All amounts appropriated and such other funds as may be made available to the Subfund from any other source, public or private, shall be paid into the state treasury and credited to the Subfund. Interest earned on moneys in the Subfund shall remain in the Subfund and be credited to it. Any moneys remaining in the Subfund, including interest thereon, at the end of each fiscal year shall not revert to the general fund but shall remain in the Subfund. Moneys in the Subfund shall

be used as provided in subsection B solely for the Virginia Agricultural Best Management Practices Cost-Share Program administered by the Department of Conservation and Recreation...

- C. The Department of Conservation and Recreation, in consultation with stakeholders, including representatives of the agricultural community, the conservation community, and the Soil and Water Conservation Districts, shall determine an annual funding amount for effective Soil and Water Conservation District technical assistance and implementation of agricultural best management practices pursuant to § 10.1-546.1. Pursuant to § 2.2-1504, the Department shall provide to the Governor the annual funding amount needed for each year of the ensuing biennial period. The Department shall include the annual funding amount as part of the reporting requirements in § 62.1-44.118.

**§ 10.1-2132. Nonpoint source pollution funding; conditions for approval.**

- A. The Department of Conservation and Recreation shall be the lead state agency for determining the appropriateness of any grant related to nonpoint source pollution to be made from the [Water Quality Improvement] Fund to restore, protect and improve the quality of state waters. ....
- C. Grant funding may be made available to local governments, soil and water conservation districts, institutions of higher education and individuals who propose specific initiatives that are clearly demonstrated as likely to achieve reductions in nonpoint source pollution, including, but not limited to, excess nutrients and suspended solids, to improve the quality of state waters. Such projects may include, but are in no way limited to, the acquisition of conservation easements related to the protection of water quality and stream buffers; conservation planning and design assistance to develop nutrient management plans for agricultural operations; instructional education directly associated with the implementation or maintenance of a specific nonpoint source pollution reduction initiative; the replacement or modification of residential onsite sewage systems to include nitrogen removal capabilities; implementation of cost-effective nutrient reduction practices; and reimbursement to local governments for tax credits and other kinds of authorized local tax relief that provides incentives for water quality improvement. The Director shall give priority consideration to the distribution of grants from the Fund for the purposes of implementing tributary strategy plans, with a priority given to agricultural practices. In no single year shall more than 60 percent of the moneys be used for projects or practices exclusively within the Chesapeake Bay watershed.
- D. The Director of the Department of Conservation and Recreation shall manage the allocation of Water Quality Improvement Grants from the Virginia Natural Resources Commitment Fund established under § 10.1-2128.1.

Additional authorities are included that authorize Districts to recover a portion of costs of services from landowners in accordance with Item 362 of the 2026 Appropriation Act.

G. Notwithstanding §10.1-552, Code of Virginia, Soil and Water Conservation Districts are hereby authorized to recover a portion of the direct costs of services rendered to landowners

within the district and to recover a portion of the cost for use of district-owned conservation equipment. Such recoveries shall not exceed the amounts expended by a district on these services and equipment.

#### **4. Definitions:**

“Agricultural products” means crops, livestock and livestock products, including but not limited to: field crops, forage, fruits, vegetables, horticultural specialties, cattle, sheep, hogs, goats, horses, poultry, furbearing animals, milk, eggs and furs.

“Agricultural production” means the production for commercial purposes of crops, livestock and livestock products, and includes the processing or retail sales by the producer of crops, livestock or livestock products which are produced on the parcel or in the District.

“Animal Type” means the type of livestock the BMP is being installed to treat. For reporting in the AgBMP Tracking Module, the following animal types are used.

|       |        |         |         |       |      |
|-------|--------|---------|---------|-------|------|
| Beef  | Dairy  | Swine   | Layer   | Sheep | Goat |
| Horse | Turkey | Broiler | Pullets | Other |      |

“Applicant” means a landowner, agent, or operator of record as long as the individual has control of the property and is at least 18 years of age. An applicant may be any corporation, association, partnership, or one or more individuals. Various companies, corporations, and partnership arrangements exist for farm ownership. Farm corporations (signing under Federal Tax Identification number) or partnerships operating under a farm name are classified as a single “applicant.” Applicants are identified by a unique social security number and/or Federal Tax Identification number.

“Conservation Efficiency Factor (CEF)” means a factor calculated by the AgBMP Tracking Module to serve as a ranking tool and provide some guidance for ranking applications that would implement different BMPs. This tool is designed to assist Districts with the ranking of their cost share practice applications. The CEF uses eleven different components, including soil loss data that is inputted by the District, as well as the environmental information associated with the location of the practice on the earth to generate a factor used to rank the proposed practice compared with other instances of the same BMPs as well as instances of other BMPs.

“District” or “local soil and water conservation district” or “SWCD” means a political subdivision of the Commonwealth organized in accordance with the provisions of the Code of Virginia contained in Chapter 5 of Title 10.1 (§ 10.1-500 et seq.) and with the powers and duties set out in Chapters 1, 5, 6, and 21.1 of Title 10.1 of the Code of Virginia.

“Drainage basins” for the purposes of funding allocations means the lands within the Chesapeake Bay watershed (CB – Chesapeake Bay) or the lands in the Commonwealth exclusively outside of the Chesapeake Bay watershed (OCB – Outside of Chesapeake Bay).

“Forestal production” means the production for commercial purposes of forestal products, and includes the processing or retail sales by the producer, of forestal products that are produced on

the parcel. Forestal products include, but are not limited to; saw timber, pulpwood, posts, firewood, Christmas trees, and other tree and wood products for sale or for farm use.

“Horticultural production” means the production for commercial purposes of horticultural products, and includes the processing or retail sales, by the producer, of horticultural products that are produced on the parcel. Horticultural products include, but are not limited to, fruits of all kinds, grapes, nuts, and berries, nursery and floral products for sale or for farm use.

“Total Maximum Daily Load” or “TMDL” means a calculation of a maximum amount of a pollutant that a waterbody can receive and still meet water quality standards.

## **5. Allocation Process for Cost-share:**

The process for determining the allocation of new cost-share includes the following steps:

- A. Review the Appropriation Act language and determine the distribution of amounts deposited to the Virginia Water Quality Improvement Fund (WQIF) or the Virginia Natural Resources Commitment Fund from state surplus allocations, WQIF Reserve, or from other deposits.  
(See **TABLE 1**)
- B. Review the Appropriation Act language and determine the total amount available for cost-share and technical assistance in the given fiscal year provided from the:
  - i. Close of fiscal year general fund surplus appropriated to the Virginia Water Quality Improvement Fund (WQIF) and the amounts available for cost-share and technical assistance.
  - ii. Special WQIF and VNRCF deposits from the general fund.
  - iii. Nongeneral fund appropriation to the Virginia Natural Resources Commitment Fund from the recordation tax fee.
  - iv. WQIF and Virginia Natural Resources Commitment Fund Interest.
  - v. The Reserve within the WQIF.
  - vi. Any returned and unobligated funds from previous fiscal years.  
(SEE **TABLE 1**)
- C. Allocate portions of the funding to the CB and to OCB.  
(SEE **TABLE 4**)
- D. Develop a cost-share spending plan that allocates appropriated funds to Program elements.  
(Determine uses of cost-share in CB and OCB Areas.)
  - i. Central Service Adjustments
  - ii. VACS – Virginia Agricultural Best Management Practices Cost-Share Program  
(SEE **TABLE 6**)
- E. Use the Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process to determine cost-share allocations to Districts.  
(SEE **TABLES 7-9 and Attachments A-D**)

### **Review of Appropriation Act Language (Allocation Steps A and B)**

In Chapter 725, \$17,390,600 in funding was deposited to the Water Quality Improvement Fund in accordance with Item 359 that was not allocated by this Board during FY2026 (See Part 2, Authority). In the 2026 Appropriation Act, \$250,214,918 in cost-share funding and \$37,388,380 in additional technical assistance funding was allocated for FY2027.

**TABLE 1: FY2026 and FY2027 Distributions for WQIF and VNRCF**

| Water Quality Program                                                                                                                                                                                        | Program Distributions |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| WQIF deposit                                                                                                                                                                                                 | \$153,669,475         |
| • Earmark for special nonpoint source projects (poultry litter, NMPs and RMPs)                                                                                                                               | \$6,000,000           |
| • Earmark for Commonwealth's match to federal Conservation Reserve Enhancement Program (CREP)                                                                                                                | \$250,000             |
| • Earmark for the Department for the development and continued maintenance for the Conservation Application Suite                                                                                            | \$700,000             |
| • Transfer to the Virginia Natural Resources Commitment Fund                                                                                                                                                 | \$145,719,475         |
| • Agricultural Best Management Practices Cost-Share Assistance                                                                                                                                               | \$126,775,943         |
| Additional deposits to the VNRCF (including the funding provided in Chapter 725, the use of interest accrued in the Virginia Natural Resources Commitment Fund, and the use of funds from the WQIF Reserve). | \$159,284,043         |
| • Agricultural Best Management Practices Cost-Share Assistance                                                                                                                                               | \$140,829,195         |

For FY27, \$303,521,499 (see Part 2, Authority) is available for allocations to the Districts for cost-share. For FY27, \$37,678,225 in additional technical assistance funds, \$4,550,000 in base technical assistance funding, and \$1,300,000 in supplemental base technical assistance funding are available.

**TABLE 2: FY27 Cost-share and Technical Assistance Allocations by Fund Source**

| Funding Source                                         | Total         | Cost-share Portion of Total | Technical Assistance Portion of Total |
|--------------------------------------------------------|---------------|-----------------------------|---------------------------------------|
| Deposit remaining from Chapter 725                     | \$17,390,600  | \$17,390,600                |                                       |
| WQIF deposit for FY27 (2026 Appropriation Act)         | \$145,719,475 | \$126,775,943               | \$18,943,532                          |
| Interest deposit to the VNRCF (2026 Appropriation Act) | \$58,000,000  | \$50,460,000                | \$7,540,000                           |

|                                                                                              |                 |                  |                |
|----------------------------------------------------------------------------------------------|-----------------|------------------|----------------|
| Reserve deposit to the VNRCF (2026 Appropriation Act)                                        | \$83,883,443    | \$72,978,595     | \$10,904,848   |
| Unobligated funds and returned funds from FY2025 and previous years                          | \$36,902,166    | \$36,612,321     | \$289,845      |
| Technical Assistance Base Funding (Item 362 A.2.)                                            | \$4,550,000     |                  | \$4,550,000    |
| Technical assistance funds associated with recordation revenues for FY27                     | \$1,300,000     |                  | \$1,300,000    |
| TOTAL ALLOCATION for FY27* (includes technical assistance funding provided in Item 362 A.2.) | \$347,745,684** | \$304,217,459 ** | \$43,528,225** |

The 2026 Appropriation Act provides for \$10,000,000 in Appropriation from the recordation tax fee, of which \$1,300,000 is being provided as supplemental base technical assistance. The remaining appropriation will be allocated as cost-share funding in FY2028.

\* The total allocation for FY2027 meets the funding levels established in the agricultural needs assessment developed in accordance with §10.1-2128.1 C.

\*\* The WQIF allocated for FY2027 cost-share portion of the total column includes \$113,000,000 held in reserve for the Districts participating in the Whole Farm Approach specifications, of which \$100,000,000 is available for the implementation of best management practices. The associated amount of technical assistance is also held in reserve (\$13,000,000). The cost-share portion of the allocation also includes the funding needed to provide for the central service adjustments shown in TABLE 4.

Chapters 725 and the 2026 Appropriation Act specify the distributions for the WQIF deposits, and the additional deposits to the Virginia Natural Resources Commitment Fund (VNRCF). Distributions within the CB and OCB shall be as follows:

**TABLE 3: FY27 Cost-share Allocations by Drainage Basin and Fund Source**

| Funding Source                                                      | Total                | Cost-share Portion of Total | Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB* | Cost-share Portion Allocated to Lands Exclusively OCB* |
|---------------------------------------------------------------------|----------------------|-----------------------------|----------------------------------------------------------------------------|--------------------------------------------------------|
| Deposit remaining from Chapter 725                                  | \$17,390,600         | \$17,390,600                | \$12,173,420                                                               | \$5,217,180                                            |
| WQIF general fund deposits                                          | \$145,719,475        | \$126,775,943               | \$88,743,160                                                               | \$38,032,783                                           |
| Interest deposit to the VNRCF                                       | \$58,000,000         | \$50,460,000                | \$35,322,000                                                               | \$15,138,000                                           |
| Reserve deposit to the VNRCF                                        | \$83,883,443         | \$72,978,595                | \$51,085,016                                                               | \$21,893,579                                           |
| Unobligated funds and returned funds from FY2025 and previous years | \$36,902,166         | \$36,612,321                | \$25,628,625                                                               | \$10,983,696                                           |
| <b>TOTAL</b>                                                        | <b>\$341,895,684</b> | <b>\$304,217,459</b>        | <b>\$212,952,221</b>                                                       | <b>\$91,265,238</b>                                    |

\* Amounts rounded to the nearest dollar.

**Spending Plan: Allocation of Appropriated Funds (Allocation Step D)**

Out of the amounts available for cost-share, the Spending Plan shall allocate funding to BMP practices associated with specific program elements as follows:

**TABLE 4: FY27 Cost-share Spending Plan by Drainage Basin and Fund Source**

| Program Element             | Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB | Cost-share Portion Allocated to Lands Exclusively OCB | Totals        |
|-----------------------------|---------------------------------------------------------------------------|-------------------------------------------------------|---------------|
| Total Available             | \$212,952,221                                                             | \$91,265,238                                          | \$304,217,459 |
| Central Service Adjustments | \$487,172                                                                 | \$208,788                                             | \$695,960     |
| VACS                        | \$212,465,049                                                             | \$91,056,450                                          | \$303,521,499 |

\*Rounded to the nearest dollar.

Specifics regarding the process by which such allocations are determined for each Program element within the spending plan are as follows:

## **Explanation of Spending Plan Distribution Components:**

### **Central Service Adjustments (Allocation Step D1)**

Chapter 1 (Part 3: Miscellaneous) annually applies charges (interfund transfers) to each Agency for expenses incurred by central service agencies associated with Agency funds. For FY27, charges for nongeneral funds are \$695,960 from 0900 funds. If a portion of these expenses need to be paid from cost-share amounts provided for in the Appropriation Act, it should be allocated from non-budgeted “cash transfer in (CTI)” funds or non-budgeted recordation fee tax deposits before reallocations are made.

### **VACS – Virginia Agricultural Best Management Practices Cost-Share Program Allocations (Allocation Step D2)**

After the other noted distributions have been met in the spending plan (SEE TABLE 4), there is \$303,521,499 available for distribution as VACS cost-share. (Table 3 outlines the drainage basin split and fund sources.) Specific allocations to Districts in FY27 shall be made using science-based targeting of funds so that areas with the greatest potential to contribute agricultural nonpoint source pollution have the financial resources to implement BMP to reduce nutrient and sediment contamination of surface and ground waters. The process utilized to make these allocations is called the Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process.

### **Agricultural Nonpoint Source Hydrologic Unit (HU) Ranking Process (Step E)**

The Department utilizes a component of Virginia’s Nonpoint Source Assessment to focus its cost-share allocations where funds can produce the greatest reductions in surface and ground water contamination. Currently, the 2026 Nonpoint Source Assessment represents the most recent information available for use. The Department utilizes the agricultural component of the most current and approved NPS assessment to focus agricultural cost-share funds.

Hydrologic unit assessment scores are calculated using a nonpoint source pollutant load simulation model and data developed by the Department, DEQ, and the Virginia Tech, Department of Biological Systems Engineering. The model includes statewide data from:

- Detailed land use from interpreted imagery supplemented with tillage practice data;
- USDA Cropland data;
- National Agricultural Statistics Service data;
- Grazing and manure application practices;
- Hydrologic soil groups;
- Average water content and K factors of all soils;
- Stream flows from gauge stations;
- Climate records from a multi-state area;
- Growing seasons;
- Dominant crop types by hydrologic unit;
- CB Watershed Model output;
- Animal numbers by type and location;
- Distribution and extent of agricultural conservation practices; and
- Slope.

Additional technical information regarding modeling processes are set out in Department documents titled: *2026 NPS Assessment and Prioritization Primer*.

The computer model estimates and ranks the pollutant loads of nitrogen, phosphorus, and sediment in 1,240 of the 1,251 6<sup>th</sup> level hydrologic units in Version 5 of Virginia's National Watershed Boundary Dataset (NWBD), each identified by a unique code (VAHU6). Those units not modeled are primarily water. Each of three per hectare agricultural pollutant loads are sorted Low to High and assigned their sort order for each Hydrologic Unit (HU). The rank score of a HU is the sum of these three values. For example:

| Hydrologic Unit (VAHU6) | Nitrogen Load Sort Order (NSEQ) | Phosphorous Load Sort Order (PSEQ) | Sediment Load Sort Order (SSEQ) | Sum (NSEQ + PSEQ + SSEQ) | Agricultural Pollutant Potential Rank |
|-------------------------|---------------------------------|------------------------------------|---------------------------------|--------------------------|---------------------------------------|
| PS14                    | 897                             | 1025                               | 918                             | 2840                     | High (H)                              |
| RA64                    | 962                             | 899                                | 447                             | 2308                     | Medium (M)                            |
| NE28                    | 417                             | 96                                 | 110                             | 623                      | Low (L)                               |

The higher the composite ranking score, the higher its potential to contribute agricultural NPS pollution (based on Nitrogen, Phosphorus, and Sediment loads). In accordance with this process, Attachment A includes the Unit Area Loads for Nitrogen (kg/Ag ha-yr), Phosphorus (kg/Ag ha-yr), and Sediment (mt/Ag ha-yr); the Sorted Sequence (Rank Order) between HUs for each pollutant's load; a Sum Order for each HU; and the resulting Agricultural Pollutant Potential Rank for each HU to be utilized in FY27 cost-share allocation computations.

The Department has designated the highest 20% of the ranked composite scores as High (H) potential, the middle 30% as Medium (M), and the lowest 50% are ranked Low (L) for their potential to contribute agricultural NPS pollution (natural breaking points in the data are looked for around these percentiles; not to exceed a 0.50 deviation).

For FY27 (see **Attachment A**) the data breaks were as follows:

**TABLE 5: Agricultural Pollutant Potential Ranking**

| Agricultural Pollutant Potential Rank | Number of HUs included | Percent of modeled HUs included | Percent of Ag land | Sum Order Range |
|---------------------------------------|------------------------|---------------------------------|--------------------|-----------------|
| H                                     | 249                    | 20.0                            | 21.29              | 2608-3526       |
| M                                     | 373                    | 30.0                            | 31.71              | 1789-2606       |
| L                                     | 618                    | 50.0                            | 47.00              | 3-1781          |
| Total                                 | 1240                   | 100.000                         | 100.000            |                 |

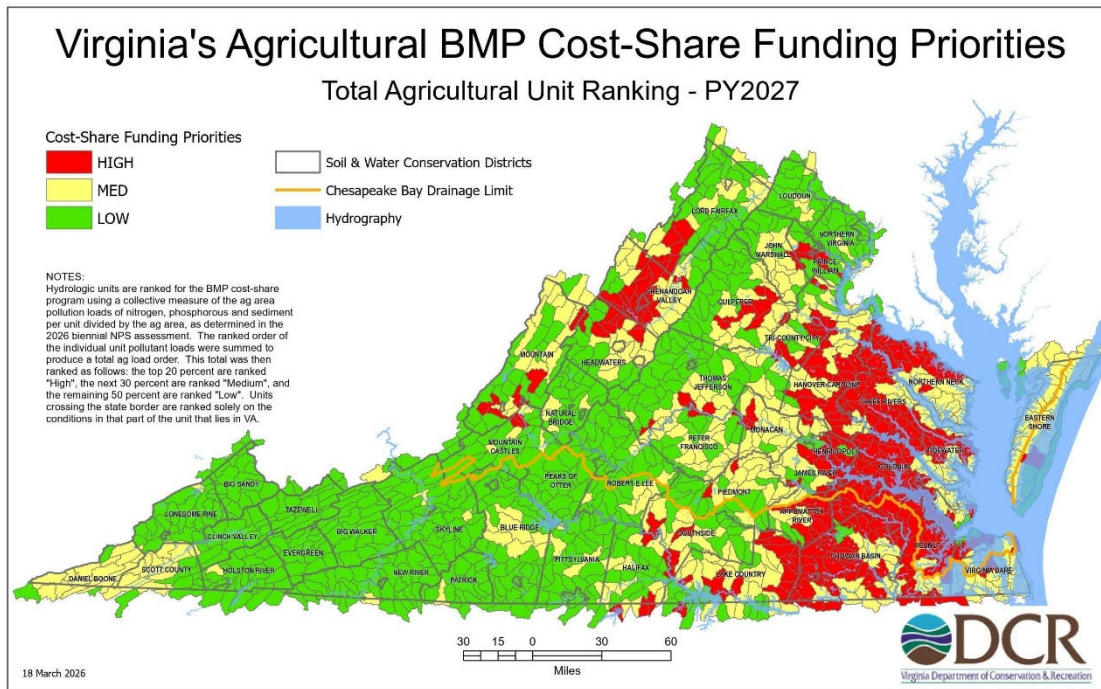
NOTE: Since the installation and distribution of BMPs implemented is part of the calculation of the agricultural NPS loads and ranking, the hydrologic units may change rankings if a large number of BMPs are implemented in a particular HU between assessments. Ranking changes tend to shift the funds between the HUs.

The next step is to compile the HU area (hectares or ha) designated as H, M, and L by county and the District geographic areas. Hydrologic unit boundaries are based upon naturally occurring drainage divides and do not often reflect county boundaries. As a result, any HU may be fully contained within a county or divided between two or more counties. Geographic Information System analysis allows the area (acres) of each ranked HU (H, M, and L) within a county boundary to be calculated and compared to the total number of acres of that pollutant ranking (H, M, and L) within each drainage basin (CB or OCB). The county area (acres) designated as H, M, and L are then rolled up to the 47 Districts. (Those HUs not within a District boundary have been removed from the analysis and do not contribute to the acreage total utilized in calculating the Cost-share Multiplier.)

Some Districts reside in the CB, some are located in only OCB areas, and some contain acreage in both. District drainage basin assignments are outlined in **Attachment B**.

Once a composite area (acres) for H, M, and L HUs has been calculated for each District by drainage basin, a H, M, and L cost-share multiplier based on percentage of agricultural acres in the District (for H, M, and L) compared to the drainage basin total (for H, M, and L) is calculated and then applied respectively to the amount of cost-share funding allocated to the H, M, and L pollutant load categories in the CB and OCB areas. This analysis is set out in **Attachment C**. **Attachment C** provides data by Drainage Basin (CB and OCB), District, Agricultural Pollutant Potential Rank (H, M, and L), Total Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin, and the resulting Percentage Rank (Cost-share Multiplier).

**Attachment D** provides a full-page version of the image below (**FIGURE 1**) depicting the statewide distribution of H, M, and L HUs by District and Drainage Basin.



**FIGURE 1: Virginia’s Agricultural BMP Cost-share Funding Priorities**

Utilizing the information in **Attachment C**, the next step is to determine how much of the available cost-share by drainage basin and funding type will be proportioned to H, M, and L HU areas. Percentage allocations are based on providing a high percentage of the funding to the waters with the most pollutant load based on nitrogen, phosphorus, and sediment. For FY27, the H ranked HUs are assigned 50 percent of the cost-share funds. The M ranked HUs are assigned 30 percent of the cost-share funds, while the L ranked HUs are assigned 20 percent of the cost-share funds.

**TABLE 6: FY27 Cost-share Allocations by Drainage Basin; Fund Source; and H, M, and L HU Areas\***

| Program Element                                        | Cost-share Portion Allocated to Lands Exclusively or Partly Within the CB (General Fund) | Cost-share Portion Allocated to Lands Exclusively OCB (General Fund) | Totals        |
|--------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------|
| VACS (after spending plan distributions – see TABLE 4) | \$212,465,049                                                                            | \$91,056,449.70                                                      | \$303,521,499 |
| H (50%)                                                | \$106,232,525                                                                            | \$45,528,225                                                         | \$151,760,749 |
| M (30%)                                                | \$63,739,515                                                                             | \$27,316,935                                                         | \$91,056,450  |
| L (20%)                                                | \$42,493,010                                                                             | \$18,211,290                                                         | \$60,704,300  |

\*Rounded to the nearest dollar.

The H, M, and L multipliers for each District are then applied to the amount of cost-share funds being made available in each drainage basin (CB and OCB) and funding source (General Funds and Recordation fee) as set out in **TABLE 6**. Each District's drainage basin's H, M, and L funds are then accumulated to provide a total funding amount for the cost-share allocation.

The following table shows FY27 District VACS cost-share allocations by drainage basin and under the cost-share total column, provides the cumulative cost-share allocations to each of the Districts.

**TABLE 7: FY27 District Cost-share Allocations by Drainage Basin**

| SWCD                 | VACS CB<br>Total | VACS OCB<br>Total | FY27 Cost-<br>Share Total<br>(VACS) |
|----------------------|------------------|-------------------|-------------------------------------|
| APPOMATTOX<br>RIVER  | \$597,632        | \$3,000,000       | \$3,597,632                         |
| BIG SANDY            | \$0              | \$35,000          | \$35,000                            |
| BIG WALKER           | \$0              | \$1,334,501       | \$1,334,501                         |
| BLUE RIDGE           | \$107,167        | \$1,600,000       | \$1,707,167                         |
| CHOWAN BASIN         | \$0              | \$13,457,940      | \$13,457,940                        |
| CLINCH VALLEY        | \$0              | \$800,000         | \$800,000                           |
| COLONIAL             | \$5,640,174      | \$0               | \$5,640,174                         |
| CULPEPER             | \$10,206,568     | \$0               | \$10,206,568                        |
| DANIEL BOONE         | \$0              | \$4,200,000       | \$4,200,000                         |
| EASTERN SHORE        | \$5,287,885      | \$2,021,607       | \$7,309,492                         |
| EVERGREEN            | \$0              | \$617,913         | \$617,913                           |
| HALIFAX              | \$0              | \$1,835,298       | \$1,835,298                         |
| HANOVER-<br>CAROLINE | \$9,952,723      | \$0               | \$9,952,723                         |
| HEADWATERS           | \$7,386,920      | \$0               | \$7,386,920                         |
| HENRICOPOLIS         | \$950,000        | \$0               | \$950,000                           |
| HOLSTON RIVER        | \$0              | \$1,034,129       | \$1,034,129                         |
| JAMES RIVER          | \$1,477,842      | \$900,000         | \$2,377,842                         |
| JOHN MARSHALL        | \$6,634,933      | \$0               | \$6,634,933                         |
| LAKE COUNTRY         | \$0              | \$4,000,000       | \$4,000,000                         |
| LONESOME PINE        | \$0              | \$400,000         | \$400,000                           |
| LORD FAIRFAX         | \$9,063,261      | \$0               | \$9,063,261                         |
| LOUDOUN              | \$4,487,353      | \$0               | \$4,487,353                         |
| MONACAN              | \$3,326,835      | \$0               | \$3,326,835                         |
| MOUNTAIN             | \$3,382,905      | \$0               | \$3,382,905                         |
| MOUNTAIN<br>CASTLES  | \$1,975,778      | \$350,000         | \$2,325,778                         |
| NATURAL BRIDGE       | \$2,837,885      | \$0               | \$2,837,885                         |
| NEW RIVER            | \$0              | \$2,000,000       | \$2,000,000                         |
| NORTHERN NECK        | \$10,396,929     | \$0               | \$10,396,929                        |
| NORTHERN<br>VIRGINIA | \$150,000        | \$0               | \$150,000                           |
| PATRICK              | \$0              | \$500,000         | \$500,000                           |
| PEAKS OF OTTER       | \$336,180        | \$1,400,000       | \$1,736,180                         |
| PEANUT               | \$6,685,477      | \$9,420,475       | \$16,105,952                        |
| PETER<br>FRANCISCO   | \$3,510,311      | \$0               | \$3,510,311                         |
| PIEDMONT             | \$4,254,087      | \$268,353         | \$4,522,440                         |

|                    |                      |                     |                      |
|--------------------|----------------------|---------------------|----------------------|
| PITTSYLVANIA       | \$0                  | \$1,661,390         | \$1,661,390          |
| PRINCE WILLIAM     | \$1,806,685          | \$0                 | \$1,806,685          |
| ROBERT E. LEE      | \$2,408,087          | \$1,439,569         | \$3,847,656          |
| SCOTT COUNTY       | \$0                  | \$1,143,881         | \$1,143,881          |
| SHENANDOAH VALLEY  | \$8,035,934          | \$0                 | \$8,035,934          |
| SKYLINE            | \$102,892            | \$2,009,667         | \$2,112,559          |
| SOUTHSIDE          | \$101,553            | \$2,372,389         | \$2,473,942          |
| TAZEWELL           | \$0                  | \$800,000           | \$800,000            |
| THOMAS JEFFERSON   | \$9,429,671          | \$0                 | \$9,429,671          |
| THREE RIVERS       | \$12,300,258         | \$0                 | \$12,300,258         |
| TIDEWATER          | \$5,584,765          | \$0                 | \$5,584,765          |
| TRI-COUNTY/CITY    | \$3,731,640          | \$0                 | \$3,731,640          |
| VIRGINIA DARE      | \$314,719            | \$2,454,338         | \$2,769,057          |
| <b>Grand Total</b> | <b>\$142,465,049</b> | <b>\$61,056,450</b> | <b>\$203,521,499</b> |

\*Rounded to the nearest dollar.

NOTE: The distribution of cost-share allocations is dependent on income and state finances. See the procedure outlined in Part 13: Criteria for Cost-Share and Technical Assistance for what procedures are implemented should funding availability fall short of appropriation projections.

#### **6. Deputy Director Approved Transfer of Cost-share (and Technical Assistance):**

After Grant Agreement issuance, Districts may choose to work with the Department to determine if cost-share allocations should be transferred from one District to another District to maximize water quality improvements. Cost-share shall not be transferred between CB and OCB drainage allocations. Prior to a District Board taking formal action to either transfer cost-share allocation or to accept additional cost-share allocation, the Conservation District Coordinator(s) assigned to each District must authorize the transfer or acceptance of cost-share allocation. Adjustments in the cost-share allocations that are approved by the Conservation District Coordinator(s) and the District Boards shall be advanced through the Division's Central Office to the Deputy Director for consideration as District contract adjustments. A completed Transfer of Virginia Agricultural Best Management Practices Cost-Share Program (VACS) Allocated Cost-Share Funds Form 199-225 (Form) from the affected Districts will be required to document their approval of the recommended transaction. The completed Form regarding reallocations/transfers shall be routed to the Comptroller to update the Department's records. For amounts already distributed to Districts, funds shall be returned back to the Department, or deducted from the next quarterly FY27 disbursement(s) for redistribution to the approved receiving District (accordingly such funds shall not be directly sent between Districts). A proportional amount (12%) of Technical Assistance shall be transferred with the cost-share funds. Such motions and all documentation required to execute the voluntary transfer of cost-share must be submitted to the Department prior to June 1, 2027.

Additionally, should a District decline a recommended cost-share allocation, technical assistance allocations may also be reduced accordingly if such an allocation has been

recommended. Aside from transfers of funds approved under this Section, no other movements of cost-share or technical assistance funding may occur between Districts.

## **7. Targeting the Expenditure of Cost-share Funds in each District to Maximize Water Quality Improvements:**

Once cost-share has been allocated to Districts, cost-share expenditures within Districts, in accordance with the VACS mission (See Part 2), should be targeted towards maximizing nutrient and sediment reductions by implementing the most cost-effective BMPs possible in locations that achieve the greatest pollutant reductions on a field by field basis. The VACS Program gives Districts the responsibility to determine the recipients of state cost-share funds. The better the Districts recruit and evaluate applications, the more successful the local program will be at improving local water quality. Participants are to be recruited based upon those primary and secondary factors, which most influence their existing land uses impact upon water quality. The objective of the VACS Program is to solve water quality problems by fixing the worst problems first on a field by field basis. The 2026 agricultural non-point source ranking of the National Watershed Boundary Dataset units (VAHU6) currently provides the most accurate identification at a landscape scale, of the lands with the greatest potential to contribute agricultural non-point source pollution into Virginia's rivers and streams.

Statewide water quality considerations shall be used by all Districts to qualify cost-share applications for District Board consideration for funding. Districts should prioritize the implementation of appropriate BMPs that will reduce the greatest amount of nutrient and sediment contamination while utilizing the least amount of cost-share funds to address site-specific water quality problems in identified HU priority watersheds with all program cost-share funds. Additional programmatic guidelines and specific criteria related to both priority and secondary considerations are set out in the *Program Year 2027 Virginia Agricultural Cost-Share (VACS) BMP Manual*.

Districts shall be prepared to verify and document that their cost-share allocations are being spent in accordance with the priority considerations, their approved secondary considerations, and in accordance with the *Program Year 2027 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Each District shall, when comparing projects for cost-share funding, utilize the Conservation Efficiency Factor (CEF). A CEF is calculated by the AgBMP Tracking Module and uses eleven different components, including installation costs and soil loss data that is input by the District, as well as the environmental information associated with the location of the practice to generate a factor that can be used to rank the proposed practice compared with other instances of the same BMPs as well as instances of other BMPs (See **TABLE 8**). Although the CEF can be used to rank different BMPs it will more accurately rank different BMPs that are oriented toward reduction of the same contaminate with the lower the value the more preferred the project.

The relative weights of **TABLE 8** reflect the weight distribution of the CEF components for practices where every component is used in the final CEF calculation. For many practices one or more of these components is not used and the relative weights of the point variables that are used will therefore be proportionally increased. Details on this procedure may be found in a

Department discussion document titled *Assignment of Priority Values to BMP Instances at the Time of District ACSTP Data Entry*.

**TABLE 8: CEF Ranking Components and Values**

| <b>Ranking Component</b>                              | <b>Relative Weight</b> | <b>Value Range</b>                                                  | <b>Point or Credit Variable</b> | <b>Assigned Rank Points</b>       |
|-------------------------------------------------------|------------------------|---------------------------------------------------------------------|---------------------------------|-----------------------------------|
| Deliverable Sediment Reduction Cost Efficiency points | 12.5                   | not calculated / equation results                                   | DSEDXCE_P                       | 0 / 1 - 10                        |
| Priority Practice points                              | 16.25                  | yes / maintenance / no                                              | PRI_P                           | 1 / 9 / 13                        |
| NPS Ag Priority Hydrologic Unit points                | 16.25                  | not used / Ag Priorities SUM Order                                  | NPSAG_P                         | 0 / 1 - 13                        |
| NPS Biological Priority HU credit                     | 5.0                    | 2+ flags / 1 flag / none                                            | NPSBIO_C                        | -4 / -2 / 0                       |
| Ag Bacteria Impairment Area points                    | 6.25                   | Not used/7/6/5/4/3/2/1/0                                            | BIMP_P                          | 0 / 1 / 2 / 1 / 3 / 1 / 4 / 1 / 5 |
| Ag Nutrient Impairment Area points                    | 6.25                   | Not used/7/6/5/4/3/2/1/0                                            | NIMP_P                          | 0 / 1 / 1 / 4 / 4 / 1 / 1 / 4 / 5 |
| Septic Impairment Area points                         | 6.25                   | Not used/7/6/5/4/3/2/1/0                                            | SIMP_P                          | 0 / 1 / 1 / 1 / 1 / 2 / 4 / 3 / 5 |
| Chesapeake Bay Program Efficiency credit              | 3.75                   | >50% / 35-50% / <35% / not reported                                 | CBEFF_C                         | -3 / -2 / -1 / 0                  |
| Practice Contract Period points                       | 6.25                   | 1 - 15                                                              | PCP_P                           | 1 - 5                             |
| Installation Cost Efficiency points                   | 15.00                  | not calculated / equation results                                   | ICE_P                           | 0 / 1 - 12                        |
| Environmental Preferences credit                      | 6.25                   | % hardwood or % early/rye cover or buffer width and contract period | ENV_C                           | 0 / -5 - 0                        |

Final approval of practice funding is the responsibility of the local District Board of Directors. All actions taken must be voted upon and the outcome recorded in the minutes of the meeting where such action is taken. Districts should be prepared to verify and document that their cost-

share allocations are being spent in accordance with their priority and secondary considerations and in accordance with the *Program Year 2027 Virginia Agricultural Cost Share (VACS) BMP Manual*.

Any application must meet appropriate technical agency standards and specifications of that practice before cost-share payment is made. Payment is issued after the participant and technical representative have certified practice installation in their Virginia BMP Incentives Contract. The amount of the cost-share payment is calculated based upon the approved estimated cost or eligible actual cost whichever is less. When completed practices are scheduled for combined funding from a District and other sources, the District cost-share payment must reflect the balance due (not to exceed the amount approved by the District for the cost-share payment) after payment has been approved or issued by the other sources. Total VACS cost-share payments must not exceed the amount allowed within the *Program Year 2027 Virginia Agricultural Cost Share (VACS) BMP Manual*, or this Policy.

Department personnel will confer with District staff at least quarterly to determine their projected needs for cost-share payments for projected completed BMPs. Department personnel will generate a disbursement letter based upon the projected needs and AgBMP Tracking Module data showing obligations.

#### **8. Cost-share Funding Caps:**

For FY27, the VACS applicant cost-share limit or “cap” is \$300,000/applicant/year. This cap is automatically monitored for any applicant across Districts based upon data available from within the AgBMP Tracking Module.

- Each District Board may establish an applicant cost-share limit or “cap” for the program year which may not exceed the program applicant cost-share limit. Applicants may receive the amount of the District established cost-share limits or “caps” for implemented BMPs as long as the amount does not exceed the established programmatic cost-share limit or “cap”. This cap is automatically monitored for any applicant across Districts based upon data available from within the AgBMP Tracking Module. Districts may view all approved cost-share funds for a participant by utilizing the “participant’s contracts” button. This authority to set District cost-share limits in accordance with the provisions of this paragraph does not extend to RMP-1 and RMP-2 practices.
- Cost-share funds received for RMP-1 and RMP-2 practices do not contribute to a participant’s annual cost-share cap for other specified practices. Additionally, certain initiatives, such as the *Small Herd Initiative*, do not contribute to a producer’s annual cost-share cap.
- Certain practices, such as the WFA-CC and the WFA-NM, are authorized to exceed the annual cost-share cap.

A producer may be eligible to receive a variance from the cap in accordance with the procedures established in the *Program Year 2027 Virginia Agricultural Cost-Share (VACS) BMP Manual*.

State participant caps are based upon the fiscal year that the practice is approved rather than the fiscal year in which the cost-share payment is distributed. This allows each participant to maximize the amount of cost-share that they may receive in each fiscal year.

#### **9. Reallocation of Cost-Share:**

Following the end of each fiscal year, the Board shall reallocate (redistribute) unobligated VACS allocations, including unobligated funds from prior fiscal years, and unobligated CREP or RCPP funds (keeping cost-share within the drainage basin it was originally allocated within). These funds will be used for VACS programmatic priorities which may include funding for Chesapeake Bay Watershed Implementation Plan implementation or targeted agricultural BMPs. VACS funds that have not been approved by the District's Board of Directors by June 15, 2027 to fund an existing cost-share application are considered to be unobligated and must be returned to the Department.

A proportional amount (12%) of technical assistance funds shall be returned with any unobligated FY2027 cost-share funds.

For any contracts that (i) were entered into prior to FY2027, (ii) were carried over in accordance with the guidelines established in the applicable Virginia Agricultural Cost-Share (VACS) BMP Manual, and (iii) were cancelled after the fiscal year in which the contract was entered into:

- The District is authorized to reobligate the cost-share funds associated with the cancelled contract to new contracts during FY2027;
- The District must return to the Department any cost-share funds associated with the cancelled contract that are not reobligated by the end of FY2027; and
- The District is not required to return any technical assistance funds associated with the cancelled contract's cost-share funds.

Reallocation cost-share amounts and the associated technical assistance amounts shall be specifically noted in cost-share disbursement letters to Districts and become part of the financial record.

#### **10. Allocation Process for Technical Assistance:**

Technical assistance funds are made available to Districts by the Department for VACS Program implementation by District technical staff. FY27 technical assistance fund allocations approved in the amount \$4,550,000 represents a base allocation for FY27 for technical assistance; an additional \$1,300,000 of technical assistance provided through recordation revenues is being used as supplemental base technical assistance for FY2027. Technical assistance funding provided in addition to the base will be distributed proportionally to the allocation of cost-share funding provided. Results for FY27 (Total Technical assistance allocations by District) are presented in **TABLE 9**. In future years, should technical assistance amounts available fall below the \$4,550,000 base level, total technical assistance to Districts would be proportionally reduced.

**TABLE 9: FY27 Technical Assistance Computations and District Allocations**

| SWCD              | FY27 Cost-Share Total (VACS) | FY27 TA Addition to the FY27 TA Base | FY27 TA Base | FY27 Total Technical Assistance Allocated |
|-------------------|------------------------------|--------------------------------------|--------------|-------------------------------------------|
| APPOMATTOX RIVER  | \$3,597,632                  | \$436,235                            | \$82,032     | \$518,267                                 |
| BIG SANDY         | \$35,000                     | \$4,244                              | \$31,195     | \$35,439                                  |
| BIG WALKER        | \$1,334,501                  | \$161,817                            | \$37,606     | \$199,423                                 |
| BLUE RIDGE        | \$1,707,167                  | \$207,005                            | \$61,526     | \$268,531                                 |
| CHOWAN BASIN      | \$13,457,940                 | \$1,631,857                          | \$132,878    | \$1,764,735                               |
| CLINCH VALLEY     | \$800,000                    | \$97,005                             | \$94,993     | \$191,998                                 |
| COLONIAL          | \$5,640,174                  | \$683,905                            | \$139,348    | \$823,253                                 |
| CULPEPER          | \$10,206,568                 | \$1,237,609                          | \$458,841    | \$1,696,450                               |
| DANIEL BOONE      | \$4,200,000                  | \$509,276                            | \$105,253    | \$614,529                                 |
| EASTERN SHORE     | \$7,309,492                  | \$886,321                            | \$108,417    | \$994,738                                 |
| EVERGREEN         | \$617,913                    | \$74,927                             | \$85,876     | \$160,803                                 |
| HALIFAX           | \$1,835,298                  | \$222,542                            | \$117,282    | \$339,824                                 |
| HANOVER-CAROLINE  | \$9,952,723                  | \$1,206,828                          | \$183,447    | \$1,390,275                               |
| HEADWATERS        | \$7,386,920                  | \$895,709                            | \$230,282    | \$1,125,991                               |
| HENRICOPOLIS      | \$950,000                    | \$115,194                            | \$52,486     | \$167,680                                 |
| HOLSTON RIVER     | \$1,034,129                  | \$125,395                            | \$137,257    | \$262,652                                 |
| JAMES RIVER       | \$2,377,842                  | \$288,328                            | \$49,998     | \$338,326                                 |
| JOHN MARSHALL     | \$6,634,933                  | \$804,526                            | \$212,848    | \$1,017,374                               |
| LAKE COUNTRY      | \$4,000,000                  | \$485,026                            | \$170,851    | \$655,877                                 |
| LONESOME PINE     | \$400,000                    | \$48,502                             | \$52,693     | \$101,195                                 |
| LORD FAIRFAX      | \$9,063,261                  | \$1,098,976                          | \$269,166    | \$1,368,142                               |
| LOUDOUN           | \$4,487,353                  | \$544,119                            | \$213,932    | \$758,051                                 |
| MONACAN           | \$3,326,835                  | \$403,400                            | \$150,740    | \$554,140                                 |
| MOUNTAIN          | \$3,382,905                  | \$410,199                            | \$62,910     | \$473,109                                 |
| MOUNTAIN CASTLES  | \$2,325,778                  | \$282,015                            | \$48,809     | \$330,824                                 |
| NATURAL BRIDGE    | \$2,837,885                  | \$344,111                            | \$87,968     | \$432,079                                 |
| NEW RIVER         | \$2,000,000                  | \$242,512                            | \$63,997     | \$306,509                                 |
| NORTHERN NECK     | \$10,396,929                 | \$1,260,691                          | \$151,261    | \$1,411,952                               |
| NORTHERN VIRGINIA | \$150,000                    | \$18,188                             | \$22,248     | \$40,436                                  |
| PATRICK           | \$500,000                    | \$60,628                             | \$88,384     | \$149,012                                 |
| PEAKS OF OTTER    | \$1,736,180                  | \$210,522                            | \$48,128     | \$258,650                                 |
| PEANUT            | \$16,105,952                 | \$1,952,944                          | \$198,971    | \$2,151,915                               |
| PETER FRANCISCO   | \$3,510,311                  | \$425,646                            | \$94,644     | \$520,290                                 |
| PIEDMONT          | \$4,522,440                  | \$548,373                            | \$125,124    | \$673,497                                 |
| PITTSYLVANIA      | \$1,661,390                  | \$201,454                            | \$155,132    | \$356,586                                 |
| PRINCE WILLIAM    | \$1,806,685                  | \$219,071                            | \$58,367     | \$277,438                                 |
| ROBERT E. LEE     | \$3,847,656                  | \$466,551                            | \$81,022     | \$547,573                                 |
| SCOTT COUNTY      | \$1,143,881                  | \$138,702                            | \$80,457     | \$219,159                                 |
| SHENANDOAH VALLEY | \$8,035,934                  | \$974,405                            | \$309,962    | \$1,284,367                               |

|                  |               |              |             |              |
|------------------|---------------|--------------|-------------|--------------|
| SKYLINE          | \$2,112,559   | \$256,160    | \$139,122   | \$395,282    |
| SOUTHSIDE        | \$2,473,942   | \$299,980    | \$80,789    | \$380,769    |
| TAZEWELL         | \$800,000     | \$97,005     | \$69,432    | \$166,437    |
| THOMAS JEFFERSON | \$9,429,671   | \$1,143,405  | \$258,538   | \$1,401,943  |
| THREE RIVERS     | \$12,300,258  | \$1,491,481  | \$144,433   | \$1,635,914  |
| TIDEWATER        | \$5,584,765   | \$677,186    | \$76,853    | \$754,039    |
| TRI-COUNTY/CITY  | \$3,731,640   | \$452,484    | \$150,013   | \$602,497    |
| VIRGINIA DARE    | \$2,769,057   | \$335,766    | \$74,489    | \$410,255    |
| Grand Total      | \$203,521,499 | \$24,678,225 | \$5,850,000 | \$30,528,225 |

\*Rounded to the nearest dollar.

## 11. Disbursement Schedule

FY27 Technical assistance allocations (See **TABLE 9**) shall be disbursed to Districts over FY26 in accordance with the following procedures. After the FY26 Fourth Quarter and End of Year reports (including District's End of Year Cash Balance Report and Carry Over Report) have been submitted to the Department, the FY27 Grant Agreement has been executed and a copy of the executed Agreement has been returned to the Department, all of the District's FY27 base technical assistance allocation shall be disbursed during the first quarter of FY27.

FY27 cost-share funds will be disbursed quarterly after Department personnel and District staff determine each District's obligations for cost-share contracts in that quarter. FY27 additional technical assistance funds will be disbursed proportionally (12%) with the cost-share funds, provided updates to the AgBMP Tracking Module are being entered monthly to the satisfaction of the Department. Except due to extenuating circumstances or as otherwise set out in the Grant Agreement, disbursements to Districts will be executed within 45 calendar days following the beginning of a quarter contingent upon the satisfactory completion of database updates and the receipt of complete and accurate reports.

Should new FY27 funding be transferred between Districts or reallocated, technical assistance funds noted in the column "FY27 TA Addition to the FY27 TA Base" shall proportionally be transferred with the cost-share.

## 12. Signatures on the VACS Contract

For any practice funded in whole or in part by the VACS Program, a VACS contract must be completed and signed in its entirety by both the appropriate District staff, District Director, and the participant. For any practice marked complete and issued payment on or after July 1, 2022, failure to obtain the appropriate signatures on a VACS contract in its entirety will result in the amount provided in VACS cost-share funding for the practice, including the associated technical assistance funding, being withheld from the District's cost-share and technical assistance allocation for the next fiscal year by the Department. VACS cost-share files will be examined during financial audits, administrative cost share file reviews, and verifications to ensure the appropriate signatures have been obtained.

**13. Noncompliance with this Policy:**

In the event any District fails to comply with the provisions of this Policy, the Department reserves the right to require repayment of previously issued funds and/or direct further appropriate actions based upon noncompliance circumstances. Should an issue arise that impacts funding, the affected District(s) will be apprised of the issue(s) and will be provided an opportunity to address the concerns to the Department prior to Department action.

**14. Unexpected State Funds Maintained by Districts:**

Following the submission of the District's End of Year Cash Balance Report, all unobligated funds will be returned to the Department for reallocation in accordance with Section 9. Public funds from local, state, and federal sources are provided to Districts not for savings, but for performance of conservation and other required deliverables. It is unadvisable for any District to accumulate more than twelve months of Technical Assistance funds. The Department will monitor the growth of unexpended funds through audit reports and other fiscal reports generated by or at the request of the Department. The Department may reduce future funding to Districts that fail to act upon guidance and recommendations from auditors and the Department. Decisions and Department actions will be addressed on a case-by-case basis working with the affected District.

**15. Criteria for Cost-share and Technical Assistance:**

Funding allocated to Districts as cost-share and technical assistance is contingent upon appropriations by the General Assembly. Should funding availability fall short of appropriation projections during the course of FY27, after the Department has utilized all unallocated and unobligated balances it may have available (such as CTI), every District will receive an equal percent reduction which will be calculated and deducted from each District's unobligated total approved cost-share and technical assistance funding specified within the Department/District Grant Agreement. When a reduction of funds is necessary, the Department will make reductions from available unobligated cost-share first and reduce technical assistance last. Should a reduction of funds occur, every District must return funding within 30 days of receiving notice of such reduction from the Department. Should all cost-share and technical assistance funding within a District be obligated and it becomes necessary to reduce such funds, then adjustments will be made to the next fiscal year's spending plan to honor existing commitments from the prior fiscal year first or during reallocation as determined by the Department. The Department shall refer to working papers for fund source allocations for cost-share and for technical assistance to guide reductions as may be necessary.

In the event a new District is formed or an existing District alters its boundaries, the Board will examine the total financial resources under its control and its priorities for use of these funds and adhere to its Policy titled Financial Commitments For Establishment of a New Soil & Water Conservation District (SWCD/district), or Realignment of an Existing District on all funding decisions in this Policy. The newly created or altered District may be funded at a reduced level, or may be required to share funding in an arrangement determined by the Board until sufficient funding is made available to fulfill provisions of this Policy and priorities of the Board.

Expenditure of District funds, regardless of source, will be made without regard to any person's race, color, religion, sex, age, national origin, handicap, or political affiliation.

All funds received by Districts are public funds and provisions of the Freedom of Information Act shall apply to financial records, unless otherwise specified within the Act or elsewhere in the *Code of Virginia*. Each District shall safeguard, provide accountability, and expend funds only for approved purposes.

**16. Electronic Copy:**

An electronic copy of this Policy guidance in PDF format is available on the Department of Conservation and Recreation's website at <http://www.dcr.virginia.gov/laws-and-regulations/lr8b>.

**17. Contact Information:**

Please contact the Department of Conservation and Recreation's Soil and Water Conservation Division by calling the Division's administrative support at 804-225-3653 with any questions regarding the application of this Policy. The call shall be referred to program staff accordingly.

**18. Authorization:**

Upon the approval of this Policy, the Department shall, in accordance with its fiduciary powers and responsibilities, make and enter into any and all Grant Agreements and contracts, and take all actions necessary, to fully implement and administer this Policy.

**19. Adoption, Amendments, and Repeal:**

This document supersedes the Policy titled Policy and Procedures on Soil and Water Conservation District Cost-Share and Technical Assistance Funding Allocations (Fiscal Year 2026) adopted May 28, 2025 and will remain in effect until rescinded or superseded.

## Attachment A

### Computer Model Estimates and Ranks Based on the 2026 305(b) Report Data of the Agricultural Pollutant Loads of Nitrogen (N), Phosphorus (P), and Sediment (S) in Each of the 1,240 6<sup>th</sup> Level Hydrologic Units (HU)

(kg/Ag ha-yr – kilograms per agricultural hectare per year; mt/Ag ha-yr – metric tons per agricultural hectare per year)

| 2026 Report Dataset | Unit Area Loads - 2026 |                    |                    | Sorted Sequence (Rank Order) Between HUs For Each Pollutant Unit Load |      |      |           |                                       |      |
|---------------------|------------------------|--------------------|--------------------|-----------------------------------------------------------------------|------|------|-----------|---------------------------------------|------|
| VAHU6               | Ag N (kg/Ag ha-yr)     | Ag P (kg/Ag ha-yr) | Ag S (mt/Ag ha-yr) | NSEQ                                                                  | PSEQ | SSEQ | Sum Order | Agricultural Pollutant Potential Rank | Row# |
| AS03                | 90.68                  | 3.58               | 1.34               | 1199                                                                  | 1196 | 1131 | 3526      | HIGH                                  | 1    |
| JL34                | 53.81                  | 1.90               | 1.96               | 1167                                                                  | 1141 | 1186 | 3494      | HIGH                                  | 2    |
| CU56                | 46.63                  | 2.30               | 1.80               | 1139                                                                  | 1173 | 1180 | 3492      | HIGH                                  | 3    |
| CU60                | 48.28                  | 1.94               | 1.89               | 1144                                                                  | 1146 | 1183 | 3473      | HIGH                                  | 4    |
| JL36                | 51.41                  | 2.05               | 1.41               | 1157                                                                  | 1152 | 1143 | 3452      | HIGH                                  | 5    |
| JL37                | 47.92                  | 1.97               | 1.51               | 1143                                                                  | 1147 | 1155 | 3445      | HIGH                                  | 6    |
| CU59                | 46.10                  | 2.26               | 1.39               | 1134                                                                  | 1169 | 1139 | 3442      | HIGH                                  | 7    |
| CU58                | 41.42                  | 1.71               | 2.20               | 1105                                                                  | 1118 | 1196 | 3419      | HIGH                                  | 8    |
| CU38                | 46.27                  | 1.67               | 1.44               | 1137                                                                  | 1110 | 1145 | 3392      | HIGH                                  | 9    |
| CU15                | 36.80                  | 1.68               | 1.81               | 1074                                                                  | 1114 | 1181 | 3369      | HIGH                                  | 10   |
| JL39                | 45.75                  | 1.82               | 1.22               | 1132                                                                  | 1133 | 1098 | 3363      | HIGH                                  | 11   |
| PL69                | 33.01                  | 1.76               | 3.03               | 1039                                                                  | 1124 | 1200 | 3363      | HIGH                                  | 12   |
| CU55                | 45.27                  | 1.70               | 1.27               | 1129                                                                  | 1117 | 1115 | 3361      | HIGH                                  | 13   |
| CU57                | 41.96                  | 1.64               | 1.36               | 1110                                                                  | 1106 | 1136 | 3352      | HIGH                                  | 14   |

|      |       |      |      |      |      |      |      |      |    |
|------|-------|------|------|------|------|------|------|------|----|
| CU37 | 42.94 | 1.66 | 1.30 | 1117 | 1109 | 1123 | 3349 | HIGH | 15 |
| JL32 | 35.70 | 1.47 | 1.94 | 1064 | 1083 | 1184 | 3331 | HIGH | 16 |
| JL11 | 40.38 | 1.40 | 1.61 | 1098 | 1068 | 1164 | 3330 | HIGH | 17 |
| CM26 | 44.09 | 1.82 | 1.15 | 1122 | 1134 | 1071 | 3327 | HIGH | 18 |
| JU26 | 24.90 | 2.56 | 1.78 | 956  | 1179 | 1178 | 3313 | HIGH | 19 |
| JL24 | 40.22 | 1.58 | 1.29 | 1096 | 1097 | 1119 | 3312 | HIGH | 20 |
| JL33 | 41.26 | 1.71 | 1.20 | 1104 | 1120 | 1088 | 3312 | HIGH | 21 |
| JL27 | 36.06 | 1.32 | 2.14 | 1068 | 1049 | 1192 | 3309 | HIGH | 22 |
| JL41 | 43.66 | 1.75 | 1.13 | 1120 | 1123 | 1065 | 3308 | HIGH | 23 |
| CU52 | 46.29 | 1.67 | 1.10 | 1138 | 1111 | 1055 | 3304 | HIGH | 24 |
| JL25 | 38.10 | 1.31 | 1.63 | 1082 | 1046 | 1165 | 3293 | HIGH | 25 |
| YO62 | 36.15 | 1.29 | 1.73 | 1070 | 1041 | 1174 | 3285 | HIGH | 26 |
| CM19 | 35.73 | 1.40 | 1.45 | 1065 | 1065 | 1147 | 3277 | HIGH | 27 |
| JL26 | 34.42 | 1.25 | 2.16 | 1054 | 1030 | 1193 | 3277 | HIGH | 28 |
| JL14 | 35.75 | 1.43 | 1.39 | 1066 | 1071 | 1138 | 3275 | HIGH | 29 |
| JA36 | 34.54 | 1.27 | 1.73 | 1057 | 1035 | 1173 | 3265 | HIGH | 30 |
| YO54 | 38.08 | 1.38 | 1.30 | 1081 | 1062 | 1122 | 3265 | HIGH | 31 |
| CU53 | 47.20 | 1.71 | 1.00 | 1142 | 1119 | 1002 | 3263 | HIGH | 32 |
| RA53 | 33.72 | 1.20 | 1.99 | 1049 | 1013 | 1188 | 3250 | HIGH | 33 |
| JL07 | 42.80 | 1.53 | 1.07 | 1116 | 1092 | 1041 | 3249 | HIGH | 34 |
| AO23 | 49.01 | 1.86 | 0.95 | 1147 | 1138 | 962  | 3247 | HIGH | 35 |
| JL01 | 40.26 | 1.41 | 1.11 | 1097 | 1069 | 1061 | 3227 | HIGH | 36 |
| CU25 | 41.00 | 1.52 | 1.06 | 1102 | 1091 | 1030 | 3223 | HIGH | 37 |
| JL04 | 40.84 | 1.47 | 1.06 | 1101 | 1082 | 1036 | 3219 | HIGH | 38 |
| JL22 | 36.05 | 1.31 | 1.24 | 1067 | 1047 | 1104 | 3218 | HIGH | 39 |
| JL15 | 28.31 | 1.22 | 2.26 | 996  | 1023 | 1197 | 3216 | HIGH | 40 |
| CU31 | 38.74 | 1.92 | 0.98 | 1086 | 1144 | 984  | 3214 | HIGH | 41 |
| JL10 | 39.41 | 1.35 | 1.12 | 1091 | 1055 | 1064 | 3210 | HIGH | 42 |
| JL30 | 30.10 | 1.25 | 1.64 | 1013 | 1029 | 1166 | 3208 | HIGH | 43 |

|      |       |      |      |      |      |      |      |      |    |
|------|-------|------|------|------|------|------|------|------|----|
| JL29 | 46.94 | 1.61 | 0.95 | 1141 | 1100 | 964  | 3205 | HIGH | 44 |
| PL67 | 26.36 | 1.46 | 1.51 | 966  | 1080 | 1154 | 3200 | HIGH | 45 |
| CM20 | 52.96 | 1.98 | 0.83 | 1164 | 1149 | 882  | 3195 | HIGH | 46 |
| JL43 | 49.06 | 2.06 | 0.84 | 1148 | 1154 | 892  | 3194 | HIGH | 47 |
| CU28 | 44.62 | 1.62 | 0.95 | 1125 | 1102 | 966  | 3193 | HIGH | 48 |
| CU41 | 33.71 | 1.29 | 1.24 | 1048 | 1040 | 1103 | 3191 | HIGH | 49 |
| CU45 | 41.99 | 3.92 | 0.83 | 1111 | 1200 | 876  | 3187 | HIGH | 50 |
| JL13 | 36.13 | 1.28 | 1.18 | 1069 | 1038 | 1079 | 3186 | HIGH | 51 |
| JL12 | 37.22 | 1.43 | 1.05 | 1077 | 1072 | 1026 | 3175 | HIGH | 52 |
| CU44 | 49.29 | 1.81 | 0.84 | 1150 | 1130 | 891  | 3171 | HIGH | 53 |
| JL46 | 43.53 | 1.73 | 0.88 | 1119 | 1122 | 928  | 3169 | HIGH | 54 |
| CU61 | 52.95 | 2.09 | 0.79 | 1163 | 1159 | 846  | 3168 | HIGH | 55 |
| CM18 | 29.79 | 1.19 | 1.46 | 1009 | 1010 | 1148 | 3167 | HIGH | 56 |
| JL05 | 31.50 | 1.15 | 1.35 | 1026 | 995  | 1132 | 3153 | HIGH | 57 |
| JU34 | 21.67 | 1.44 | 1.53 | 922  | 1074 | 1156 | 3152 | HIGH | 58 |
| YO59 | 29.92 | 1.10 | 1.59 | 1011 | 978  | 1162 | 3151 | HIGH | 59 |
| CU54 | 45.43 | 1.66 | 0.84 | 1131 | 1108 | 894  | 3133 | HIGH | 60 |
| PL66 | 23.98 | 1.25 | 1.60 | 943  | 1026 | 1163 | 3132 | HIGH | 61 |
| JL42 | 46.13 | 1.81 | 0.82 | 1135 | 1129 | 867  | 3131 | HIGH | 62 |
| CM24 | 39.88 | 1.55 | 0.90 | 1094 | 1095 | 938  | 3127 | HIGH | 63 |
| JL03 | 32.46 | 1.21 | 1.16 | 1035 | 1015 | 1073 | 3123 | HIGH | 64 |
| JL40 | 40.67 | 1.59 | 0.86 | 1100 | 1098 | 915  | 3113 | HIGH | 65 |
| JL23 | 32.85 | 1.22 | 1.08 | 1038 | 1020 | 1046 | 3104 | HIGH | 66 |
| RA57 | 30.60 | 1.08 | 1.25 | 1019 | 972  | 1108 | 3099 | HIGH | 67 |
| JL28 | 36.92 | 1.34 | 0.95 | 1076 | 1054 | 968  | 3098 | HIGH | 68 |
| CB24 | 63.72 | 2.17 | 0.70 | 1183 | 1166 | 746  | 3095 | HIGH | 69 |
| CU34 | 35.63 | 1.37 | 0.97 | 1063 | 1059 | 973  | 3095 | HIGH | 70 |
| PS16 | 24.15 | 1.27 | 1.25 | 947  | 1034 | 1109 | 3090 | HIGH | 71 |
| JL08 | 27.22 | 1.10 | 1.32 | 978  | 980  | 1127 | 3085 | HIGH | 72 |

|      |       |      |      |      |      |      |      |      |     |
|------|-------|------|------|------|------|------|------|------|-----|
| YO61 | 33.05 | 1.18 | 1.06 | 1040 | 1009 | 1034 | 3083 | HIGH | 73  |
| YO37 | 29.59 | 1.05 | 1.26 | 1004 | 959  | 1112 | 3075 | HIGH | 74  |
| CB07 | 33.25 | 1.23 | 1.01 | 1041 | 1024 | 1008 | 3073 | HIGH | 75  |
| PS19 | 21.03 | 1.11 | 1.68 | 914  | 983  | 1169 | 3066 | HIGH | 76  |
| PL73 | 27.94 | 1.31 | 1.06 | 988  | 1045 | 1029 | 3062 | HIGH | 77  |
| PS22 | 20.50 | 1.14 | 1.58 | 909  | 993  | 1160 | 3062 | HIGH | 78  |
| CB14 | 33.63 | 1.27 | 0.97 | 1047 | 1033 | 972  | 3052 | HIGH | 79  |
| RA59 | 28.23 | 1.02 | 1.25 | 994  | 943  | 1110 | 3047 | HIGH | 80  |
| CU24 | 36.34 | 1.35 | 0.86 | 1072 | 1056 | 914  | 3042 | HIGH | 81  |
| YO60 | 33.46 | 1.20 | 0.99 | 1043 | 1011 | 988  | 3042 | HIGH | 82  |
| YO52 | 29.72 | 1.09 | 1.10 | 1006 | 976  | 1053 | 3035 | HIGH | 83  |
| YO53 | 26.61 | 0.98 | 1.36 | 971  | 926  | 1135 | 3032 | HIGH | 84  |
| CM25 | 30.77 | 1.36 | 0.93 | 1021 | 1057 | 952  | 3030 | HIGH | 85  |
| PS64 | 18.38 | 1.43 | 1.10 | 893  | 1073 | 1054 | 3020 | HIGH | 86  |
| JU40 | 21.58 | 0.92 | 3.32 | 920  | 898  | 1201 | 3019 | HIGH | 87  |
| JL35 | 26.11 | 1.06 | 1.20 | 963  | 964  | 1089 | 3016 | HIGH | 88  |
| YO55 | 31.93 | 1.13 | 0.99 | 1030 | 991  | 993  | 3014 | HIGH | 89  |
| PS33 | 17.59 | 1.15 | 1.30 | 887  | 998  | 1124 | 3009 | HIGH | 90  |
| RU75 | 20.14 | 1.02 | 1.57 | 905  | 945  | 1158 | 3008 | HIGH | 91  |
| PS58 | 16.78 | 1.11 | 1.40 | 880  | 985  | 1142 | 3007 | HIGH | 92  |
| RD68 | 23.56 | 1.07 | 1.23 | 938  | 968  | 1099 | 3005 | HIGH | 93  |
| YO32 | 31.00 | 1.09 | 1.00 | 1023 | 977  | 998  | 2998 | HIGH | 94  |
| YO58 | 29.21 | 1.08 | 1.04 | 1002 | 971  | 1021 | 2994 | HIGH | 95  |
| CU39 | 41.06 | 1.52 | 0.74 | 1103 | 1089 | 801  | 2993 | HIGH | 96  |
| CB13 | 30.51 | 1.11 | 0.99 | 1018 | 981  | 991  | 2990 | HIGH | 97  |
| JL06 | 35.52 | 1.28 | 0.84 | 1062 | 1037 | 889  | 2988 | HIGH | 98  |
| YO35 | 27.29 | 0.91 | 1.25 | 980  | 897  | 1111 | 2988 | HIGH | 99  |
| AS06 | 90.56 | 3.57 | 0.59 | 1198 | 1195 | 594  | 2987 | HIGH | 100 |
| PS15 | 20.17 | 0.97 | 1.58 | 906  | 919  | 1161 | 2986 | HIGH | 101 |

|      |       |      |      |      |      |      |      |      |     |
|------|-------|------|------|------|------|------|------|------|-----|
| PS03 | 17.22 | 1.20 | 1.16 | 884  | 1014 | 1076 | 2974 | HIGH | 102 |
| YO36 | 33.60 | 1.22 | 0.86 | 1046 | 1019 | 907  | 2972 | HIGH | 103 |
| PL72 | 25.59 | 1.21 | 0.98 | 961  | 1016 | 987  | 2964 | HIGH | 104 |
| PL71 | 28.01 | 1.37 | 0.86 | 990  | 1060 | 910  | 2960 | HIGH | 105 |
| CU27 | 27.04 | 1.08 | 1.02 | 975  | 970  | 1014 | 2959 | HIGH | 106 |
| RA43 | 20.42 | 0.89 | 1.65 | 908  | 881  | 1167 | 2956 | HIGH | 107 |
| YO63 | 30.70 | 1.08 | 0.95 | 1020 | 973  | 963  | 2956 | HIGH | 108 |
| PL51 | 22.39 | 0.83 | 1.69 | 928  | 851  | 1170 | 2949 | HIGH | 109 |
| RA55 | 29.72 | 1.05 | 0.97 | 1007 | 961  | 976  | 2944 | HIGH | 110 |
| JM62 | 19.75 | 0.81 | 2.50 | 903  | 842  | 1198 | 2943 | HIGH | 111 |
| CU40 | 39.17 | 1.47 | 0.71 | 1089 | 1084 | 762  | 2935 | HIGH | 112 |
| CM23 | 25.12 | 1.00 | 1.07 | 958  | 933  | 1038 | 2929 | HIGH | 113 |
| CU43 | 29.42 | 1.12 | 0.88 | 1003 | 988  | 933  | 2924 | HIGH | 114 |
| CU18 | 31.08 | 1.16 | 0.85 | 1024 | 1002 | 897  | 2923 | HIGH | 115 |
| RA54 | 27.13 | 1.00 | 1.02 | 976  | 932  | 1015 | 2923 | HIGH | 116 |
| YO50 | 30.50 | 1.11 | 0.87 | 1017 | 984  | 922  | 2923 | HIGH | 117 |
| JL55 | 51.11 | 3.10 | 0.58 | 1154 | 1187 | 581  | 2922 | HIGH | 118 |
| CU48 | 44.83 | 1.68 | 0.66 | 1126 | 1113 | 682  | 2921 | HIGH | 119 |
| PL41 | 20.39 | 0.78 | 1.94 | 907  | 829  | 1185 | 2921 | HIGH | 120 |
| YO51 | 26.20 | 0.93 | 1.09 | 964  | 905  | 1051 | 2920 | HIGH | 121 |
| JL09 | 29.61 | 1.09 | 0.90 | 1005 | 974  | 940  | 2919 | HIGH | 122 |
| PL38 | 27.65 | 1.16 | 0.88 | 985  | 1000 | 931  | 2916 | HIGH | 123 |
| CB17 | 49.18 | 1.69 | 0.63 | 1149 | 1115 | 651  | 2915 | HIGH | 124 |
| PL68 | 26.44 | 1.36 | 0.84 | 968  | 1058 | 886  | 2912 | HIGH | 125 |
| RD71 | 16.13 | 0.82 | 1.99 | 870  | 846  | 1189 | 2905 | HIGH | 126 |
| CM22 | 26.87 | 1.09 | 0.93 | 972  | 975  | 955  | 2902 | HIGH | 127 |
| PS05 | 15.64 | 1.02 | 1.22 | 859  | 948  | 1095 | 2902 | HIGH | 128 |
| RA39 | 27.99 | 1.17 | 0.85 | 989  | 1004 | 906  | 2899 | HIGH | 129 |
| JL20 | 27.39 | 0.97 | 1.00 | 981  | 917  | 999  | 2897 | HIGH | 130 |

|      |       |      |      |      |      |      |      |      |     |
|------|-------|------|------|------|------|------|------|------|-----|
| RA60 | 28.04 | 1.00 | 0.94 | 991  | 936  | 958  | 2885 | HIGH | 131 |
| JL49 | 53.86 | 2.16 | 0.56 | 1168 | 1164 | 550  | 2882 | HIGH | 132 |
| PS68 | 16.55 | 1.18 | 0.99 | 878  | 1007 | 992  | 2877 | HIGH | 133 |
| CU26 | 32.23 | 1.25 | 0.75 | 1034 | 1028 | 812  | 2874 | HIGH | 134 |
| YO57 | 26.97 | 0.97 | 0.97 | 973  | 920  | 975  | 2868 | HIGH | 135 |
| PS39 | 14.49 | 1.18 | 1.04 | 835  | 1006 | 1024 | 2865 | HIGH | 136 |
| PS62 | 16.27 | 1.26 | 0.93 | 872  | 1032 | 954  | 2858 | HIGH | 137 |
| JM50 | 15.87 | 0.83 | 1.40 | 865  | 849  | 1141 | 2855 | HIGH | 138 |
| CB10 | 29.01 | 1.02 | 0.85 | 1000 | 950  | 901  | 2851 | HIGH | 139 |
| CU47 | 38.54 | 1.46 | 0.66 | 1084 | 1079 | 686  | 2849 | HIGH | 140 |
| CB08 | 33.52 | 1.20 | 0.73 | 1045 | 1012 | 788  | 2845 | HIGH | 141 |
| PS26 | 19.46 | 1.06 | 0.98 | 899  | 966  | 979  | 2844 | HIGH | 142 |
| CU42 | 31.71 | 1.18 | 0.75 | 1027 | 1008 | 805  | 2840 | HIGH | 143 |
| JA40 | 30.28 | 1.16 | 0.76 | 1015 | 1001 | 824  | 2840 | HIGH | 144 |
| JL47 | 46.00 | 1.88 | 0.57 | 1133 | 1140 | 567  | 2840 | HIGH | 145 |
| PS14 | 18.85 | 1.24 | 0.86 | 897  | 1025 | 918  | 2840 | HIGH | 146 |
| YO56 | 26.53 | 1.01 | 0.88 | 969  | 940  | 929  | 2838 | HIGH | 147 |
| RD73 | 15.13 | 0.87 | 1.28 | 850  | 868  | 1117 | 2835 | HIGH | 148 |
| CU50 | 51.54 | 1.83 | 0.55 | 1158 | 1137 | 538  | 2833 | HIGH | 149 |
| PS23 | 14.05 | 0.79 | 1.98 | 813  | 833  | 1187 | 2833 | HIGH | 150 |
| YO45 | 21.00 | 0.84 | 1.11 | 913  | 858  | 1060 | 2831 | HIGH | 151 |
| YO48 | 22.69 | 0.89 | 1.02 | 931  | 883  | 1016 | 2830 | HIGH | 152 |
| PS25 | 16.50 | 0.89 | 1.15 | 876  | 882  | 1070 | 2828 | HIGH | 153 |
| PS11 | 17.74 | 0.89 | 1.10 | 889  | 879  | 1058 | 2826 | HIGH | 154 |
| RA40 | 20.67 | 0.98 | 0.98 | 910  | 924  | 985  | 2819 | HIGH | 155 |
| JL31 | 24.59 | 0.90 | 0.97 | 950  | 889  | 977  | 2816 | HIGH | 156 |
| CB26 | 55.04 | 2.08 | 0.51 | 1169 | 1158 | 487  | 2814 | HIGH | 157 |
| YO33 | 22.25 | 0.81 | 1.08 | 926  | 841  | 1045 | 2812 | HIGH | 158 |
| CL03 | 44.10 | 2.34 | 0.53 | 1123 | 1174 | 512  | 2809 | HIGH | 159 |

|      |       |      |      |      |      |      |      |      |     |
|------|-------|------|------|------|------|------|------|------|-----|
| RA56 | 28.10 | 1.01 | 0.83 | 992  | 942  | 874  | 2808 | HIGH | 160 |
| RA58 | 29.88 | 1.03 | 0.78 | 1010 | 951  | 840  | 2801 | HIGH | 161 |
| RU84 | 14.67 | 0.81 | 1.29 | 841  | 839  | 1120 | 2800 | HIGH | 162 |
| RA38 | 24.79 | 0.99 | 0.86 | 953  | 927  | 919  | 2799 | HIGH | 163 |
| JA13 | 15.39 | 0.79 | 1.24 | 854  | 832  | 1107 | 2793 | HIGH | 164 |
| JA45 | 24.35 | 0.89 | 0.95 | 948  | 880  | 965  | 2793 | HIGH | 165 |
| YO67 | 27.29 | 1.03 | 0.81 | 979  | 952  | 860  | 2791 | HIGH | 166 |
| CB12 | 52.75 | 1.81 | 0.52 | 1162 | 1131 | 492  | 2785 | HIGH | 167 |
| JL16 | 25.32 | 0.97 | 0.85 | 960  | 918  | 902  | 2780 | HIGH | 168 |
| AO15 | 61.21 | 2.29 | 0.49 | 1180 | 1171 | 428  | 2779 | HIGH | 169 |
| CU35 | 29.09 | 1.15 | 0.73 | 1001 | 997  | 781  | 2779 | HIGH | 170 |
| PL34 | 23.61 | 0.98 | 0.86 | 939  | 925  | 913  | 2777 | HIGH | 171 |
| PS56 | 15.14 | 0.95 | 1.01 | 851  | 914  | 1009 | 2774 | HIGH | 172 |
| YO28 | 23.68 | 0.94 | 0.87 | 940  | 908  | 926  | 2774 | HIGH | 173 |
| PS21 | 16.45 | 0.88 | 1.04 | 875  | 876  | 1020 | 2771 | HIGH | 174 |
| YO42 | 22.84 | 0.89 | 0.94 | 932  | 878  | 959  | 2769 | HIGH | 175 |
| CU17 | 32.83 | 1.22 | 0.68 | 1037 | 1022 | 705  | 2764 | HIGH | 176 |
| YO29 | 30.09 | 1.06 | 0.73 | 1012 | 965  | 785  | 2762 | HIGH | 177 |
| RA36 | 18.28 | 0.69 | 1.23 | 892  | 768  | 1101 | 2761 | HIGH | 178 |
| RA29 | 15.91 | 0.75 | 1.17 | 867  | 811  | 1078 | 2756 | HIGH | 179 |
| CU49 | 39.35 | 1.50 | 0.58 | 1090 | 1087 | 577  | 2754 | HIGH | 180 |
| RU79 | 14.21 | 0.79 | 1.22 | 823  | 835  | 1096 | 2754 | HIGH | 181 |
| CU20 | 18.45 | 0.76 | 1.06 | 894  | 821  | 1037 | 2752 | HIGH | 182 |
| JL02 | 23.03 | 0.92 | 0.86 | 934  | 900  | 917  | 2751 | HIGH | 183 |
| JU50 | 14.09 | 0.66 | 2.05 | 817  | 742  | 1190 | 2749 | HIGH | 184 |
| RL11 | 16.72 | 0.78 | 1.07 | 879  | 828  | 1042 | 2749 | HIGH | 185 |
| JU15 | 13.37 | 0.83 | 1.24 | 788  | 852  | 1105 | 2745 | HIGH | 186 |
| PS59 | 14.45 | 0.86 | 1.08 | 833  | 865  | 1044 | 2742 | HIGH | 187 |
| PS67 | 15.41 | 1.04 | 0.88 | 856  | 956  | 930  | 2742 | HIGH | 188 |

|      |       |      |      |      |      |      |      |      |     |
|------|-------|------|------|------|------|------|------|------|-----|
| YO46 | 21.87 | 0.85 | 0.93 | 923  | 862  | 953  | 2738 | HIGH | 189 |
| CL05 | 60.34 | 3.28 | 0.46 | 1178 | 1191 | 368  | 2737 | HIGH | 190 |
| JM72 | 14.32 | 0.63 | 2.18 | 830  | 712  | 1194 | 2736 | HIGH | 191 |
| JU24 | 13.80 | 0.67 | 1.89 | 803  | 750  | 1182 | 2735 | HIGH | 192 |
| YO20 | 14.60 | 0.70 | 1.31 | 838  | 770  | 1126 | 2734 | HIGH | 193 |
| RU93 | 14.04 | 0.66 | 1.80 | 811  | 743  | 1179 | 2733 | HIGH | 194 |
| RU90 | 13.49 | 0.66 | 2.19 | 791  | 746  | 1195 | 2732 | HIGH | 195 |
| CU33 | 34.35 | 1.30 | 0.61 | 1053 | 1043 | 635  | 2731 | HIGH | 196 |
| PS20 | 13.56 | 0.72 | 1.40 | 796  | 792  | 1140 | 2728 | HIGH | 197 |
| PS55 | 12.77 | 0.84 | 1.23 | 767  | 859  | 1100 | 2726 | HIGH | 198 |
| PS57 | 14.90 | 0.89 | 0.99 | 845  | 884  | 995  | 2724 | HIGH | 199 |
| RA21 | 22.12 | 1.01 | 0.82 | 925  | 938  | 861  | 2724 | HIGH | 200 |
| RL12 | 15.02 | 0.73 | 1.16 | 848  | 801  | 1075 | 2724 | HIGH | 201 |
| YO30 | 21.58 | 0.85 | 0.91 | 919  | 861  | 943  | 2723 | HIGH | 202 |
| CM17 | 17.66 | 0.86 | 0.95 | 888  | 867  | 967  | 2722 | HIGH | 203 |
| RA65 | 29.76 | 1.06 | 0.70 | 1008 | 962  | 751  | 2721 | HIGH | 204 |
| RL14 | 16.05 | 0.74 | 1.09 | 868  | 804  | 1049 | 2721 | HIGH | 205 |
| JL19 | 28.71 | 1.05 | 0.70 | 999  | 958  | 750  | 2707 | HIGH | 206 |
| PL70 | 34.31 | 1.76 | 0.54 | 1052 | 1126 | 529  | 2707 | HIGH | 207 |
| JM45 | 13.83 | 0.70 | 1.30 | 805  | 773  | 1125 | 2703 | HIGH | 208 |
| JL48 | 52.23 | 2.19 | 0.46 | 1161 | 1167 | 365  | 2693 | HIGH | 209 |
| PL33 | 22.48 | 0.92 | 0.82 | 929  | 901  | 863  | 2693 | HIGH | 210 |
| CM28 | 42.19 | 1.76 | 0.50 | 1113 | 1125 | 453  | 2691 | HIGH | 211 |
| CU12 | 19.67 | 0.98 | 0.82 | 902  | 922  | 866  | 2690 | HIGH | 212 |
| CU23 | 18.81 | 0.75 | 0.98 | 896  | 816  | 978  | 2690 | HIGH | 213 |
| CB09 | 27.04 | 1.00 | 0.72 | 974  | 935  | 780  | 2689 | HIGH | 214 |
| PL65 | 24.06 | 0.90 | 0.81 | 945  | 886  | 858  | 2689 | HIGH | 215 |
| RU87 | 13.84 | 0.76 | 1.10 | 806  | 822  | 1056 | 2684 | HIGH | 216 |
| JM44 | 16.53 | 0.90 | 0.86 | 877  | 888  | 916  | 2681 | HIGH | 217 |

|      |       |      |      |      |      |      |      |      |     |
|------|-------|------|------|------|------|------|------|------|-----|
| CM21 | 51.14 | 1.92 | 0.46 | 1155 | 1143 | 380  | 2678 | HIGH | 218 |
| CU63 | 39.06 | 1.63 | 0.51 | 1088 | 1103 | 485  | 2676 | HIGH | 219 |
| CU69 | 39.78 | 2.07 | 0.49 | 1092 | 1157 | 425  | 2674 | HIGH | 220 |
| RA48 | 24.87 | 0.95 | 0.74 | 955  | 915  | 798  | 2668 | HIGH | 221 |
| JL56 | 60.41 | 3.25 | 0.41 | 1179 | 1190 | 294  | 2663 | HIGH | 222 |
| RA20 | 19.63 | 0.71 | 0.98 | 900  | 783  | 980  | 2663 | HIGH | 223 |
| YO64 | 26.56 | 0.96 | 0.72 | 970  | 916  | 777  | 2663 | HIGH | 224 |
| CU62 | 41.83 | 1.64 | 0.50 | 1107 | 1104 | 451  | 2662 | HIGH | 225 |
| JA20 | 14.05 | 0.64 | 1.26 | 814  | 730  | 1113 | 2657 | HIGH | 226 |
| PL55 | 17.20 | 0.68 | 1.01 | 883  | 762  | 1010 | 2655 | HIGH | 227 |
| JL44 | 50.00 | 2.03 | 0.45 | 1152 | 1151 | 351  | 2654 | HIGH | 228 |
| CU09 | 14.05 | 0.72 | 1.08 | 812  | 794  | 1047 | 2653 | HIGH | 229 |
| YO27 | 27.46 | 0.99 | 0.70 | 982  | 930  | 740  | 2652 | HIGH | 230 |
| CU29 | 34.00 | 1.31 | 0.56 | 1050 | 1044 | 556  | 2650 | HIGH | 231 |
| JU20 | 12.12 | 0.77 | 1.19 | 738  | 824  | 1086 | 2648 | HIGH | 232 |
| CU14 | 18.21 | 0.87 | 0.83 | 891  | 872  | 884  | 2647 | HIGH | 233 |
| CL02 | 38.39 | 2.07 | 0.47 | 1083 | 1156 | 395  | 2634 | HIGH | 234 |
| JM33 | 11.62 | 0.94 | 1.03 | 708  | 907  | 1019 | 2634 | HIGH | 235 |
| RL02 | 13.32 | 0.63 | 1.41 | 786  | 703  | 1144 | 2633 | HIGH | 236 |
| CB11 | 27.75 | 0.99 | 0.68 | 986  | 931  | 715  | 2632 | HIGH | 237 |
| YO10 | 16.07 | 0.73 | 0.93 | 869  | 803  | 957  | 2629 | HIGH | 238 |
| AS12 | 93.10 | 3.87 | 0.37 | 1201 | 1199 | 228  | 2628 | HIGH | 239 |
| YO22 | 14.18 | 0.64 | 1.18 | 821  | 726  | 1081 | 2628 | HIGH | 240 |
| JU62 | 11.37 | 0.90 | 1.07 | 695  | 892  | 1039 | 2626 | HIGH | 241 |
| RA46 | 20.78 | 0.81 | 0.82 | 911  | 843  | 872  | 2626 | HIGH | 242 |
| RA52 | 23.93 | 0.90 | 0.74 | 942  | 887  | 797  | 2626 | HIGH | 243 |
| YO11 | 17.17 | 0.80 | 0.84 | 882  | 837  | 896  | 2615 | HIGH | 244 |
| AS05 | 59.16 | 2.39 | 0.39 | 1176 | 1176 | 260  | 2612 | HIGH | 245 |
| RA47 | 18.63 | 0.71 | 0.89 | 895  | 781  | 936  | 2612 | HIGH | 246 |

|      |       |      |      |      |      |      |      |      |     |
|------|-------|------|------|------|------|------|------|------|-----|
| CU66 | 37.68 | 1.86 | 0.47 | 1078 | 1139 | 394  | 2611 | HIGH | 247 |
| PS54 | 16.40 | 1.32 | 0.66 | 873  | 1048 | 690  | 2611 | HIGH | 248 |
| JM76 | 14.60 | 0.71 | 0.98 | 837  | 788  | 983  | 2608 | HIGH | 249 |
| PS63 | 12.58 | 1.02 | 0.85 | 759  | 947  | 900  | 2606 | MED  | 250 |
| PU06 | 11.21 | 0.99 | 0.99 | 686  | 928  | 990  | 2604 | MED  | 251 |
| YO68 | 31.31 | 1.12 | 0.58 | 1025 | 989  | 589  | 2603 | MED  | 252 |
| RA62 | 32.00 | 1.12 | 0.58 | 1031 | 987  | 584  | 2602 | MED  | 253 |
| YO06 | 13.81 | 0.69 | 1.06 | 804  | 765  | 1032 | 2601 | MED  | 254 |
| JM49 | 12.66 | 0.64 | 1.26 | 764  | 721  | 1114 | 2599 | MED  | 255 |
| RA27 | 13.63 | 0.65 | 1.12 | 799  | 735  | 1063 | 2597 | MED  | 256 |
| JA42 | 20.12 | 0.88 | 0.75 | 904  | 877  | 814  | 2595 | MED  | 257 |
| YO49 | 18.94 | 0.75 | 0.84 | 898  | 812  | 885  | 2595 | MED  | 258 |
| CU32 | 45.19 | 1.64 | 0.45 | 1128 | 1105 | 354  | 2587 | MED  | 259 |
| JL17 | 25.18 | 0.99 | 0.67 | 959  | 929  | 699  | 2587 | MED  | 260 |
| JA19 | 14.16 | 0.71 | 0.97 | 819  | 790  | 974  | 2583 | MED  | 261 |
| RA61 | 28.26 | 1.01 | 0.62 | 995  | 937  | 648  | 2580 | MED  | 262 |
| YO47 | 28.16 | 1.05 | 0.61 | 993  | 960  | 626  | 2579 | MED  | 263 |
| TC34 | 10.63 | 0.71 | 1.55 | 634  | 786  | 1157 | 2577 | MED  | 264 |
| AO25 | 28.48 | 1.08 | 0.60 | 997  | 969  | 608  | 2574 | MED  | 265 |
| RU92 | 13.13 | 0.60 | 1.33 | 782  | 662  | 1130 | 2574 | MED  | 266 |
| RL18 | 12.49 | 0.60 | 1.50 | 757  | 664  | 1151 | 2572 | MED  | 267 |
| CB06 | 31.88 | 1.15 | 0.56 | 1029 | 996  | 545  | 2570 | MED  | 268 |
| JA09 | 13.33 | 0.68 | 1.04 | 787  | 759  | 1023 | 2569 | MED  | 269 |
| RL08 | 14.62 | 0.62 | 1.06 | 839  | 695  | 1035 | 2569 | MED  | 270 |
| JM15 | 12.12 | 0.61 | 1.58 | 739  | 670  | 1159 | 2568 | MED  | 271 |
| RL13 | 15.80 | 0.74 | 0.84 | 863  | 809  | 895  | 2567 | MED  | 272 |
| PS34 | 15.91 | 0.98 | 0.72 | 866  | 921  | 778  | 2565 | MED  | 273 |
| RA18 | 22.01 | 0.92 | 0.69 | 924  | 902  | 732  | 2558 | MED  | 274 |
| PS32 | 12.45 | 0.83 | 0.92 | 754  | 854  | 948  | 2556 | MED  | 275 |

|      |       |      |      |      |      |      |      |     |     |
|------|-------|------|------|------|------|------|------|-----|-----|
| PS53 | 16.20 | 1.25 | 0.63 | 871  | 1027 | 655  | 2553 | MED | 276 |
| RA06 | 14.28 | 0.73 | 0.87 | 828  | 800  | 925  | 2553 | MED | 277 |
| PL36 | 17.54 | 0.82 | 0.76 | 886  | 845  | 821  | 2552 | MED | 278 |
| JA37 | 15.36 | 0.68 | 0.88 | 853  | 764  | 934  | 2551 | MED | 279 |
| PU09 | 12.64 | 0.68 | 1.06 | 762  | 757  | 1031 | 2550 | MED | 280 |
| CB25 | 57.43 | 2.16 | 0.36 | 1174 | 1165 | 210  | 2549 | MED | 281 |
| CM31 | 34.74 | 1.38 | 0.49 | 1058 | 1063 | 427  | 2548 | MED | 282 |
| JM81 | 13.17 | 0.65 | 1.05 | 785  | 734  | 1028 | 2547 | MED | 283 |
| YO26 | 24.13 | 0.91 | 0.67 | 946  | 896  | 697  | 2539 | MED | 284 |
| AO13 | 71.81 | 2.61 | 0.33 | 1189 | 1180 | 165  | 2534 | MED | 285 |
| AS02 | 53.35 | 2.14 | 0.36 | 1166 | 1163 | 205  | 2534 | MED | 286 |
| JU27 | 11.97 | 0.89 | 0.87 | 727  | 885  | 921  | 2533 | MED | 287 |
| PU17 | 13.63 | 0.58 | 1.24 | 800  | 627  | 1106 | 2533 | MED | 288 |
| YO23 | 15.41 | 0.64 | 0.92 | 855  | 729  | 947  | 2531 | MED | 289 |
| PL37 | 19.67 | 0.93 | 0.68 | 901  | 906  | 723  | 2530 | MED | 290 |
| PL60 | 14.16 | 0.57 | 1.19 | 818  | 625  | 1085 | 2528 | MED | 291 |
| CL04 | 52.10 | 2.06 | 0.36 | 1160 | 1155 | 212  | 2527 | MED | 292 |
| PL15 | 14.25 | 0.72 | 0.86 | 827  | 791  | 908  | 2526 | MED | 293 |
| JM84 | 17.01 | 0.74 | 0.78 | 881  | 806  | 837  | 2524 | MED | 294 |
| RD54 | 15.01 | 0.75 | 0.81 | 847  | 819  | 857  | 2523 | MED | 295 |
| TP09 | 12.08 | 0.58 | 1.50 | 736  | 634  | 1150 | 2520 | MED | 296 |
| JA21 | 13.94 | 0.64 | 0.99 | 808  | 717  | 994  | 2519 | MED | 297 |
| JA38 | 14.80 | 0.64 | 0.92 | 844  | 728  | 946  | 2518 | MED | 298 |
| PL39 | 20.98 | 0.93 | 0.67 | 912  | 904  | 702  | 2518 | MED | 299 |
| AS13 | 84.83 | 3.24 | 0.31 | 1196 | 1189 | 130  | 2515 | MED | 300 |
| PS61 | 12.98 | 0.86 | 0.82 | 778  | 866  | 871  | 2515 | MED | 301 |
| PS85 | 14.72 | 0.81 | 0.77 | 842  | 840  | 830  | 2512 | MED | 302 |
| TP07 | 12.43 | 0.63 | 1.09 | 753  | 709  | 1050 | 2512 | MED | 303 |
| PS51 | 17.40 | 1.44 | 0.56 | 885  | 1077 | 549  | 2511 | MED | 304 |

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|------|-------|------|------|------|------|------|------|-----|-----|
| CB02 | 24.41 | 0.87 | 0.66 | 949  | 869  | 687  | 2505 | MED | 305 |
| PS09 | 13.98 | 0.84 | 0.78 | 809  | 857  | 838  | 2504 | MED | 306 |
| CU21 | 13.60 | 0.64 | 0.98 | 797  | 724  | 982  | 2503 | MED | 307 |
| JA44 | 24.80 | 1.00 | 0.60 | 954  | 934  | 612  | 2500 | MED | 308 |
| AS04 | 66.43 | 2.70 | 0.31 | 1185 | 1182 | 131  | 2498 | MED | 309 |
| CU68 | 32.23 | 1.44 | 0.47 | 1033 | 1075 | 390  | 2498 | MED | 310 |
| JM78 | 12.01 | 0.59 | 1.29 | 732  | 648  | 1118 | 2498 | MED | 311 |
| PS10 | 12.34 | 0.74 | 0.91 | 748  | 807  | 942  | 2497 | MED | 312 |
| CB05 | 32.14 | 1.11 | 0.51 | 1032 | 986  | 476  | 2494 | MED | 313 |
| JU37 | 10.68 | 0.64 | 1.36 | 638  | 719  | 1137 | 2494 | MED | 314 |
| JL51 | 69.09 | 2.86 | 0.30 | 1188 | 1184 | 118  | 2490 | MED | 315 |
| CM03 | 14.77 | 0.73 | 0.78 | 843  | 802  | 842  | 2487 | MED | 316 |
| JR21 | 11.08 | 0.67 | 1.13 | 669  | 748  | 1066 | 2483 | MED | 317 |
| AS16 | 43.99 | 2.47 | 0.34 | 1121 | 1178 | 183  | 2482 | MED | 318 |
| JL45 | 45.09 | 1.83 | 0.37 | 1127 | 1135 | 216  | 2478 | MED | 319 |
| RU91 | 11.87 | 0.68 | 1.00 | 723  | 753  | 1000 | 2476 | MED | 320 |
| CM27 | 40.17 | 1.69 | 0.39 | 1095 | 1116 | 259  | 2470 | MED | 321 |
| TP17 | 11.34 | 0.55 | 1.77 | 693  | 601  | 1176 | 2470 | MED | 322 |
| AS14 | 80.33 | 3.06 | 0.28 | 1192 | 1186 | 91   | 2469 | MED | 323 |
| PS35 | 14.21 | 0.95 | 0.69 | 824  | 913  | 726  | 2463 | MED | 324 |
| AS09 | 88.18 | 3.67 | 0.26 | 1197 | 1197 | 65   | 2459 | MED | 325 |
| JM41 | 11.44 | 1.01 | 0.76 | 701  | 941  | 817  | 2459 | MED | 326 |
| YO25 | 15.12 | 0.65 | 0.82 | 849  | 736  | 869  | 2454 | MED | 327 |
| AS15 | 81.45 | 3.49 | 0.25 | 1195 | 1194 | 63   | 2452 | MED | 328 |
| JM74 | 12.65 | 0.52 | 1.33 | 763  | 560  | 1129 | 2452 | MED | 329 |
| RD70 | 12.06 | 0.55 | 1.33 | 734  | 589  | 1128 | 2451 | MED | 330 |
| CB18 | 61.29 | 2.10 | 0.29 | 1181 | 1160 | 109  | 2450 | MED | 331 |
| TP06 | 11.50 | 0.75 | 0.88 | 703  | 820  | 927  | 2450 | MED | 332 |
| RL20 | 11.67 | 0.61 | 1.12 | 714  | 673  | 1062 | 2449 | MED | 333 |

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|------|--------|------|------|------|------|------|------|-----|-----|
| YO31 | 34.03  | 1.22 | 0.46 | 1051 | 1021 | 376  | 2448 | MED | 334 |
| JL54 | 66.48  | 3.04 | 0.26 | 1186 | 1185 | 71   | 2442 | MED | 335 |
| AS08 | 102.78 | 4.28 | 0.22 | 1202 | 1201 | 35   | 2438 | MED | 336 |
| CU46 | 34.47  | 1.32 | 0.44 | 1056 | 1051 | 331  | 2438 | MED | 337 |
| RA30 | 13.63  | 0.53 | 1.14 | 798  | 570  | 1068 | 2436 | MED | 338 |
| TP16 | 11.81  | 0.57 | 1.20 | 721  | 624  | 1091 | 2436 | MED | 339 |
| YO65 | 25.06  | 0.87 | 0.60 | 957  | 873  | 606  | 2436 | MED | 340 |
| YO13 | 10.94  | 0.72 | 0.98 | 654  | 798  | 981  | 2433 | MED | 341 |
| JL52 | 72.47  | 4.60 | 0.22 | 1191 | 1202 | 36   | 2429 | MED | 342 |
| AS10 | 80.47  | 3.24 | 0.24 | 1194 | 1188 | 46   | 2428 | MED | 343 |
| AS18 | 58.34  | 2.61 | 0.26 | 1175 | 1181 | 72   | 2428 | MED | 344 |
| CB04 | 31.76  | 1.10 | 0.49 | 1028 | 979  | 421  | 2428 | MED | 345 |
| PL62 | 15.78  | 0.61 | 0.84 | 862  | 676  | 890  | 2428 | MED | 346 |
| JM82 | 11.20  | 0.66 | 1.01 | 683  | 740  | 1004 | 2427 | MED | 347 |
| AS07 | 91.30  | 3.84 | 0.19 | 1200 | 1198 | 24   | 2422 | MED | 348 |
| CM15 | 12.67  | 0.59 | 1.03 | 765  | 640  | 1017 | 2422 | MED | 349 |
| JM35 | 12.76  | 0.59 | 1.02 | 766  | 643  | 1012 | 2421 | MED | 350 |
| RU94 | 11.42  | 0.50 | 2.57 | 700  | 520  | 1199 | 2419 | MED | 351 |
| RA63 | 26.31  | 0.93 | 0.56 | 965  | 903  | 548  | 2416 | MED | 352 |
| PS40 | 12.00  | 0.95 | 0.72 | 731  | 910  | 774  | 2415 | MED | 353 |
| JA17 | 11.89  | 0.61 | 1.01 | 725  | 683  | 1005 | 2413 | MED | 354 |
| YO66 | 22.88  | 0.80 | 0.62 | 933  | 838  | 640  | 2411 | MED | 355 |
| CL01 | 42.54  | 2.30 | 0.31 | 1115 | 1172 | 123  | 2410 | MED | 356 |
| JM34 | 10.48  | 0.57 | 1.75 | 615  | 617  | 1175 | 2407 | MED | 357 |
| CU67 | 33.49  | 1.32 | 0.43 | 1044 | 1050 | 312  | 2406 | MED | 358 |
| RA37 | 14.19  | 0.58 | 0.93 | 822  | 633  | 951  | 2406 | MED | 359 |
| CU22 | 15.86  | 0.65 | 0.74 | 864  | 737  | 800  | 2401 | MED | 360 |
| CU64 | 28.71  | 1.16 | 0.48 | 998  | 1003 | 400  | 2401 | MED | 361 |
| JM63 | 12.31  | 0.85 | 0.73 | 747  | 864  | 789  | 2400 | MED | 362 |

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|------|-------|------|------|------|------|------|------|-----|-----|
| RA41 | 14.08 | 0.75 | 0.71 | 816  | 815  | 768  | 2399 | MED | 363 |
| AS01 | 80.40 | 3.32 | 0.15 | 1193 | 1192 | 11   | 2396 | MED | 364 |
| PL04 | 13.53 | 0.55 | 1.01 | 793  | 597  | 1006 | 2396 | MED | 365 |
| RU85 | 13.02 | 0.77 | 0.73 | 779  | 823  | 791  | 2393 | MED | 366 |
| JL53 | 55.19 | 3.38 | 0.20 | 1170 | 1193 | 29   | 2392 | MED | 367 |
| YO18 | 12.16 | 0.63 | 0.90 | 741  | 707  | 941  | 2389 | MED | 368 |
| RA42 | 14.34 | 0.68 | 0.74 | 831  | 763  | 794  | 2388 | MED | 369 |
| AS20 | 51.86 | 2.43 | 0.25 | 1159 | 1177 | 51   | 2387 | MED | 370 |
| CM32 | 34.44 | 1.40 | 0.40 | 1055 | 1066 | 264  | 2385 | MED | 371 |
| AS11 | 71.84 | 2.82 | 0.13 | 1190 | 1183 | 7    | 2380 | MED | 372 |
| CB15 | 51.32 | 1.77 | 0.28 | 1156 | 1127 | 94   | 2377 | MED | 373 |
| PS69 | 10.57 | 0.72 | 0.93 | 623  | 797  | 956  | 2376 | MED | 374 |
| YO12 | 12.81 | 0.74 | 0.74 | 769  | 810  | 796  | 2375 | MED | 375 |
| CB23 | 69.07 | 2.37 | 0.15 | 1187 | 1175 | 12   | 2374 | MED | 376 |
| JA41 | 17.96 | 0.70 | 0.67 | 890  | 779  | 704  | 2373 | MED | 377 |
| RD58 | 14.36 | 0.65 | 0.75 | 832  | 731  | 809  | 2372 | MED | 378 |
| PL53 | 12.92 | 0.54 | 1.03 | 775  | 575  | 1018 | 2368 | MED | 379 |
| RU81 | 12.17 | 0.70 | 0.78 | 743  | 776  | 843  | 2362 | MED | 380 |
| CU65 | 30.23 | 1.38 | 0.41 | 1014 | 1061 | 284  | 2359 | MED | 381 |
| AO03 | 64.05 | 2.27 | 0.10 | 1184 | 1170 | 4    | 2358 | MED | 382 |
| AS19 | 46.19 | 2.11 | 0.25 | 1136 | 1162 | 59   | 2357 | MED | 383 |
| PS60 | 9.84  | 0.84 | 0.88 | 566  | 855  | 935  | 2356 | MED | 384 |
| YO39 | 13.38 | 0.68 | 0.75 | 789  | 755  | 811  | 2355 | MED | 385 |
| CB34 | 63.41 | 2.25 | 0.08 | 1182 | 1168 | 2    | 2352 | MED | 386 |
| JU59 | 8.86  | 0.61 | 1.66 | 501  | 678  | 1168 | 2347 | MED | 387 |
| CB30 | 59.35 | 2.11 | 0.14 | 1177 | 1161 | 8    | 2346 | MED | 388 |
| CB22 | 57.09 | 1.97 | 0.19 | 1173 | 1148 | 23   | 2344 | MED | 389 |
| RU74 | 11.90 | 0.64 | 0.84 | 726  | 722  | 893  | 2341 | MED | 390 |
| CB19 | 56.66 | 1.90 | 0.20 | 1172 | 1142 | 26   | 2340 | MED | 391 |

|      |       |      |      |      |      |      |      |     |     |
|------|-------|------|------|------|------|------|------|-----|-----|
| CB16 | 41.84 | 1.46 | 0.32 | 1108 | 1078 | 150  | 2336 | MED | 392 |
| CU51 | 49.92 | 1.83 | 0.24 | 1151 | 1136 | 44   | 2331 | MED | 393 |
| RA44 | 11.20 | 0.62 | 0.94 | 684  | 687  | 960  | 2331 | MED | 394 |
| AO01 | 56.40 | 2.00 | 0.14 | 1171 | 1150 | 9    | 2330 | MED | 395 |
| AS17 | 43.09 | 2.05 | 0.25 | 1118 | 1153 | 57   | 2328 | MED | 396 |
| JM42 | 11.20 | 0.60 | 1.00 | 682  | 649  | 997  | 2328 | MED | 397 |
| CB31 | 53.13 | 1.92 | 0.16 | 1165 | 1145 | 14   | 2324 | MED | 398 |
| TP14 | 11.98 | 0.67 | 0.79 | 728  | 747  | 849  | 2324 | MED | 399 |
| YO43 | 11.08 | 0.55 | 1.07 | 670  | 609  | 1043 | 2322 | MED | 400 |
| CB21 | 44.54 | 1.61 | 0.28 | 1124 | 1101 | 96   | 2321 | MED | 401 |
| CM30 | 24.59 | 1.03 | 0.48 | 951  | 953  | 416  | 2320 | MED | 402 |
| RU36 | 11.49 | 0.71 | 0.78 | 702  | 780  | 836  | 2318 | MED | 403 |
| CB01 | 30.28 | 1.06 | 0.44 | 1016 | 963  | 337  | 2316 | MED | 404 |
| TP15 | 10.52 | 0.52 | 1.51 | 617  | 545  | 1153 | 2315 | MED | 405 |
| RA51 | 24.00 | 0.95 | 0.50 | 944  | 912  | 458  | 2314 | MED | 406 |
| TC32 | 9.42  | 0.65 | 1.07 | 542  | 732  | 1040 | 2314 | MED | 407 |
| TH45 | 8.99  | 0.58 | 1.72 | 505  | 636  | 1172 | 2313 | MED | 408 |
| RA49 | 21.59 | 0.85 | 0.54 | 921  | 863  | 527  | 2311 | MED | 409 |
| CM14 | 13.71 | 0.70 | 0.70 | 801  | 771  | 738  | 2310 | MED | 410 |
| RA64 | 25.70 | 0.92 | 0.50 | 962  | 899  | 447  | 2308 | MED | 411 |
| PS06 | 10.91 | 0.61 | 0.97 | 652  | 682  | 971  | 2305 | MED | 412 |
| AO21 | 38.56 | 1.40 | 0.32 | 1085 | 1067 | 151  | 2303 | MED | 413 |
| CB35 | 50.81 | 1.81 | 0.17 | 1153 | 1132 | 17   | 2302 | MED | 414 |
| PS38 | 10.39 | 0.81 | 0.80 | 606  | 844  | 852  | 2302 | MED | 415 |
| AO11 | 48.52 | 1.73 | 0.22 | 1145 | 1121 | 34   | 2300 | MED | 416 |
| YO41 | 16.43 | 0.63 | 0.68 | 874  | 715  | 706  | 2295 | MED | 417 |
| CU36 | 37.93 | 1.44 | 0.32 | 1080 | 1076 | 137  | 2293 | MED | 418 |
| RD69 | 11.66 | 0.59 | 0.88 | 713  | 647  | 932  | 2292 | MED | 419 |
| AO18 | 40.66 | 1.48 | 0.29 | 1099 | 1085 | 106  | 2290 | MED | 420 |

|      |       |      |      |      |      |      |      |     |     |
|------|-------|------|------|------|------|------|------|-----|-----|
| PS24 | 11.75 | 0.69 | 0.74 | 718  | 769  | 802  | 2289 | MED | 421 |
| CB41 | 45.37 | 1.61 | 0.25 | 1130 | 1099 | 56   | 2285 | MED | 422 |
| CM13 | 13.40 | 0.63 | 0.73 | 790  | 702  | 792  | 2284 | MED | 423 |
| TP13 | 14.05 | 0.59 | 0.76 | 815  | 641  | 825  | 2281 | MED | 424 |
| RL16 | 10.68 | 0.53 | 1.18 | 639  | 561  | 1080 | 2280 | MED | 425 |
| CB32 | 48.99 | 1.79 | 0.11 | 1146 | 1128 | 5    | 2279 | MED | 426 |
| RA69 | 26.39 | 0.87 | 0.49 | 967  | 871  | 439  | 2277 | MED | 427 |
| YO34 | 24.60 | 0.88 | 0.50 | 952  | 875  | 449  | 2276 | MED | 428 |
| JM68 | 11.13 | 0.70 | 0.76 | 676  | 772  | 823  | 2271 | MED | 429 |
| RL23 | 11.07 | 0.55 | 1.01 | 667  | 593  | 1011 | 2271 | MED | 430 |
| CB36 | 46.69 | 1.68 | 0.17 | 1140 | 1112 | 18   | 2270 | MED | 431 |
| RU22 | 11.05 | 0.51 | 1.16 | 663  | 529  | 1077 | 2269 | MED | 432 |
| PS52 | 12.86 | 1.17 | 0.51 | 772  | 1005 | 482  | 2259 | MED | 433 |
| JA26 | 12.40 | 0.55 | 0.86 | 751  | 598  | 909  | 2258 | MED | 434 |
| NE84 | 13.07 | 0.66 | 0.69 | 780  | 745  | 733  | 2258 | MED | 435 |
| CM29 | 36.18 | 1.47 | 0.29 | 1071 | 1081 | 105  | 2257 | MED | 436 |
| JA25 | 12.60 | 0.60 | 0.79 | 761  | 652  | 844  | 2257 | MED | 437 |
| CB38 | 42.23 | 1.53 | 0.23 | 1114 | 1094 | 40   | 2248 | MED | 438 |
| AO08 | 34.81 | 1.22 | 0.34 | 1059 | 1018 | 170  | 2247 | MED | 439 |
| RA45 | 12.87 | 0.51 | 0.93 | 774  | 523  | 949  | 2246 | MED | 440 |
| PL31 | 13.52 | 0.70 | 0.64 | 792  | 778  | 672  | 2242 | MED | 441 |
| JM65 | 14.32 | 0.83 | 0.57 | 829  | 850  | 562  | 2241 | MED | 442 |
| TC27 | 10.37 | 0.68 | 0.83 | 602  | 760  | 879  | 2241 | MED | 443 |
| CU70 | 34.84 | 1.66 | 0.26 | 1060 | 1107 | 73   | 2240 | MED | 444 |
| JR16 | 10.43 | 0.57 | 1.00 | 610  | 626  | 1003 | 2239 | MED | 445 |
| RA07 | 12.59 | 0.64 | 0.70 | 760  | 725  | 753  | 2238 | MED | 446 |
| RD49 | 11.62 | 0.59 | 0.84 | 710  | 639  | 888  | 2237 | MED | 447 |
| JM48 | 11.99 | 0.60 | 0.79 | 730  | 654  | 848  | 2232 | MED | 448 |
| JM83 | 10.91 | 0.48 | 1.22 | 650  | 485  | 1097 | 2232 | MED | 449 |

|      |       |      |      |      |      |      |      |     |     |
|------|-------|------|------|------|------|------|------|-----|-----|
| AO09 | 37.85 | 1.30 | 0.29 | 1079 | 1042 | 108  | 2229 | MED | 450 |
| CB42 | 42.02 | 1.55 | 0.19 | 1112 | 1096 | 20   | 2228 | MED | 451 |
| CB44 | 38.83 | 1.42 | 0.26 | 1087 | 1070 | 69   | 2226 | MED | 452 |
| PS65 | 12.55 | 1.26 | 0.49 | 758  | 1031 | 437  | 2226 | MED | 453 |
| CB39 | 41.94 | 1.50 | 0.20 | 1109 | 1086 | 27   | 2222 | MED | 454 |
| RA17 | 22.26 | 0.90 | 0.48 | 927  | 891  | 404  | 2222 | MED | 455 |
| PU05 | 14.99 | 0.72 | 0.58 | 846  | 799  | 576  | 2221 | MED | 456 |
| AO14 | 41.47 | 1.52 | 0.19 | 1106 | 1090 | 21   | 2217 | MED | 457 |
| AO04 | 36.86 | 1.33 | 0.28 | 1075 | 1052 | 86   | 2213 | MED | 458 |
| RU86 | 10.08 | 0.52 | 1.18 | 587  | 544  | 1082 | 2213 | MED | 459 |
| RA28 | 10.44 | 0.53 | 1.05 | 612  | 571  | 1027 | 2210 | MED | 460 |
| YO21 | 12.19 | 0.55 | 0.82 | 744  | 604  | 862  | 2210 | MED | 461 |
| PS04 | 10.61 | 0.61 | 0.85 | 631  | 677  | 899  | 2207 | MED | 462 |
| RL10 | 11.65 | 0.58 | 0.80 | 711  | 638  | 851  | 2200 | MED | 463 |
| TC33 | 9.14  | 0.58 | 1.10 | 517  | 631  | 1052 | 2200 | MED | 464 |
| RU29 | 11.70 | 0.54 | 0.85 | 716  | 576  | 905  | 2197 | MED | 465 |
| JR22 | 10.91 | 0.50 | 1.04 | 649  | 521  | 1022 | 2192 | MED | 466 |
| JA28 | 15.58 | 0.63 | 0.61 | 858  | 701  | 632  | 2191 | MED | 467 |
| CU11 | 12.16 | 0.60 | 0.74 | 742  | 653  | 795  | 2190 | MED | 468 |
| CB33 | 39.87 | 1.53 | 0.08 | 1093 | 1093 | 3    | 2189 | MED | 469 |
| JM61 | 11.35 | 0.63 | 0.72 | 694  | 713  | 779  | 2186 | MED | 470 |
| RA66 | 27.18 | 0.87 | 0.44 | 977  | 870  | 338  | 2185 | MED | 471 |
| RA71 | 23.14 | 0.75 | 0.49 | 935  | 814  | 434  | 2183 | MED | 472 |
| PS37 | 10.52 | 0.83 | 0.68 | 618  | 853  | 711  | 2182 | MED | 473 |
| CB43 | 36.37 | 1.33 | 0.25 | 1073 | 1053 | 55   | 2181 | MED | 474 |
| PS50 | 14.64 | 1.51 | 0.39 | 840  | 1088 | 247  | 2175 | MED | 475 |
| RU35 | 11.57 | 0.62 | 0.72 | 706  | 696  | 773  | 2175 | MED | 476 |
| PL61 | 11.05 | 0.44 | 1.24 | 665  | 406  | 1102 | 2173 | MED | 477 |
| RU80 | 12.07 | 0.60 | 0.73 | 735  | 655  | 783  | 2173 | MED | 478 |

|      |       |      |      |      |      |      |      |     |     |
|------|-------|------|------|------|------|------|------|-----|-----|
| AO02 | 27.48 | 1.03 | 0.38 | 984  | 954  | 233  | 2171 | MED | 479 |
| JU30 | 10.90 | 0.84 | 0.63 | 647  | 856  | 657  | 2160 | MED | 480 |
| RA70 | 21.23 | 0.72 | 0.50 | 916  | 793  | 450  | 2159 | MED | 481 |
| RL24 | 11.40 | 0.47 | 1.00 | 697  | 456  | 1001 | 2154 | MED | 482 |
| JA24 | 11.20 | 0.77 | 0.61 | 685  | 826  | 637  | 2148 | MED | 483 |
| JM54 | 11.19 | 0.69 | 0.67 | 681  | 767  | 700  | 2148 | MED | 484 |
| TP10 | 12.39 | 0.70 | 0.60 | 749  | 775  | 616  | 2140 | MED | 485 |
| JU22 | 8.08  | 0.53 | 1.36 | 433  | 572  | 1134 | 2139 | MED | 486 |
| JM77 | 10.67 | 0.65 | 0.71 | 637  | 738  | 763  | 2138 | MED | 487 |
| TC26 | 8.73  | 0.60 | 0.98 | 489  | 659  | 986  | 2134 | MED | 488 |
| CU07 | 12.83 | 0.61 | 0.67 | 770  | 671  | 692  | 2133 | MED | 489 |
| PS84 | 10.70 | 0.62 | 0.74 | 641  | 686  | 804  | 2131 | MED | 490 |
| PS07 | 10.63 | 0.56 | 0.83 | 633  | 614  | 883  | 2130 | MED | 491 |
| JA23 | 12.41 | 0.51 | 0.78 | 752  | 536  | 841  | 2129 | MED | 492 |
| TP18 | 10.81 | 0.71 | 0.67 | 643  | 784  | 701  | 2128 | MED | 493 |
| CM08 | 10.62 | 0.54 | 0.86 | 632  | 582  | 911  | 2125 | MED | 494 |
| PS41 | 10.75 | 0.74 | 0.65 | 642  | 808  | 674  | 2124 | MED | 495 |
| CM16 | 11.62 | 0.61 | 0.70 | 707  | 672  | 742  | 2121 | MED | 496 |
| JL38 | 27.46 | 1.02 | 0.34 | 983  | 949  | 189  | 2121 | MED | 497 |
| PS08 | 10.99 | 0.64 | 0.70 | 657  | 716  | 748  | 2121 | MED | 498 |
| RL07 | 11.41 | 0.55 | 0.76 | 699  | 599  | 822  | 2120 | MED | 499 |
| RA72 | 27.78 | 0.95 | 0.37 | 987  | 911  | 219  | 2117 | MED | 500 |
| PL29 | 13.17 | 0.64 | 0.60 | 784  | 723  | 609  | 2116 | MED | 501 |
| RA68 | 23.83 | 0.78 | 0.45 | 941  | 831  | 344  | 2116 | MED | 502 |
| CB46 | 32.60 | 1.39 | 0.16 | 1036 | 1064 | 15   | 2115 | MED | 503 |
| RA19 | 13.12 | 0.63 | 0.61 | 781  | 706  | 627  | 2114 | MED | 504 |
| AO10 | 35.48 | 1.21 | 0.22 | 1061 | 1017 | 33   | 2111 | MED | 505 |
| JA27 | 11.34 | 0.49 | 0.87 | 692  | 493  | 924  | 2109 | MED | 506 |
| RL17 | 9.36  | 0.43 | 1.77 | 535  | 396  | 1177 | 2108 | MED | 507 |

|      |       |      |      |      |      |      |      |     |     |
|------|-------|------|------|------|------|------|------|-----|-----|
| PL59 | 13.98 | 0.67 | 0.56 | 810  | 751  | 543  | 2104 | MED | 508 |
| PL14 | 11.73 | 0.56 | 0.71 | 717  | 613  | 767  | 2097 | MED | 509 |
| RU21 | 9.93  | 0.45 | 1.21 | 576  | 427  | 1094 | 2097 | MED | 510 |
| JL18 | 23.21 | 0.83 | 0.43 | 936  | 848  | 310  | 2094 | MED | 511 |
| JU83 | 7.66  | 0.55 | 1.21 | 393  | 608  | 1093 | 2094 | MED | 512 |
| PS82 | 10.16 | 0.58 | 0.82 | 593  | 630  | 864  | 2087 | MED | 513 |
| CB03 | 33.43 | 1.14 | 0.24 | 1042 | 994  | 49   | 2085 | MED | 514 |
| RA67 | 22.55 | 0.75 | 0.44 | 930  | 818  | 333  | 2081 | MED | 515 |
| RU78 | 11.16 | 0.68 | 0.62 | 678  | 756  | 645  | 2079 | MED | 516 |
| YO09 | 12.47 | 0.52 | 0.72 | 755  | 548  | 775  | 2078 | MED | 517 |
| PS31 | 11.78 | 0.78 | 0.54 | 720  | 830  | 526  | 2076 | MED | 518 |
| JM20 | 9.92  | 0.62 | 0.75 | 572  | 693  | 810  | 2075 | MED | 519 |
| CB45 | 30.82 | 1.28 | 0.15 | 1022 | 1039 | 13   | 2074 | MED | 520 |
| RU28 | 10.44 | 0.45 | 1.06 | 611  | 430  | 1033 | 2074 | MED | 521 |
| JM64 | 11.38 | 0.71 | 0.58 | 696  | 787  | 588  | 2071 | MED | 522 |
| PL57 | 11.18 | 0.46 | 0.91 | 680  | 445  | 945  | 2070 | MED | 523 |
| TC31 | 8.51  | 0.59 | 0.93 | 468  | 645  | 950  | 2063 | MED | 524 |
| JM58 | 11.12 | 0.61 | 0.68 | 675  | 668  | 717  | 2060 | MED | 525 |
| JA32 | 12.02 | 0.63 | 0.60 | 733  | 711  | 610  | 2054 | MED | 526 |
| CM01 | 10.91 | 0.55 | 0.75 | 651  | 596  | 806  | 2053 | MED | 527 |
| JM75 | 8.06  | 0.45 | 2.07 | 430  | 429  | 1191 | 2050 | MED | 528 |
| JU46 | 9.04  | 0.43 | 1.47 | 507  | 386  | 1149 | 2042 | MED | 529 |
| RU66 | 11.05 | 0.49 | 0.84 | 664  | 491  | 887  | 2042 | MED | 530 |
| RU69 | 11.99 | 0.53 | 0.70 | 729  | 569  | 743  | 2041 | MED | 531 |
| TH44 | 8.00  | 0.52 | 1.11 | 422  | 552  | 1059 | 2033 | MED | 532 |
| PL17 | 15.73 | 0.77 | 0.45 | 860  | 825  | 345  | 2030 | MED | 533 |
| CU19 | 13.13 | 0.55 | 0.62 | 783  | 602  | 639  | 2024 | MED | 534 |
| TP12 | 10.96 | 0.63 | 0.64 | 656  | 704  | 663  | 2023 | MED | 535 |
| TC23 | 8.67  | 0.62 | 0.79 | 482  | 689  | 847  | 2018 | MED | 536 |

|      |       |      |      |     |     |      |      |     |     |
|------|-------|------|------|-----|-----|------|------|-----|-----|
| RU82 | 10.04 | 0.59 | 0.73 | 582 | 644 | 787  | 2013 | MED | 537 |
| RU76 | 10.44 | 0.60 | 0.70 | 613 | 650 | 747  | 2010 | MED | 538 |
| RU32 | 11.11 | 0.54 | 0.70 | 674 | 574 | 754  | 2002 | MED | 539 |
| JU21 | 10.10 | 0.49 | 0.86 | 589 | 498 | 912  | 1999 | MED | 540 |
| JM80 | 9.97  | 0.42 | 1.14 | 577 | 350 | 1067 | 1994 | MED | 541 |
| PS86 | 14.23 | 0.51 | 0.61 | 826 | 538 | 630  | 1994 | MED | 542 |
| JM79 | 10.38 | 0.55 | 0.73 | 604 | 594 | 793  | 1991 | MED | 543 |
| JU33 | 13.54 | 1.13 | 0.35 | 794 | 992 | 201  | 1987 | MED | 544 |
| RU57 | 11.01 | 0.48 | 0.80 | 659 | 478 | 850  | 1987 | MED | 545 |
| PU01 | 10.43 | 0.90 | 0.51 | 609 | 890 | 481  | 1980 | MED | 546 |
| JU80 | 7.62  | 0.47 | 1.29 | 389 | 468 | 1121 | 1978 | MED | 547 |
| JA16 | 10.38 | 0.63 | 0.64 | 605 | 700 | 668  | 1973 | MED | 548 |
| RA73 | 21.28 | 0.69 | 0.41 | 917 | 766 | 290  | 1973 | MED | 549 |
| RU70 | 12.97 | 0.56 | 0.58 | 776 | 611 | 586  | 1973 | MED | 550 |
| RD02 | 9.00  | 0.48 | 0.99 | 506 | 477 | 989  | 1972 | MED | 551 |
| NE11 | 7.37  | 0.46 | 1.50 | 363 | 452 | 1152 | 1967 | MED | 552 |
| CM05 | 10.58 | 0.52 | 0.71 | 625 | 556 | 770  | 1951 | MED | 553 |
| RU23 | 9.38  | 0.44 | 1.02 | 536 | 402 | 1013 | 1951 | MED | 554 |
| JU84 | 8.54  | 0.66 | 0.68 | 470 | 741 | 718  | 1929 | MED | 555 |
| JA34 | 15.54 | 0.66 | 0.44 | 857 | 744 | 326  | 1927 | MED | 556 |
| YO17 | 10.81 | 0.53 | 0.68 | 644 | 562 | 721  | 1927 | MED | 557 |
| YO15 | 10.59 | 0.52 | 0.70 | 628 | 541 | 755  | 1924 | MED | 558 |
| JM53 | 10.08 | 0.56 | 0.68 | 586 | 615 | 722  | 1923 | MED | 559 |
| RA50 | 21.19 | 0.82 | 0.33 | 915 | 847 | 160  | 1922 | MED | 560 |
| TP11 | 8.26  | 0.53 | 0.85 | 444 | 573 | 904  | 1921 | MED | 561 |
| PS27 | 9.11  | 0.52 | 0.81 | 515 | 549 | 856  | 1920 | MED | 562 |
| PL32 | 11.76 | 0.61 | 0.54 | 719 | 669 | 530  | 1918 | MED | 563 |
| RA34 | 11.08 | 0.51 | 0.69 | 668 | 526 | 724  | 1918 | MED | 564 |
| JU56 | 7.16  | 0.49 | 1.19 | 343 | 490 | 1084 | 1917 | MED | 565 |

|      |       |      |      |     |      |      |      |     |     |
|------|-------|------|------|-----|------|------|------|-----|-----|
| RA74 | 21.53 | 0.70 | 0.37 | 918 | 774  | 225  | 1917 | MED | 566 |
| YO07 | 11.24 | 0.57 | 0.60 | 687 | 618  | 611  | 1916 | MED | 567 |
| JU04 | 12.87 | 1.16 | 0.32 | 773 | 999  | 143  | 1915 | MED | 568 |
| RD74 | 9.75  | 0.51 | 0.77 | 556 | 528  | 831  | 1915 | MED | 569 |
| YO05 | 10.59 | 0.55 | 0.67 | 627 | 591  | 695  | 1913 | MED | 570 |
| JM17 | 8.83  | 0.64 | 0.66 | 499 | 727  | 684  | 1910 | MED | 571 |
| RD44 | 10.56 | 0.53 | 0.68 | 622 | 563  | 719  | 1904 | MED | 572 |
| PS75 | 11.11 | 0.54 | 0.62 | 673 | 585  | 643  | 1901 | MED | 573 |
| JA14 | 9.93  | 0.54 | 0.70 | 575 | 584  | 741  | 1900 | MED | 574 |
| JU05 | 14.45 | 1.28 | 0.21 | 834 | 1036 | 30   | 1900 | MED | 575 |
| JU25 | 10.29 | 0.91 | 0.48 | 597 | 893  | 410  | 1900 | MED | 576 |
| JA02 | 9.20  | 0.63 | 0.64 | 524 | 705  | 667  | 1896 | MED | 577 |
| PU16 | 12.48 | 0.58 | 0.53 | 756 | 628  | 510  | 1894 | MED | 578 |
| JA31 | 12.98 | 0.60 | 0.50 | 777 | 660  | 454  | 1891 | MED | 579 |
| YO14 | 9.60  | 0.49 | 0.77 | 551 | 506  | 834  | 1891 | MED | 580 |
| RA22 | 11.27 | 0.75 | 0.47 | 688 | 813  | 389  | 1890 | MED | 581 |
| PS02 | 8.73  | 0.65 | 0.64 | 491 | 733  | 662  | 1886 | MED | 582 |
| PL64 | 11.62 | 0.49 | 0.66 | 709 | 492  | 680  | 1881 | MED | 583 |
| TC25 | 9.25  | 0.61 | 0.65 | 528 | 680  | 673  | 1881 | MED | 584 |
| JU32 | 12.80 | 1.07 | 0.32 | 768 | 967  | 144  | 1879 | MED | 585 |
| RA16 | 10.60 | 0.52 | 0.67 | 629 | 555  | 694  | 1878 | MED | 586 |
| RU73 | 9.86  | 0.45 | 0.82 | 569 | 433  | 868  | 1870 | MED | 587 |
| RU03 | 7.35  | 0.43 | 1.36 | 362 | 373  | 1133 | 1868 | MED | 588 |
| PS36 | 9.83  | 0.67 | 0.56 | 565 | 749  | 553  | 1867 | MED | 589 |
| RD75 | 10.11 | 0.50 | 0.70 | 590 | 519  | 757  | 1866 | MED | 590 |
| JR20 | 9.17  | 0.51 | 0.76 | 522 | 522  | 819  | 1863 | MED | 591 |
| CM12 | 10.96 | 0.48 | 0.69 | 655 | 472  | 734  | 1861 | MED | 592 |
| JM24 | 7.60  | 0.55 | 0.82 | 387 | 607  | 865  | 1859 | MED | 593 |
| PL50 | 11.65 | 0.46 | 0.67 | 712 | 448  | 696  | 1856 | MED | 594 |

|      |       |      |      |     |     |      |      |     |     |
|------|-------|------|------|-----|-----|------|------|-----|-----|
| RU31 | 10.94 | 0.51 | 0.64 | 653 | 533 | 669  | 1855 | MED | 595 |
| YO69 | 23.38 | 0.91 | 0.19 | 937 | 894 | 22   | 1853 | MED | 596 |
| PS49 | 12.29 | 1.13 | 0.30 | 745 | 990 | 114  | 1849 | MED | 597 |
| JU03 | 12.40 | 1.04 | 0.32 | 750 | 955 | 141  | 1846 | MED | 598 |
| CM06 | 9.85  | 0.52 | 0.69 | 568 | 546 | 728  | 1842 | MED | 599 |
| CU06 | 11.03 | 0.59 | 0.55 | 660 | 642 | 537  | 1839 | MED | 600 |
| RD65 | 10.05 | 0.48 | 0.71 | 584 | 487 | 766  | 1837 | MED | 601 |
| JA18 | 10.03 | 0.60 | 0.59 | 581 | 651 | 604  | 1836 | MED | 602 |
| JM69 | 9.23  | 0.71 | 0.54 | 526 | 789 | 521  | 1836 | MED | 603 |
| TC24 | 8.27  | 0.59 | 0.70 | 445 | 646 | 739  | 1830 | MED | 604 |
| RU30 | 10.45 | 0.51 | 0.66 | 614 | 527 | 688  | 1829 | MED | 605 |
| TC22 | 7.30  | 0.51 | 0.89 | 354 | 534 | 937  | 1825 | MED | 606 |
| JU49 | 7.28  | 0.43 | 1.20 | 352 | 381 | 1090 | 1823 | MED | 607 |
| NE62 | 8.34  | 0.40 | 1.08 | 452 | 323 | 1048 | 1823 | MED | 608 |
| PS30 | 10.25 | 0.60 | 0.57 | 595 | 663 | 564  | 1822 | MED | 609 |
| PU03 | 11.55 | 1.02 | 0.33 | 705 | 946 | 167  | 1818 | MED | 610 |
| JU28 | 11.89 | 1.11 | 0.29 | 724 | 982 | 111  | 1817 | MED | 611 |
| RD46 | 9.79  | 0.55 | 0.63 | 563 | 600 | 650  | 1813 | MED | 612 |
| TH37 | 6.19  | 0.44 | 1.44 | 249 | 415 | 1146 | 1810 | MED | 613 |
| YO02 | 9.93  | 0.57 | 0.60 | 574 | 622 | 614  | 1810 | MED | 614 |
| PU20 | 11.06 | 0.39 | 0.80 | 666 | 290 | 853  | 1809 | MED | 615 |
| PU02 | 13.87 | 0.98 | 0.27 | 807 | 923 | 76   | 1806 | MED | 616 |
| RD64 | 9.92  | 0.49 | 0.69 | 573 | 496 | 730  | 1799 | MED | 617 |
| JM67 | 10.58 | 0.77 | 0.45 | 624 | 827 | 346  | 1797 | MED | 618 |
| BS34 | 6.52  | 0.44 | 1.20 | 294 | 412 | 1087 | 1793 | MED | 619 |
| JM73 | 9.41  | 0.53 | 0.66 | 540 | 566 | 685  | 1791 | MED | 620 |
| CM09 | 10.42 | 0.54 | 0.59 | 608 | 580 | 601  | 1789 | MED | 621 |
| TC30 | 8.37  | 0.56 | 0.68 | 457 | 612 | 720  | 1789 | MED | 622 |
| JM71 | 9.75  | 0.52 | 0.65 | 557 | 547 | 677  | 1781 | LOW | 623 |

|      |       |      |      |     |     |      |      |     |     |
|------|-------|------|------|-----|-----|------|------|-----|-----|
| YA06 | 7.49  | 0.46 | 0.95 | 376 | 443 | 961  | 1780 | LOW | 624 |
| JU72 | 8.05  | 0.54 | 0.71 | 427 | 583 | 769  | 1779 | LOW | 625 |
| YO38 | 11.84 | 0.52 | 0.52 | 722 | 557 | 500  | 1779 | LOW | 626 |
| RU89 | 8.08  | 0.48 | 0.83 | 434 | 471 | 873  | 1778 | LOW | 627 |
| JM60 | 8.70  | 0.51 | 0.71 | 485 | 530 | 760  | 1775 | LOW | 628 |
| JA03 | 9.19  | 0.71 | 0.50 | 523 | 785 | 466  | 1774 | LOW | 629 |
| YO24 | 10.89 | 0.51 | 0.59 | 646 | 531 | 593  | 1770 | LOW | 630 |
| JL21 | 11.09 | 0.46 | 0.62 | 671 | 450 | 646  | 1767 | LOW | 631 |
| YO44 | 10.13 | 0.50 | 0.64 | 592 | 514 | 660  | 1766 | LOW | 632 |
| YO16 | 10.42 | 0.51 | 0.61 | 607 | 524 | 634  | 1765 | LOW | 633 |
| RD45 | 9.15  | 0.45 | 0.75 | 519 | 436 | 807  | 1762 | LOW | 634 |
| YO04 | 8.63  | 0.58 | 0.62 | 478 | 637 | 644  | 1759 | LOW | 635 |
| JA01 | 10.61 | 0.75 | 0.43 | 630 | 817 | 309  | 1756 | LOW | 636 |
| NE59 | 9.22  | 0.50 | 0.68 | 525 | 511 | 716  | 1752 | LOW | 637 |
| JM13 | 8.16  | 0.45 | 0.83 | 439 | 432 | 878  | 1749 | LOW | 638 |
| YA04 | 7.28  | 0.40 | 1.20 | 351 | 305 | 1092 | 1748 | LOW | 639 |
| RA15 | 9.54  | 0.55 | 0.59 | 548 | 595 | 598  | 1741 | LOW | 640 |
| RL01 | 9.56  | 0.43 | 0.75 | 549 | 377 | 813  | 1739 | LOW | 641 |
| RU83 | 10.31 | 0.70 | 0.45 | 599 | 777 | 363  | 1739 | LOW | 642 |
| JU06 | 13.79 | 0.94 | 0.18 | 802 | 909 | 19   | 1730 | LOW | 643 |
| RA35 | 9.43  | 0.49 | 0.67 | 544 | 494 | 691  | 1729 | LOW | 644 |
| PU04 | 12.13 | 1.02 | 0.24 | 740 | 944 | 43   | 1727 | LOW | 645 |
| CM11 | 11.13 | 0.53 | 0.51 | 677 | 565 | 478  | 1720 | LOW | 646 |
| PL19 | 15.18 | 0.60 | 0.35 | 852 | 665 | 200  | 1717 | LOW | 647 |
| RA23 | 10.83 | 0.60 | 0.48 | 645 | 657 | 415  | 1717 | LOW | 648 |
| RA26 | 9.15  | 0.47 | 0.69 | 518 | 470 | 725  | 1713 | LOW | 649 |
| JM70 | 10.29 | 0.62 | 0.49 | 596 | 684 | 430  | 1710 | LOW | 650 |
| TH23 | 6.28  | 0.42 | 1.19 | 259 | 365 | 1083 | 1707 | LOW | 651 |
| JU08 | 12.85 | 0.85 | 0.26 | 771 | 860 | 75   | 1706 | LOW | 652 |

|      |       |      |      |     |     |      |      |     |     |
|------|-------|------|------|-----|-----|------|------|-----|-----|
| JU78 | 6.92  | 0.50 | 0.82 | 324 | 512 | 870  | 1706 | LOW | 653 |
| TC17 | 7.47  | 0.36 | 1.28 | 373 | 214 | 1116 | 1703 | LOW | 654 |
| PL63 | 12.31 | 0.48 | 0.51 | 746 | 476 | 480  | 1702 | LOW | 655 |
| PS43 | 9.06  | 0.63 | 0.52 | 510 | 699 | 490  | 1699 | LOW | 656 |
| JU85 | 7.75  | 0.60 | 0.61 | 403 | 666 | 628  | 1697 | LOW | 657 |
| JU02 | 11.53 | 1.04 | 0.22 | 704 | 957 | 31   | 1692 | LOW | 658 |
| PS81 | 9.06  | 0.49 | 0.66 | 509 | 502 | 681  | 1692 | LOW | 659 |
| JM32 | 7.46  | 0.47 | 0.80 | 370 | 462 | 854  | 1686 | LOW | 660 |
| PL12 | 10.00 | 0.44 | 0.67 | 578 | 401 | 703  | 1682 | LOW | 661 |
| RD76 | 8.13  | 0.45 | 0.75 | 436 | 425 | 816  | 1677 | LOW | 662 |
| RU88 | 8.87  | 0.49 | 0.65 | 502 | 495 | 678  | 1675 | LOW | 663 |
| JU47 | 7.23  | 0.37 | 1.16 | 350 | 252 | 1072 | 1674 | LOW | 664 |
| JA05 | 10.38 | 0.65 | 0.44 | 603 | 739 | 330  | 1672 | LOW | 665 |
| BS32 | 8.28  | 0.52 | 0.66 | 446 | 542 | 683  | 1671 | LOW | 666 |
| RU20 | 6.73  | 0.41 | 1.05 | 306 | 333 | 1025 | 1664 | LOW | 667 |
| JU86 | 6.52  | 0.46 | 0.87 | 293 | 449 | 920  | 1662 | LOW | 668 |
| PS01 | 9.90  | 0.63 | 0.47 | 571 | 698 | 392  | 1661 | LOW | 669 |
| TP02 | 9.53  | 0.60 | 0.50 | 547 | 658 | 456  | 1661 | LOW | 670 |
| TC16 | 7.29  | 0.48 | 0.77 | 353 | 473 | 832  | 1658 | LOW | 671 |
| JU66 | 11.05 | 1.01 | 0.24 | 662 | 939 | 48   | 1649 | LOW | 672 |
| RD47 | 10.09 | 0.52 | 0.53 | 588 | 553 | 504  | 1645 | LOW | 673 |
| CU04 | 9.75  | 0.42 | 0.69 | 555 | 358 | 731  | 1644 | LOW | 674 |
| PL40 | 14.22 | 0.61 | 0.32 | 825 | 679 | 139  | 1643 | LOW | 675 |
| JA11 | 9.81  | 0.60 | 0.49 | 564 | 656 | 422  | 1642 | LOW | 676 |
| JU63 | 9.41  | 0.40 | 0.72 | 539 | 326 | 776  | 1641 | LOW | 677 |
| RD32 | 10.05 | 0.43 | 0.64 | 583 | 389 | 665  | 1637 | LOW | 678 |
| TH39 | 5.96  | 0.36 | 1.71 | 225 | 238 | 1171 | 1634 | LOW | 679 |
| YO08 | 9.78  | 0.47 | 0.60 | 560 | 455 | 615  | 1630 | LOW | 680 |
| RD43 | 9.67  | 0.42 | 0.68 | 553 | 360 | 713  | 1626 | LOW | 681 |

|      |       |      |      |     |     |     |      |     |     |
|------|-------|------|------|-----|-----|-----|------|-----|-----|
| RD48 | 9.10  | 0.51 | 0.58 | 514 | 525 | 587 | 1626 | LOW | 682 |
| YO40 | 9.47  | 0.51 | 0.55 | 545 | 540 | 540 | 1625 | LOW | 683 |
| RD51 | 9.56  | 0.54 | 0.52 | 550 | 577 | 495 | 1622 | LOW | 684 |
| JU09 | 10.55 | 0.71 | 0.37 | 621 | 782 | 217 | 1620 | LOW | 685 |
| JU73 | 9.35  | 0.49 | 0.58 | 533 | 501 | 585 | 1619 | LOW | 686 |
| PL45 | 14.18 | 0.68 | 0.23 | 820 | 758 | 41  | 1619 | LOW | 687 |
| JM23 | 6.66  | 0.45 | 0.83 | 302 | 434 | 880 | 1616 | LOW | 688 |
| PS44 | 8.23  | 0.62 | 0.51 | 442 | 694 | 479 | 1615 | LOW | 689 |
| PL35 | 9.66  | 0.62 | 0.46 | 552 | 688 | 371 | 1611 | LOW | 690 |
| PU07 | 9.08  | 0.58 | 0.51 | 511 | 629 | 470 | 1610 | LOW | 691 |
| TC19 | 8.70  | 0.55 | 0.54 | 484 | 592 | 533 | 1609 | LOW | 692 |
| CU30 | 15.76 | 0.61 | 0.26 | 861 | 674 | 70  | 1605 | LOW | 693 |
| JU12 | 8.87  | 0.64 | 0.47 | 503 | 718 | 381 | 1602 | LOW | 694 |
| PL42 | 12.08 | 0.57 | 0.38 | 737 | 619 | 246 | 1602 | LOW | 695 |
| JU36 | 8.41  | 0.68 | 0.46 | 459 | 761 | 378 | 1598 | LOW | 696 |
| RD61 | 9.09  | 0.48 | 0.60 | 513 | 480 | 605 | 1598 | LOW | 697 |
| RD63 | 10.50 | 0.54 | 0.48 | 616 | 581 | 399 | 1596 | LOW | 698 |
| BS30 | 7.06  | 0.48 | 0.71 | 335 | 489 | 771 | 1595 | LOW | 699 |
| TH41 | 5.93  | 0.43 | 1.00 | 215 | 382 | 996 | 1593 | LOW | 700 |
| PS28 | 8.45  | 0.49 | 0.61 | 464 | 505 | 623 | 1592 | LOW | 701 |
| JU70 | 9.47  | 0.67 | 0.41 | 546 | 752 | 293 | 1591 | LOW | 702 |
| PS74 | 8.36  | 0.51 | 0.59 | 456 | 532 | 603 | 1591 | LOW | 703 |
| RD57 | 10.07 | 0.48 | 0.53 | 585 | 482 | 520 | 1587 | LOW | 704 |
| JU29 | 9.77  | 0.88 | 0.33 | 558 | 874 | 152 | 1584 | LOW | 705 |
| JA12 | 8.73  | 0.38 | 0.77 | 488 | 267 | 827 | 1582 | LOW | 706 |
| PL03 | 11.17 | 0.37 | 0.64 | 679 | 240 | 659 | 1578 | LOW | 707 |
| JU01 | 10.69 | 0.91 | 0.23 | 640 | 895 | 42  | 1577 | LOW | 708 |
| PL13 | 10.32 | 0.50 | 0.50 | 600 | 513 | 464 | 1577 | LOW | 709 |
| JR19 | 8.78  | 0.52 | 0.54 | 494 | 550 | 531 | 1575 | LOW | 710 |

|      |       |      |      |     |     |      |      |     |     |
|------|-------|------|------|-----|-----|------|------|-----|-----|
| PL02 | 11.00 | 0.42 | 0.56 | 658 | 364 | 552  | 1574 | LOW | 711 |
| JM12 | 8.44  | 0.45 | 0.64 | 460 | 439 | 670  | 1569 | LOW | 712 |
| CU03 | 9.27  | 0.43 | 0.61 | 530 | 398 | 636  | 1564 | LOW | 713 |
| RU71 | 8.67  | 0.45 | 0.62 | 481 | 435 | 647  | 1563 | LOW | 714 |
| JM66 | 10.30 | 0.61 | 0.42 | 598 | 667 | 296  | 1561 | LOW | 715 |
| BS25 | 5.89  | 0.41 | 1.01 | 208 | 344 | 1007 | 1559 | LOW | 716 |
| RD67 | 10.11 | 0.55 | 0.46 | 591 | 588 | 379  | 1558 | LOW | 717 |
| JA35 | 10.23 | 0.72 | 0.33 | 594 | 796 | 166  | 1556 | LOW | 718 |
| RU72 | 8.57  | 0.42 | 0.69 | 473 | 355 | 727  | 1555 | LOW | 719 |
| JA33 | 10.65 | 0.49 | 0.48 | 635 | 507 | 408  | 1550 | LOW | 720 |
| NE42 | 7.07  | 0.62 | 0.54 | 336 | 690 | 522  | 1548 | LOW | 721 |
| PL27 | 11.05 | 0.68 | 0.31 | 661 | 754 | 132  | 1547 | LOW | 722 |
| CM04 | 8.35  | 0.41 | 0.70 | 454 | 334 | 758  | 1546 | LOW | 723 |
| BS29 | 7.72  | 0.48 | 0.64 | 400 | 481 | 664  | 1545 | LOW | 724 |
| RD19 | 7.34  | 0.41 | 0.79 | 361 | 338 | 845  | 1544 | LOW | 725 |
| JU76 | 8.61  | 0.62 | 0.46 | 476 | 692 | 369  | 1537 | LOW | 726 |
| RU37 | 9.36  | 0.48 | 0.53 | 534 | 486 | 516  | 1536 | LOW | 727 |
| RL21 | 7.78  | 0.40 | 0.76 | 406 | 308 | 818  | 1532 | LOW | 728 |
| TC15 | 6.27  | 0.47 | 0.74 | 257 | 464 | 799  | 1520 | LOW | 729 |
| JR14 | 7.52  | 0.42 | 0.71 | 380 | 369 | 761  | 1510 | LOW | 730 |
| PS42 | 8.34  | 0.57 | 0.49 | 453 | 621 | 435  | 1509 | LOW | 731 |
| BS28 | 7.80  | 0.49 | 0.59 | 408 | 504 | 596  | 1508 | LOW | 732 |
| PS79 | 9.87  | 0.54 | 0.45 | 570 | 579 | 358  | 1507 | LOW | 733 |
| TP05 | 8.55  | 0.57 | 0.48 | 471 | 623 | 413  | 1507 | LOW | 734 |
| TC20 | 11.28 | 0.62 | 0.31 | 690 | 685 | 129  | 1504 | LOW | 735 |
| RU59 | 9.12  | 0.43 | 0.60 | 516 | 371 | 613  | 1500 | LOW | 736 |
| JM56 | 8.67  | 0.63 | 0.42 | 480 | 714 | 303  | 1497 | LOW | 737 |
| PL16 | 10.59 | 0.43 | 0.51 | 626 | 387 | 483  | 1496 | LOW | 738 |
| JU31 | 9.33  | 0.79 | 0.31 | 531 | 836 | 120  | 1487 | LOW | 739 |

|      |       |      |      |     |     |     |      |     |     |
|------|-------|------|------|-----|-----|-----|------|-----|-----|
| JU45 | 6.46  | 0.36 | 0.96 | 286 | 232 | 969 | 1487 | LOW | 740 |
| RU67 | 9.17  | 0.46 | 0.53 | 521 | 451 | 515 | 1487 | LOW | 741 |
| JU14 | 10.54 | 0.72 | 0.26 | 620 | 795 | 66  | 1481 | LOW | 742 |
| JA29 | 10.90 | 0.60 | 0.33 | 648 | 661 | 169 | 1478 | LOW | 743 |
| PL28 | 10.02 | 0.61 | 0.37 | 580 | 675 | 221 | 1476 | LOW | 744 |
| JU68 | 9.77  | 0.79 | 0.27 | 559 | 834 | 79  | 1472 | LOW | 745 |
| JR13 | 7.18  | 0.42 | 0.72 | 346 | 353 | 772 | 1471 | LOW | 746 |
| YO19 | 8.74  | 0.58 | 0.45 | 492 | 635 | 341 | 1468 | LOW | 747 |
| JM26 | 7.04  | 0.49 | 0.61 | 333 | 509 | 625 | 1467 | LOW | 748 |
| PS83 | 11.10 | 0.48 | 0.43 | 672 | 479 | 316 | 1467 | LOW | 749 |
| NE57 | 8.45  | 0.44 | 0.58 | 461 | 417 | 583 | 1461 | LOW | 750 |
| JM47 | 7.33  | 0.44 | 0.65 | 360 | 421 | 676 | 1457 | LOW | 751 |
| RD23 | 8.05  | 0.38 | 0.70 | 426 | 282 | 749 | 1457 | LOW | 752 |
| PU19 | 11.41 | 0.48 | 0.40 | 698 | 484 | 271 | 1453 | LOW | 753 |
| RD53 | 8.71  | 0.47 | 0.53 | 486 | 461 | 506 | 1453 | LOW | 754 |
| JM55 | 8.32  | 0.62 | 0.42 | 451 | 691 | 307 | 1449 | LOW | 755 |
| RU33 | 8.72  | 0.43 | 0.57 | 487 | 394 | 568 | 1449 | LOW | 756 |
| JU07 | 10.67 | 0.74 | 0.12 | 636 | 805 | 6   | 1447 | LOW | 757 |
| NE58 | 8.03  | 0.38 | 0.69 | 424 | 283 | 735 | 1442 | LOW | 758 |
| RU61 | 10.33 | 0.47 | 0.47 | 601 | 457 | 384 | 1442 | LOW | 759 |
| RU25 | 7.31  | 0.39 | 0.73 | 355 | 295 | 790 | 1440 | LOW | 760 |
| JM40 | 7.90  | 0.52 | 0.50 | 414 | 559 | 465 | 1438 | LOW | 761 |
| RU05 | 6.83  | 0.48 | 0.63 | 314 | 475 | 649 | 1438 | LOW | 762 |
| JM59 | 9.04  | 0.54 | 0.45 | 508 | 586 | 343 | 1437 | LOW | 763 |
| TC14 | 6.60  | 0.43 | 0.71 | 300 | 372 | 764 | 1436 | LOW | 764 |
| RD55 | 9.34  | 0.51 | 0.45 | 532 | 537 | 362 | 1431 | LOW | 765 |
| PS70 | 7.47  | 0.52 | 0.53 | 372 | 551 | 502 | 1425 | LOW | 766 |
| PL22 | 9.85  | 0.54 | 0.40 | 567 | 578 | 279 | 1424 | LOW | 767 |
| PL18 | 13.56 | 0.54 | 0.23 | 795 | 587 | 39  | 1421 | LOW | 768 |

|      |       |      |      |     |     |      |      |     |     |
|------|-------|------|------|-----|-----|------|------|-----|-----|
| RA33 | 6.85  | 0.35 | 0.85 | 316 | 200 | 903  | 1419 | LOW | 769 |
| TH40 | 5.05  | 0.37 | 1.14 | 105 | 244 | 1069 | 1418 | LOW | 770 |
| TH36 | 5.11  | 0.37 | 1.10 | 117 | 242 | 1057 | 1416 | LOW | 771 |
| RL22 | 7.88  | 0.44 | 0.58 | 412 | 410 | 590  | 1412 | LOW | 772 |
| NE18 | 6.92  | 0.50 | 0.57 | 325 | 518 | 566  | 1409 | LOW | 773 |
| NE25 | 8.61  | 0.44 | 0.54 | 477 | 404 | 525  | 1406 | LOW | 774 |
| JM19 | 8.17  | 0.64 | 0.38 | 440 | 720 | 241  | 1401 | LOW | 775 |
| JU11 | 8.78  | 0.63 | 0.35 | 495 | 710 | 196  | 1401 | LOW | 776 |
| RD22 | 7.62  | 0.41 | 0.64 | 390 | 345 | 666  | 1401 | LOW | 777 |
| BS21 | 5.47  | 0.38 | 0.97 | 151 | 279 | 970  | 1400 | LOW | 778 |
| RU62 | 9.78  | 0.55 | 0.39 | 561 | 590 | 248  | 1399 | LOW | 779 |
| PS78 | 7.69  | 0.49 | 0.52 | 396 | 499 | 497  | 1392 | LOW | 780 |
| JM14 | 6.73  | 0.44 | 0.64 | 307 | 418 | 661  | 1386 | LOW | 781 |
| RL04 | 7.81  | 0.33 | 0.78 | 410 | 140 | 835  | 1385 | LOW | 782 |
| JU10 | 7.63  | 0.53 | 0.49 | 391 | 567 | 423  | 1381 | LOW | 783 |
| TC11 | 6.05  | 0.40 | 0.77 | 234 | 312 | 829  | 1375 | LOW | 784 |
| BS20 | 5.57  | 0.40 | 0.85 | 163 | 307 | 898  | 1368 | LOW | 785 |
| JM16 | 8.29  | 0.56 | 0.42 | 447 | 616 | 302  | 1365 | LOW | 786 |
| BS23 | 5.80  | 0.41 | 0.77 | 193 | 341 | 828  | 1362 | LOW | 787 |
| PL44 | 11.27 | 0.51 | 0.32 | 689 | 539 | 134  | 1362 | LOW | 788 |
| JR15 | 6.68  | 0.47 | 0.58 | 305 | 466 | 578  | 1349 | LOW | 789 |
| RD52 | 8.78  | 0.48 | 0.45 | 496 | 488 | 361  | 1345 | LOW | 790 |
| CU08 | 9.79  | 0.39 | 0.51 | 562 | 297 | 484  | 1343 | LOW | 791 |
| TC28 | 7.80  | 0.44 | 0.53 | 409 | 419 | 513  | 1341 | LOW | 792 |
| TH27 | 5.67  | 0.36 | 0.90 | 174 | 225 | 939  | 1338 | LOW | 793 |
| RU65 | 8.61  | 0.52 | 0.43 | 475 | 543 | 319  | 1337 | LOW | 794 |
| PL20 | 11.30 | 0.46 | 0.35 | 691 | 447 | 197  | 1335 | LOW | 795 |
| RU77 | 8.09  | 0.52 | 0.44 | 435 | 558 | 334  | 1327 | LOW | 796 |
| YO03 | 7.85  | 0.46 | 0.51 | 411 | 442 | 472  | 1325 | LOW | 797 |

|      |       |      |      |     |     |     |      |     |     |
|------|-------|------|------|-----|-----|-----|------|-----|-----|
| CU05 | 9.08  | 0.47 | 0.45 | 512 | 459 | 348 | 1319 | LOW | 798 |
| JA15 | 8.57  | 0.43 | 0.51 | 474 | 370 | 475 | 1319 | LOW | 799 |
| PL07 | 9.43  | 0.35 | 0.58 | 543 | 184 | 591 | 1318 | LOW | 800 |
| BS01 | 5.07  | 0.38 | 0.87 | 111 | 281 | 923 | 1315 | LOW | 801 |
| JA22 | 7.18  | 0.44 | 0.57 | 345 | 400 | 569 | 1314 | LOW | 802 |
| PS45 | 6.97  | 0.49 | 0.51 | 328 | 508 | 477 | 1313 | LOW | 803 |
| RL06 | 7.55  | 0.31 | 0.77 | 383 | 97  | 833 | 1313 | LOW | 804 |
| JM52 | 8.08  | 0.58 | 0.38 | 432 | 632 | 243 | 1307 | LOW | 805 |
| PL21 | 11.69 | 0.48 | 0.30 | 715 | 474 | 115 | 1304 | LOW | 806 |
| PU22 | 8.95  | 0.44 | 0.47 | 504 | 413 | 386 | 1303 | LOW | 807 |
| JU58 | 6.09  | 0.45 | 0.61 | 240 | 438 | 620 | 1298 | LOW | 808 |
| NE08 | 6.33  | 0.44 | 0.61 | 263 | 408 | 622 | 1293 | LOW | 809 |
| PU18 | 10.53 | 0.43 | 0.42 | 619 | 374 | 298 | 1291 | LOW | 810 |
| RU04 | 6.61  | 0.42 | 0.61 | 301 | 363 | 624 | 1288 | LOW | 811 |
| RU64 | 9.16  | 0.46 | 0.43 | 520 | 453 | 313 | 1286 | LOW | 812 |
| PL48 | 8.56  | 0.42 | 0.49 | 472 | 367 | 443 | 1282 | LOW | 813 |
| NE21 | 6.81  | 0.43 | 0.57 | 311 | 397 | 570 | 1278 | LOW | 814 |
| PU14 | 7.80  | 0.43 | 0.52 | 407 | 379 | 491 | 1277 | LOW | 815 |
| RA04 | 8.07  | 0.44 | 0.49 | 431 | 409 | 433 | 1273 | LOW | 816 |
| JA04 | 7.73  | 0.47 | 0.48 | 401 | 463 | 405 | 1269 | LOW | 817 |
| RD62 | 7.71  | 0.40 | 0.54 | 399 | 328 | 535 | 1262 | LOW | 818 |
| PL05 | 9.40  | 0.40 | 0.48 | 537 | 318 | 403 | 1258 | LOW | 819 |
| TC10 | 5.64  | 0.36 | 0.81 | 173 | 224 | 859 | 1256 | LOW | 820 |
| NE85 | 6.98  | 0.50 | 0.48 | 329 | 510 | 414 | 1253 | LOW | 821 |
| YA03 | 6.45  | 0.36 | 0.69 | 281 | 236 | 736 | 1253 | LOW | 822 |
| JU38 | 7.17  | 0.62 | 0.36 | 344 | 697 | 207 | 1248 | LOW | 823 |
| PU11 | 8.14  | 0.46 | 0.45 | 437 | 454 | 356 | 1247 | LOW | 824 |
| NE56 | 8.73  | 0.36 | 0.54 | 490 | 233 | 523 | 1246 | LOW | 825 |
| NE54 | 7.45  | 0.42 | 0.53 | 368 | 368 | 509 | 1245 | LOW | 826 |

|      |       |      |      |     |     |      |      |     |     |
|------|-------|------|------|-----|-----|------|------|-----|-----|
| BS33 | 5.96  | 0.41 | 0.65 | 222 | 346 | 675  | 1243 | LOW | 827 |
| JM18 | 7.52  | 0.55 | 0.39 | 381 | 606 | 255  | 1242 | LOW | 828 |
| RD41 | 8.64  | 0.36 | 0.56 | 479 | 210 | 547  | 1236 | LOW | 829 |
| RU34 | 7.99  | 0.44 | 0.47 | 421 | 424 | 391  | 1236 | LOW | 830 |
| JR12 | 7.67  | 0.53 | 0.40 | 394 | 564 | 277  | 1235 | LOW | 831 |
| JM31 | 6.95  | 0.51 | 0.46 | 326 | 535 | 370  | 1231 | LOW | 832 |
| TH29 | 5.74  | 0.34 | 0.83 | 183 | 167 | 881  | 1231 | LOW | 833 |
| PL30 | 9.24  | 0.55 | 0.28 | 527 | 605 | 98   | 1230 | LOW | 834 |
| RU11 | 6.86  | 0.45 | 0.51 | 317 | 437 | 474  | 1228 | LOW | 835 |
| JU65 | 8.02  | 0.50 | 0.41 | 423 | 515 | 286  | 1224 | LOW | 836 |
| PL26 | 10.00 | 0.57 | 0.19 | 579 | 620 | 25   | 1224 | LOW | 837 |
| TC18 | 6.78  | 0.46 | 0.51 | 310 | 441 | 471  | 1222 | LOW | 838 |
| TH15 | 9.41  | 0.35 | 0.52 | 538 | 195 | 488  | 1221 | LOW | 839 |
| RD50 | 8.45  | 0.47 | 0.42 | 463 | 460 | 297  | 1220 | LOW | 840 |
| CM10 | 8.84  | 0.46 | 0.40 | 500 | 446 | 273  | 1219 | LOW | 841 |
| JM43 | 7.09  | 0.41 | 0.56 | 338 | 335 | 544  | 1217 | LOW | 842 |
| PS87 | 14.50 | 0.34 | 0.35 | 836 | 179 | 202  | 1217 | LOW | 843 |
| CU01 | 7.89  | 0.53 | 0.38 | 413 | 568 | 235  | 1216 | LOW | 844 |
| JU75 | 7.03  | 0.52 | 0.44 | 332 | 554 | 323  | 1209 | LOW | 845 |
| JM39 | 6.16  | 0.34 | 0.73 | 248 | 174 | 784  | 1206 | LOW | 846 |
| RU26 | 6.54  | 0.38 | 0.62 | 295 | 269 | 642  | 1206 | LOW | 847 |
| JU77 | 4.96  | 0.27 | 1.16 | 89  | 40  | 1074 | 1203 | LOW | 848 |
| RD21 | 6.76  | 0.39 | 0.58 | 308 | 303 | 592  | 1203 | LOW | 849 |
| NE69 | 5.99  | 0.34 | 0.75 | 227 | 156 | 815  | 1198 | LOW | 850 |
| JU64 | 5.95  | 0.26 | 0.91 | 219 | 34  | 944  | 1197 | LOW | 851 |
| CM02 | 7.51  | 0.47 | 0.45 | 379 | 465 | 350  | 1194 | LOW | 852 |
| PS29 | 8.49  | 0.63 | 0.16 | 466 | 708 | 16   | 1190 | LOW | 853 |
| JA07 | 8.31  | 0.48 | 0.39 | 450 | 483 | 252  | 1185 | LOW | 854 |
| YO01 | 7.93  | 0.49 | 0.40 | 416 | 503 | 266  | 1185 | LOW | 855 |

|      |      |      |      |     |     |     |      |     |     |
|------|------|------|------|-----|-----|-----|------|-----|-----|
| RD25 | 6.96 | 0.34 | 0.67 | 327 | 163 | 693 | 1183 | LOW | 856 |
| JR02 | 6.40 | 0.31 | 0.75 | 273 | 101 | 808 | 1182 | LOW | 857 |
| JU13 | 8.30 | 0.61 | 0.25 | 449 | 681 | 52  | 1182 | LOW | 858 |
| CU02 | 7.49 | 0.33 | 0.63 | 374 | 150 | 653 | 1177 | LOW | 859 |
| NE53 | 6.67 | 0.43 | 0.52 | 304 | 375 | 494 | 1173 | LOW | 860 |
| BS24 | 5.79 | 0.40 | 0.63 | 190 | 324 | 656 | 1170 | LOW | 861 |
| RL03 | 7.56 | 0.35 | 0.58 | 385 | 203 | 582 | 1170 | LOW | 862 |
| JU55 | 6.00 | 0.44 | 0.55 | 228 | 403 | 536 | 1167 | LOW | 863 |
| JM10 | 7.97 | 0.34 | 0.57 | 420 | 183 | 563 | 1166 | LOW | 864 |
| JA30 | 8.51 | 0.50 | 0.34 | 467 | 516 | 178 | 1161 | LOW | 865 |
| NE10 | 5.94 | 0.41 | 0.59 | 217 | 343 | 600 | 1160 | LOW | 866 |
| TH09 | 6.12 | 0.30 | 0.78 | 246 | 75  | 839 | 1160 | LOW | 867 |
| RU63 | 8.79 | 0.45 | 0.37 | 497 | 431 | 226 | 1154 | LOW | 868 |
| JU74 | 7.44 | 0.36 | 0.56 | 366 | 228 | 557 | 1151 | LOW | 869 |
| NE15 | 5.79 | 0.39 | 0.64 | 192 | 288 | 671 | 1151 | LOW | 870 |
| NE31 | 8.45 | 0.44 | 0.40 | 462 | 414 | 274 | 1150 | LOW | 871 |
| JR08 | 6.45 | 0.37 | 0.60 | 285 | 239 | 617 | 1141 | LOW | 872 |
| RD39 | 6.66 | 0.28 | 0.73 | 303 | 53  | 782 | 1138 | LOW | 873 |
| TH35 | 5.08 | 0.38 | 0.70 | 112 | 266 | 759 | 1137 | LOW | 874 |
| JM51 | 7.08 | 0.37 | 0.54 | 337 | 261 | 528 | 1126 | LOW | 875 |
| YA01 | 6.88 | 0.36 | 0.57 | 323 | 230 | 573 | 1126 | LOW | 876 |
| PS12 | 7.31 | 0.34 | 0.60 | 356 | 161 | 607 | 1124 | LOW | 877 |
| JU48 | 6.35 | 0.36 | 0.62 | 269 | 216 | 638 | 1123 | LOW | 878 |
| RD03 | 6.35 | 0.36 | 0.60 | 267 | 237 | 618 | 1122 | LOW | 879 |
| JR17 | 7.12 | 0.36 | 0.56 | 340 | 226 | 551 | 1117 | LOW | 880 |
| NE13 | 5.68 | 0.36 | 0.68 | 178 | 229 | 708 | 1115 | LOW | 881 |
| JR18 | 7.56 | 0.40 | 0.48 | 384 | 311 | 419 | 1114 | LOW | 882 |
| PL46 | 7.95 | 0.49 | 0.35 | 418 | 500 | 195 | 1113 | LOW | 883 |
| TH22 | 7.55 | 0.23 | 0.68 | 382 | 16  | 707 | 1105 | LOW | 884 |

|      |      |      |      |     |     |     |      |     |     |
|------|------|------|------|-----|-----|-----|------|-----|-----|
| NE82 | 6.41 | 0.41 | 0.52 | 275 | 339 | 489 | 1103 | LOW | 885 |
| JU82 | 5.49 | 0.40 | 0.61 | 155 | 314 | 633 | 1102 | LOW | 886 |
| JM22 | 6.56 | 0.44 | 0.47 | 297 | 416 | 388 | 1101 | LOW | 887 |
| RA25 | 6.45 | 0.35 | 0.61 | 282 | 198 | 621 | 1101 | LOW | 888 |
| RA01 | 6.78 | 0.47 | 0.43 | 309 | 469 | 321 | 1099 | LOW | 889 |
| BS17 | 5.29 | 0.37 | 0.68 | 133 | 247 | 712 | 1092 | LOW | 890 |
| JU19 | 7.68 | 0.55 | 0.28 | 395 | 603 | 89  | 1087 | LOW | 891 |
| RD16 | 6.08 | 0.31 | 0.70 | 239 | 98  | 745 | 1082 | LOW | 892 |
| TH11 | 5.68 | 0.40 | 0.59 | 175 | 310 | 597 | 1082 | LOW | 893 |
| NE34 | 6.34 | 0.40 | 0.53 | 265 | 304 | 511 | 1080 | LOW | 894 |
| PL56 | 8.81 | 0.43 | 0.35 | 498 | 383 | 192 | 1073 | LOW | 895 |
| PL43 | 9.42 | 0.41 | 0.34 | 541 | 347 | 182 | 1070 | LOW | 896 |
| RU13 | 7.31 | 0.36 | 0.53 | 357 | 206 | 507 | 1070 | LOW | 897 |
| TH19 | 8.35 | 0.28 | 0.57 | 455 | 49  | 560 | 1064 | LOW | 898 |
| TC13 | 7.14 | 0.42 | 0.45 | 342 | 357 | 364 | 1063 | LOW | 899 |
| RL09 | 7.50 | 0.33 | 0.55 | 377 | 144 | 541 | 1062 | LOW | 900 |
| JU69 | 8.52 | 0.40 | 0.40 | 469 | 327 | 265 | 1061 | LOW | 901 |
| BS22 | 5.91 | 0.42 | 0.52 | 213 | 351 | 496 | 1060 | LOW | 902 |
| JR11 | 6.34 | 0.44 | 0.47 | 264 | 411 | 385 | 1060 | LOW | 903 |
| YA05 | 5.90 | 0.38 | 0.57 | 211 | 275 | 572 | 1058 | LOW | 904 |
| PL49 | 8.75 | 0.37 | 0.43 | 493 | 253 | 311 | 1057 | LOW | 905 |
| RD38 | 8.05 | 0.38 | 0.45 | 428 | 286 | 342 | 1056 | LOW | 906 |
| NE06 | 6.15 | 0.42 | 0.50 | 247 | 362 | 446 | 1055 | LOW | 907 |
| RD24 | 7.49 | 0.37 | 0.48 | 375 | 262 | 417 | 1054 | LOW | 908 |
| BS26 | 6.02 | 0.38 | 0.55 | 230 | 277 | 542 | 1049 | LOW | 909 |
| RD56 | 7.93 | 0.46 | 0.35 | 415 | 440 | 193 | 1048 | LOW | 910 |
| RU53 | 7.96 | 0.37 | 0.46 | 419 | 256 | 372 | 1047 | LOW | 911 |
| CU13 | 7.70 | 0.43 | 0.39 | 397 | 395 | 251 | 1043 | LOW | 912 |
| JU57 | 5.33 | 0.25 | 0.83 | 137 | 27  | 875 | 1039 | LOW | 913 |

|      |      |      |      |     |     |     |      |     |     |
|------|------|------|------|-----|-----|-----|------|-----|-----|
| NE09 | 6.25 | 0.43 | 0.47 | 256 | 385 | 398 | 1039 | LOW | 914 |
| JU53 | 6.03 | 0.44 | 0.47 | 232 | 420 | 382 | 1034 | LOW | 915 |
| NE19 | 5.94 | 0.40 | 0.52 | 216 | 313 | 498 | 1027 | LOW | 916 |
| JM28 | 5.61 | 0.38 | 0.59 | 167 | 264 | 595 | 1026 | LOW | 917 |
| RA32 | 5.76 | 0.28 | 0.73 | 186 | 54  | 786 | 1026 | LOW | 918 |
| JA39 | 8.29 | 0.38 | 0.42 | 448 | 273 | 304 | 1025 | LOW | 919 |
| JU67 | 6.87 | 0.56 | 0.28 | 320 | 610 | 93  | 1023 | LOW | 920 |
| TH38 | 4.67 | 0.32 | 0.80 | 47  | 121 | 855 | 1023 | LOW | 921 |
| RD35 | 7.46 | 0.43 | 0.40 | 371 | 380 | 270 | 1021 | LOW | 922 |
| RD72 | 8.22 | 0.42 | 0.37 | 441 | 356 | 224 | 1021 | LOW | 923 |
| TC29 | 9.25 | 0.36 | 0.40 | 529 | 217 | 275 | 1021 | LOW | 924 |
| JM57 | 6.86 | 0.49 | 0.36 | 318 | 497 | 203 | 1018 | LOW | 925 |
| PL10 | 8.26 | 0.39 | 0.41 | 443 | 291 | 282 | 1016 | LOW | 926 |
| PS48 | 5.22 | 0.34 | 0.69 | 127 | 159 | 729 | 1015 | LOW | 927 |
| RU55 | 7.43 | 0.44 | 0.38 | 365 | 407 | 242 | 1014 | LOW | 928 |
| BS35 | 5.48 | 0.38 | 0.57 | 153 | 284 | 575 | 1012 | LOW | 929 |
| NE24 | 6.20 | 0.35 | 0.57 | 251 | 199 | 561 | 1011 | LOW | 930 |
| NE12 | 6.28 | 0.43 | 0.46 | 258 | 376 | 374 | 1008 | LOW | 931 |
| NE04 | 5.35 | 0.36 | 0.61 | 142 | 235 | 629 | 1006 | LOW | 932 |
| PU15 | 6.84 | 0.33 | 0.56 | 315 | 133 | 558 | 1006 | LOW | 933 |
| BS02 | 5.02 | 0.25 | 0.83 | 100 | 24  | 877 | 1001 | LOW | 934 |
| NE35 | 5.68 | 0.37 | 0.57 | 177 | 250 | 574 | 1001 | LOW | 935 |
| TC08 | 6.99 | 0.38 | 0.48 | 330 | 268 | 401 | 999  | LOW | 936 |
| RU56 | 7.11 | 0.41 | 0.43 | 339 | 342 | 317 | 998  | LOW | 937 |
| RU27 | 6.42 | 0.33 | 0.58 | 278 | 139 | 580 | 997  | LOW | 938 |
| JR01 | 6.33 | 0.33 | 0.59 | 262 | 134 | 599 | 995  | LOW | 939 |
| BS13 | 4.66 | 0.32 | 0.77 | 44  | 122 | 826 | 992  | LOW | 940 |
| BS18 | 4.68 | 0.33 | 0.74 | 50  | 137 | 803 | 990  | LOW | 941 |
| NE47 | 7.05 | 0.39 | 0.45 | 334 | 300 | 355 | 989  | LOW | 942 |

|      |      |      |      |     |     |     |     |     |     |
|------|------|------|------|-----|-----|-----|-----|-----|-----|
| PL11 | 9.74 | 0.35 | 0.38 | 554 | 193 | 240 | 987 | LOW | 943 |
| JM27 | 5.80 | 0.38 | 0.53 | 194 | 274 | 518 | 986 | LOW | 944 |
| RU07 | 6.83 | 0.40 | 0.45 | 312 | 317 | 357 | 986 | LOW | 945 |
| RD11 | 6.47 | 0.37 | 0.49 | 287 | 260 | 438 | 985 | LOW | 946 |
| JR05 | 5.85 | 0.30 | 0.68 | 202 | 73  | 709 | 984 | LOW | 947 |
| RU58 | 7.50 | 0.42 | 0.38 | 378 | 366 | 237 | 981 | LOW | 948 |
| NE43 | 6.47 | 0.43 | 0.42 | 288 | 390 | 300 | 978 | LOW | 949 |
| BS11 | 4.67 | 0.32 | 0.76 | 46  | 109 | 820 | 975 | LOW | 950 |
| JM08 | 6.11 | 0.40 | 0.48 | 244 | 315 | 412 | 971 | LOW | 951 |
| TH43 | 5.38 | 0.34 | 0.62 | 145 | 181 | 641 | 967 | LOW | 952 |
| BS08 | 4.81 | 0.34 | 0.69 | 63  | 166 | 737 | 966 | LOW | 953 |
| PL54 | 6.34 | 0.30 | 0.61 | 266 | 81  | 619 | 966 | LOW | 954 |
| CU16 | 7.12 | 0.40 | 0.43 | 341 | 309 | 314 | 964 | LOW | 955 |
| PS73 | 5.95 | 0.38 | 0.50 | 220 | 285 | 459 | 964 | LOW | 956 |
| RD04 | 5.77 | 0.40 | 0.50 | 188 | 322 | 452 | 962 | LOW | 957 |
| PL09 | 8.06 | 0.29 | 0.51 | 429 | 63  | 469 | 961 | LOW | 958 |
| JA06 | 7.73 | 0.42 | 0.35 | 402 | 359 | 194 | 955 | LOW | 959 |
| RU68 | 7.58 | 0.37 | 0.42 | 386 | 257 | 308 | 951 | LOW | 960 |
| RU06 | 6.49 | 0.43 | 0.40 | 291 | 388 | 267 | 946 | LOW | 961 |
| PS47 | 6.05 | 0.37 | 0.50 | 233 | 249 | 462 | 944 | LOW | 962 |
| BS16 | 4.74 | 0.32 | 0.70 | 57  | 124 | 752 | 933 | LOW | 963 |
| RD20 | 5.97 | 0.39 | 0.48 | 226 | 296 | 411 | 933 | LOW | 964 |
| JM11 | 6.42 | 0.36 | 0.49 | 277 | 218 | 436 | 931 | LOW | 965 |
| NE07 | 5.47 | 0.38 | 0.53 | 152 | 265 | 514 | 931 | LOW | 966 |
| RU01 | 5.25 | 0.27 | 0.70 | 130 | 45  | 756 | 931 | LOW | 967 |
| NE55 | 6.05 | 0.35 | 0.52 | 235 | 202 | 493 | 930 | LOW | 968 |
| JM06 | 5.38 | 0.37 | 0.54 | 146 | 246 | 534 | 926 | LOW | 969 |
| TH06 | 5.14 | 0.32 | 0.66 | 121 | 116 | 689 | 926 | LOW | 970 |
| JM30 | 5.64 | 0.31 | 0.63 | 172 | 91  | 658 | 921 | LOW | 971 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| RD77 | 6.87 | 0.32 | 0.51 | 321 | 112 | 486 | 919 | LOW | 972  |
| RU42 | 6.51 | 0.34 | 0.50 | 292 | 172 | 455 | 919 | LOW | 973  |
| JU71 | 5.49 | 0.47 | 0.42 | 154 | 458 | 305 | 917 | LOW | 974  |
| RD40 | 7.65 | 0.28 | 0.51 | 392 | 56  | 468 | 916 | LOW | 975  |
| NE46 | 7.45 | 0.44 | 0.31 | 369 | 423 | 122 | 914 | LOW | 976  |
| RD60 | 7.19 | 0.43 | 0.33 | 347 | 399 | 168 | 914 | LOW | 977  |
| NE60 | 6.37 | 0.40 | 0.44 | 270 | 319 | 324 | 913 | LOW | 978  |
| TH25 | 5.37 | 0.41 | 0.49 | 143 | 337 | 432 | 912 | LOW | 979  |
| JU81 | 5.83 | 0.45 | 0.40 | 197 | 426 | 278 | 901 | LOW | 980  |
| NE61 | 8.04 | 0.34 | 0.42 | 425 | 165 | 306 | 896 | LOW | 981  |
| NE32 | 8.41 | 0.35 | 0.39 | 458 | 186 | 250 | 894 | LOW | 982  |
| NE33 | 6.45 | 0.36 | 0.48 | 283 | 208 | 402 | 893 | LOW | 983  |
| JU79 | 5.77 | 0.50 | 0.34 | 187 | 517 | 188 | 892 | LOW | 984  |
| JA10 | 7.45 | 0.39 | 0.37 | 367 | 301 | 223 | 891 | LOW | 985  |
| RU15 | 6.83 | 0.43 | 0.34 | 313 | 391 | 185 | 889 | LOW | 986  |
| JU61 | 8.46 | 0.40 | 0.29 | 465 | 316 | 104 | 885 | LOW | 987  |
| RD59 | 7.33 | 0.42 | 0.33 | 359 | 361 | 163 | 883 | LOW | 988  |
| PS72 | 6.20 | 0.39 | 0.44 | 252 | 287 | 339 | 878 | LOW | 989  |
| PS46 | 5.54 | 0.40 | 0.47 | 159 | 321 | 397 | 877 | LOW | 990  |
| NE02 | 5.03 | 0.38 | 0.53 | 102 | 270 | 503 | 875 | LOW | 991  |
| NE44 | 6.29 | 0.41 | 0.40 | 260 | 348 | 261 | 869 | LOW | 992  |
| RA05 | 6.43 | 0.35 | 0.47 | 279 | 192 | 396 | 867 | LOW | 993  |
| JA08 | 7.70 | 0.37 | 0.36 | 398 | 259 | 209 | 866 | LOW | 994  |
| TC21 | 6.88 | 0.43 | 0.33 | 322 | 384 | 159 | 865 | LOW | 995  |
| RU46 | 6.45 | 0.36 | 0.45 | 284 | 220 | 359 | 863 | LOW | 996  |
| BS31 | 5.82 | 0.40 | 0.45 | 196 | 306 | 360 | 862 | LOW | 997  |
| TC02 | 4.98 | 0.25 | 0.70 | 93  | 25  | 744 | 862 | LOW | 998  |
| CM07 | 6.40 | 0.45 | 0.33 | 274 | 428 | 157 | 859 | LOW | 999  |
| TC09 | 4.79 | 0.31 | 0.68 | 61  | 86  | 710 | 857 | LOW | 1000 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| RA08 | 5.84 | 0.31 | 0.57 | 200 | 95  | 559 | 854 | LOW | 1001 |
| TH42 | 4.91 | 0.32 | 0.63 | 82  | 120 | 652 | 854 | LOW | 1002 |
| RU14 | 7.76 | 0.42 | 0.28 | 404 | 352 | 95  | 851 | LOW | 1003 |
| JM38 | 5.72 | 0.44 | 0.40 | 182 | 405 | 262 | 849 | LOW | 1004 |
| JM46 | 5.85 | 0.33 | 0.52 | 203 | 138 | 499 | 840 | LOW | 1005 |
| NE41 | 6.19 | 0.41 | 0.39 | 250 | 332 | 256 | 838 | LOW | 1006 |
| RU60 | 7.32 | 0.40 | 0.32 | 358 | 330 | 148 | 836 | LOW | 1007 |
| TC05 | 5.26 | 0.34 | 0.56 | 132 | 158 | 546 | 836 | LOW | 1008 |
| PL23 | 6.35 | 0.41 | 0.38 | 268 | 331 | 234 | 833 | LOW | 1009 |
| JR03 | 5.59 | 0.43 | 0.41 | 164 | 378 | 288 | 830 | LOW | 1010 |
| NE45 | 6.42 | 0.40 | 0.37 | 276 | 320 | 232 | 828 | LOW | 1011 |
| RD37 | 6.59 | 0.38 | 0.39 | 298 | 276 | 253 | 827 | LOW | 1012 |
| JM21 | 5.45 | 0.24 | 0.63 | 150 | 21  | 654 | 825 | LOW | 1013 |
| NE87 | 4.67 | 0.23 | 0.71 | 49  | 11  | 765 | 825 | LOW | 1014 |
| PL58 | 6.60 | 0.31 | 0.49 | 299 | 93  | 431 | 823 | LOW | 1015 |
| TH30 | 4.43 | 0.30 | 0.68 | 31  | 78  | 714 | 823 | LOW | 1016 |
| TC12 | 5.68 | 0.39 | 0.45 | 176 | 293 | 349 | 818 | LOW | 1017 |
| JR09 | 6.11 | 0.47 | 0.29 | 243 | 467 | 107 | 817 | LOW | 1018 |
| TC01 | 5.90 | 0.31 | 0.53 | 212 | 85  | 519 | 816 | LOW | 1019 |
| NE50 | 5.86 | 0.38 | 0.44 | 204 | 278 | 332 | 814 | LOW | 1020 |
| JR10 | 6.39 | 0.43 | 0.32 | 271 | 393 | 149 | 813 | LOW | 1021 |
| JR07 | 5.63 | 0.26 | 0.59 | 171 | 33  | 602 | 806 | LOW | 1022 |
| NE03 | 5.37 | 0.36 | 0.49 | 144 | 212 | 444 | 800 | LOW | 1023 |
| NE17 | 5.90 | 0.39 | 0.41 | 210 | 299 | 289 | 798 | LOW | 1024 |
| NE20 | 6.39 | 0.35 | 0.43 | 272 | 205 | 315 | 792 | LOW | 1025 |
| JM04 | 4.91 | 0.23 | 0.67 | 81  | 12  | 698 | 791 | LOW | 1026 |
| RD05 | 5.96 | 0.28 | 0.53 | 223 | 60  | 505 | 788 | LOW | 1027 |
| NE51 | 5.81 | 0.36 | 0.46 | 195 | 215 | 375 | 785 | LOW | 1028 |
| NE36 | 5.69 | 0.37 | 0.45 | 179 | 258 | 347 | 784 | LOW | 1029 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| NE37 | 4.97 | 0.32 | 0.57 | 91  | 118 | 565 | 774 | LOW | 1030 |
| JM09 | 5.87 | 0.42 | 0.36 | 206 | 349 | 214 | 769 | LOW | 1031 |
| NE40 | 6.01 | 0.38 | 0.40 | 229 | 271 | 268 | 768 | LOW | 1032 |
| BS09 | 4.85 | 0.32 | 0.58 | 69  | 119 | 579 | 767 | LOW | 1033 |
| JU17 | 5.79 | 0.43 | 0.34 | 191 | 392 | 184 | 767 | LOW | 1034 |
| NE49 | 6.06 | 0.39 | 0.38 | 236 | 292 | 239 | 767 | LOW | 1035 |
| PL06 | 5.89 | 0.26 | 0.54 | 207 | 31  | 524 | 762 | LOW | 1036 |
| TH10 | 5.31 | 0.35 | 0.49 | 135 | 187 | 440 | 762 | LOW | 1037 |
| RD13 | 5.02 | 0.33 | 0.53 | 98  | 149 | 508 | 755 | LOW | 1038 |
| JM05 | 4.81 | 0.22 | 0.65 | 64  | 8   | 679 | 751 | LOW | 1039 |
| JA43 | 7.01 | 0.41 | 0.27 | 331 | 336 | 77  | 744 | LOW | 1040 |
| RU44 | 6.07 | 0.36 | 0.41 | 237 | 213 | 291 | 741 | LOW | 1041 |
| JR06 | 5.33 | 0.31 | 0.53 | 136 | 87  | 517 | 740 | LOW | 1042 |
| JU42 | 5.29 | 0.34 | 0.49 | 134 | 178 | 424 | 736 | LOW | 1043 |
| PU08 | 5.96 | 0.39 | 0.36 | 224 | 298 | 211 | 733 | LOW | 1044 |
| JM07 | 5.50 | 0.36 | 0.44 | 156 | 234 | 340 | 730 | LOW | 1045 |
| NE16 | 5.21 | 0.33 | 0.50 | 125 | 145 | 460 | 730 | LOW | 1046 |
| NE14 | 5.08 | 0.33 | 0.50 | 113 | 152 | 461 | 726 | LOW | 1047 |
| JM29 | 5.18 | 0.35 | 0.48 | 123 | 196 | 406 | 725 | LOW | 1048 |
| RD06 | 6.09 | 0.30 | 0.48 | 242 | 71  | 409 | 722 | LOW | 1049 |
| CU10 | 8.15 | 0.31 | 0.34 | 438 | 104 | 176 | 718 | LOW | 1050 |
| RA24 | 5.41 | 0.32 | 0.50 | 147 | 106 | 463 | 716 | LOW | 1051 |
| YA07 | 5.52 | 0.37 | 0.42 | 157 | 254 | 301 | 712 | LOW | 1052 |
| NE01 | 4.77 | 0.35 | 0.50 | 59  | 201 | 448 | 708 | LOW | 1053 |
| TH18 | 7.42 | 0.25 | 0.43 | 364 | 23  | 320 | 707 | LOW | 1054 |
| RL15 | 5.94 | 0.27 | 0.50 | 218 | 41  | 445 | 704 | LOW | 1055 |
| TH12 | 6.56 | 0.39 | 0.30 | 296 | 289 | 119 | 704 | LOW | 1056 |
| RD01 | 5.54 | 0.32 | 0.49 | 160 | 123 | 420 | 703 | LOW | 1057 |
| JM86 | 8.68 | 0.36 | 0.15 | 483 | 207 | 10  | 700 | LOW | 1058 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| RU08 | 6.25 | 0.34 | 0.40 | 255 | 169 | 276 | 700 | LOW | 1059 |
| RU16 | 4.94 | 0.28 | 0.56 | 88  | 57  | 554 | 699 | LOW | 1060 |
| RU51 | 6.23 | 0.36 | 0.37 | 253 | 227 | 218 | 698 | LOW | 1061 |
| BS10 | 4.48 | 0.31 | 0.57 | 34  | 92  | 571 | 697 | LOW | 1062 |
| RU48 | 5.92 | 0.35 | 0.41 | 214 | 191 | 292 | 697 | LOW | 1063 |
| TH26 | 5.03 | 0.34 | 0.49 | 101 | 154 | 442 | 697 | LOW | 1064 |
| TC03 | 4.69 | 0.33 | 0.53 | 52  | 135 | 501 | 688 | LOW | 1065 |
| BS12 | 4.61 | 0.32 | 0.54 | 40  | 114 | 532 | 686 | LOW | 1066 |
| JM37 | 5.86 | 0.46 | 0.22 | 205 | 444 | 37  | 686 | LOW | 1067 |
| PU12 | 6.49 | 0.35 | 0.36 | 290 | 189 | 206 | 685 | LOW | 1068 |
| RA31 | 6.09 | 0.29 | 0.46 | 241 | 66  | 377 | 684 | LOW | 1069 |
| RU54 | 6.44 | 0.37 | 0.32 | 280 | 248 | 147 | 675 | LOW | 1070 |
| RU10 | 5.96 | 0.40 | 0.31 | 221 | 325 | 128 | 674 | LOW | 1071 |
| RD66 | 6.23 | 0.32 | 0.41 | 254 | 126 | 283 | 663 | LOW | 1072 |
| TH14 | 7.77 | 0.30 | 0.35 | 405 | 67  | 191 | 663 | LOW | 1073 |
| PU10 | 6.08 | 0.32 | 0.43 | 238 | 105 | 318 | 661 | LOW | 1074 |
| TH01 | 5.06 | 0.34 | 0.46 | 108 | 175 | 373 | 656 | LOW | 1075 |
| PL52 | 6.47 | 0.33 | 0.37 | 289 | 136 | 230 | 655 | LOW | 1076 |
| RD26 | 5.55 | 0.26 | 0.50 | 162 | 35  | 457 | 654 | LOW | 1077 |
| JU39 | 5.00 | 0.44 | 0.32 | 95  | 422 | 135 | 652 | LOW | 1078 |
| TH32 | 4.83 | 0.34 | 0.49 | 67  | 157 | 426 | 650 | LOW | 1079 |
| RD10 | 5.06 | 0.35 | 0.44 | 109 | 197 | 336 | 642 | LOW | 1080 |
| RU24 | 5.33 | 0.30 | 0.49 | 138 | 74  | 429 | 641 | LOW | 1081 |
| RD12 | 5.78 | 0.34 | 0.40 | 189 | 170 | 280 | 639 | LOW | 1082 |
| BS04 | 2.44 | 0.18 | 0.61 | 3   | 4   | 631 | 638 | LOW | 1083 |
| JM25 | 5.22 | 0.36 | 0.41 | 126 | 223 | 287 | 636 | LOW | 1084 |
| PL47 | 5.89 | 0.38 | 0.32 | 209 | 280 | 146 | 635 | LOW | 1085 |
| JR04 | 4.90 | 0.23 | 0.55 | 78  | 14  | 539 | 631 | LOW | 1086 |
| RU18 | 5.24 | 0.33 | 0.46 | 129 | 128 | 367 | 624 | LOW | 1087 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| NE28 | 7.94 | 0.31 | 0.29 | 417 | 96  | 110 | 623 | LOW | 1088 |
| JM03 | 4.91 | 0.36 | 0.44 | 80  | 209 | 328 | 617 | LOW | 1089 |
| RU12 | 5.42 | 0.35 | 0.41 | 148 | 188 | 281 | 617 | LOW | 1090 |
| RU47 | 6.03 | 0.35 | 0.35 | 231 | 185 | 198 | 614 | LOW | 1091 |
| NE39 | 4.96 | 0.33 | 0.47 | 90  | 130 | 393 | 613 | LOW | 1092 |
| NE27 | 5.34 | 0.37 | 0.37 | 139 | 245 | 227 | 611 | LOW | 1093 |
| RD14 | 5.00 | 0.30 | 0.49 | 96  | 72  | 441 | 609 | LOW | 1094 |
| NE38 | 5.06 | 0.34 | 0.44 | 106 | 168 | 329 | 603 | LOW | 1095 |
| JU60 | 5.00 | 0.40 | 0.34 | 94  | 329 | 177 | 600 | LOW | 1096 |
| RA09 | 4.68 | 0.30 | 0.50 | 51  | 79  | 467 | 597 | LOW | 1097 |
| RL05 | 4.48 | 0.18 | 0.56 | 35  | 5   | 555 | 595 | LOW | 1098 |
| RD17 | 5.07 | 0.36 | 0.40 | 110 | 211 | 272 | 593 | LOW | 1099 |
| NE75 | 4.90 | 0.37 | 0.40 | 76  | 243 | 269 | 588 | LOW | 1100 |
| PU13 | 6.12 | 0.27 | 0.42 | 245 | 48  | 295 | 588 | LOW | 1101 |
| NE29 | 5.52 | 0.35 | 0.38 | 158 | 190 | 238 | 586 | LOW | 1102 |
| PL08 | 7.61 | 0.24 | 0.34 | 388 | 19  | 174 | 581 | LOW | 1103 |
| RD18 | 4.83 | 0.34 | 0.45 | 66  | 162 | 353 | 581 | LOW | 1104 |
| RU39 | 5.85 | 0.39 | 0.28 | 201 | 294 | 85  | 580 | LOW | 1105 |
| TH07 | 7.23 | 0.25 | 0.36 | 349 | 26  | 204 | 579 | LOW | 1106 |
| NE22 | 5.09 | 0.33 | 0.44 | 114 | 142 | 322 | 578 | LOW | 1107 |
| JU44 | 5.70 | 0.38 | 0.31 | 181 | 272 | 124 | 577 | LOW | 1108 |
| TH33 | 4.79 | 0.32 | 0.47 | 62  | 127 | 387 | 576 | LOW | 1109 |
| JM36 | 5.10 | 0.42 | 0.29 | 116 | 354 | 103 | 573 | LOW | 1110 |
| TH20 | 5.83 | 0.32 | 0.39 | 198 | 125 | 249 | 572 | LOW | 1111 |
| NE23 | 5.60 | 0.36 | 0.34 | 166 | 221 | 181 | 568 | LOW | 1112 |
| PS17 | 5.02 | 0.41 | 0.31 | 99  | 340 | 125 | 564 | LOW | 1113 |
| RD07 | 5.75 | 0.35 | 0.34 | 184 | 194 | 186 | 564 | LOW | 1114 |
| PL01 | 5.70 | 0.33 | 0.39 | 180 | 129 | 254 | 563 | LOW | 1115 |
| TC04 | 4.07 | 0.30 | 0.51 | 15  | 68  | 473 | 556 | LOW | 1116 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| RD29 | 5.05 | 0.26 | 0.48 | 104 | 36  | 407 | 547 | LOW | 1117 |
| TH31 | 4.89 | 0.32 | 0.46 | 74  | 107 | 366 | 547 | LOW | 1118 |
| RD15 | 5.01 | 0.25 | 0.48 | 97  | 29  | 418 | 544 | LOW | 1119 |
| TH34 | 4.71 | 0.37 | 0.37 | 54  | 251 | 231 | 536 | LOW | 1120 |
| JM01 | 5.34 | 0.39 | 0.28 | 140 | 302 | 90  | 532 | LOW | 1121 |
| TH13 | 6.86 | 0.24 | 0.34 | 319 | 18  | 187 | 524 | LOW | 1122 |
| JM85 | 6.33 | 0.34 | 0.27 | 261 | 180 | 80  | 521 | LOW | 1123 |
| NE05 | 4.93 | 0.37 | 0.35 | 84  | 241 | 190 | 515 | LOW | 1124 |
| RU45 | 5.62 | 0.35 | 0.32 | 170 | 204 | 136 | 510 | LOW | 1125 |
| NE30 | 5.55 | 0.36 | 0.31 | 161 | 222 | 126 | 509 | LOW | 1126 |
| TC06 | 5.75 | 0.31 | 0.37 | 185 | 94  | 222 | 501 | LOW | 1127 |
| NE65 | 4.84 | 0.31 | 0.44 | 68  | 102 | 325 | 495 | LOW | 1128 |
| JU52 | 4.74 | 0.34 | 0.40 | 56  | 155 | 263 | 474 | LOW | 1129 |
| RD28 | 5.11 | 0.33 | 0.36 | 118 | 143 | 208 | 469 | LOW | 1130 |
| RD08 | 5.22 | 0.34 | 0.34 | 128 | 160 | 179 | 467 | LOW | 1131 |
| RU09 | 5.60 | 0.34 | 0.30 | 165 | 182 | 116 | 463 | LOW | 1132 |
| RU43 | 5.61 | 0.36 | 0.25 | 168 | 231 | 62  | 461 | LOW | 1133 |
| NE76 | 7.20 | 0.27 | 0.26 | 348 | 42  | 68  | 458 | LOW | 1134 |
| PS80 | 5.13 | 0.28 | 0.41 | 119 | 51  | 285 | 455 | LOW | 1135 |
| RU40 | 4.94 | 0.33 | 0.37 | 86  | 153 | 215 | 454 | LOW | 1136 |
| NE68 | 5.83 | 0.31 | 0.33 | 199 | 90  | 158 | 447 | LOW | 1137 |
| RU38 | 5.35 | 0.36 | 0.27 | 141 | 219 | 81  | 441 | LOW | 1138 |
| TH08 | 5.04 | 0.34 | 0.33 | 103 | 171 | 164 | 438 | LOW | 1139 |
| NE52 | 4.94 | 0.31 | 0.39 | 87  | 88  | 257 | 432 | LOW | 1140 |
| NE77 | 5.10 | 0.37 | 0.25 | 115 | 255 | 61  | 431 | LOW | 1141 |
| NE72 | 5.18 | 0.37 | 0.23 | 124 | 263 | 38  | 425 | LOW | 1142 |
| TC07 | 4.61 | 0.28 | 0.44 | 41  | 55  | 327 | 423 | LOW | 1143 |
| JU54 | 3.51 | 0.23 | 0.47 | 7   | 10  | 383 | 400 | LOW | 1144 |
| PS66 | 4.92 | 0.23 | 0.42 | 83  | 15  | 299 | 397 | LOW | 1145 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| RD27 | 5.14 | 0.33 | 0.31 | 120 | 146 | 127 | 393 | LOW | 1146 |
| TH17 | 3.38 | 0.24 | 0.45 | 6   | 17  | 352 | 375 | LOW | 1147 |
| RA14 | 4.98 | 0.33 | 0.32 | 92  | 141 | 140 | 373 | LOW | 1148 |
| NE26 | 5.14 | 0.33 | 0.29 | 122 | 147 | 101 | 370 | LOW | 1149 |
| RD34 | 5.44 | 0.30 | 0.32 | 149 | 83  | 138 | 370 | LOW | 1150 |
| NE48 | 4.79 | 0.30 | 0.36 | 60  | 82  | 213 | 355 | LOW | 1151 |
| JU41 | 4.89 | 0.34 | 0.28 | 75  | 176 | 99  | 350 | LOW | 1152 |
| JU51 | 4.08 | 0.31 | 0.38 | 16  | 89  | 245 | 350 | LOW | 1153 |
| TH24 | 4.54 | 0.28 | 0.39 | 37  | 52  | 258 | 347 | LOW | 1154 |
| RU19 | 4.90 | 0.27 | 0.37 | 79  | 46  | 220 | 345 | LOW | 1155 |
| BS05 | 2.49 | 0.17 | 0.44 | 4   | 3   | 335 | 342 | LOW | 1156 |
| JU18 | 4.93 | 0.34 | 0.26 | 85  | 177 | 64  | 326 | LOW | 1157 |
| TH03 | 4.72 | 0.33 | 0.32 | 55  | 131 | 133 | 319 | LOW | 1158 |
| RU52 | 4.33 | 0.27 | 0.38 | 26  | 47  | 244 | 317 | LOW | 1159 |
| NE74 | 4.54 | 0.32 | 0.34 | 36  | 108 | 171 | 315 | LOW | 1160 |
| RD33 | 4.86 | 0.21 | 0.38 | 70  | 7   | 236 | 313 | LOW | 1161 |
| RU17 | 4.88 | 0.31 | 0.32 | 72  | 99  | 142 | 313 | LOW | 1162 |
| RD09 | 4.87 | 0.33 | 0.28 | 71  | 148 | 92  | 311 | LOW | 1163 |
| TH21 | 4.90 | 0.26 | 0.35 | 77  | 32  | 199 | 308 | LOW | 1164 |
| RD36 | 5.25 | 0.30 | 0.28 | 131 | 76  | 88  | 295 | LOW | 1165 |
| RU02 | 4.46 | 0.32 | 0.33 | 32  | 110 | 153 | 295 | LOW | 1166 |
| NE88 | 4.07 | 0.31 | 0.34 | 14  | 103 | 172 | 289 | LOW | 1167 |
| PS77 | 5.06 | 0.30 | 0.29 | 107 | 80  | 102 | 289 | LOW | 1168 |
| JU43 | 4.75 | 0.34 | 0.24 | 58  | 173 | 47  | 278 | LOW | 1169 |
| JM02 | 4.58 | 0.33 | 0.28 | 39  | 151 | 87  | 277 | LOW | 1170 |
| RA10 | 4.66 | 0.28 | 0.34 | 43  | 59  | 175 | 277 | LOW | 1171 |
| NE83 | 4.66 | 0.34 | 0.26 | 45  | 164 | 67  | 276 | LOW | 1172 |
| NE79 | 3.93 | 0.25 | 0.37 | 12  | 22  | 229 | 263 | LOW | 1173 |
| NE63 | 4.05 | 0.30 | 0.34 | 13  | 69  | 180 | 262 | LOW | 1174 |

|      |      |      |      |     |     |     |     |     |      |
|------|------|------|------|-----|-----|-----|-----|-----|------|
| NE71 | 4.37 | 0.29 | 0.34 | 28  | 61  | 173 | 262 | LOW | 1175 |
| NE70 | 4.26 | 0.30 | 0.33 | 22  | 77  | 162 | 261 | LOW | 1176 |
| PS76 | 5.62 | 0.26 | 0.25 | 169 | 30  | 53  | 252 | LOW | 1177 |
| NE64 | 4.67 | 0.31 | 0.29 | 48  | 84  | 113 | 245 | LOW | 1178 |
| TH04 | 4.39 | 0.29 | 0.33 | 29  | 62  | 154 | 245 | LOW | 1179 |
| TH28 | 4.29 | 0.29 | 0.33 | 24  | 64  | 156 | 244 | LOW | 1180 |
| RD30 | 4.40 | 0.28 | 0.33 | 30  | 58  | 155 | 243 | LOW | 1181 |
| TH02 | 4.64 | 0.31 | 0.28 | 42  | 100 | 97  | 239 | LOW | 1182 |
| RU41 | 4.82 | 0.32 | 0.25 | 65  | 115 | 54  | 234 | LOW | 1183 |
| RU50 | 4.70 | 0.32 | 0.25 | 53  | 113 | 60  | 226 | LOW | 1184 |
| RA12 | 4.29 | 0.32 | 0.27 | 23  | 111 | 78  | 212 | LOW | 1185 |
| NE86 | 4.25 | 0.24 | 0.33 | 21  | 20  | 161 | 202 | LOW | 1186 |
| RA11 | 3.67 | 0.30 | 0.30 | 9   | 70  | 117 | 196 | LOW | 1187 |
| NE78 | 4.57 | 0.32 | 0.22 | 38  | 117 | 32  | 187 | LOW | 1188 |
| NE80 | 4.22 | 0.33 | 0.20 | 20  | 132 | 28  | 180 | LOW | 1189 |
| TH16 | 4.15 | 0.22 | 0.32 | 18  | 9   | 145 | 172 | LOW | 1190 |
| PS71 | 4.89 | 0.23 | 0.27 | 73  | 13  | 82  | 168 | LOW | 1191 |
| RA03 | 3.85 | 0.27 | 0.31 | 10  | 37  | 121 | 168 | LOW | 1192 |
| NE81 | 3.66 | 0.27 | 0.29 | 8   | 39  | 112 | 159 | LOW | 1193 |
| RU49 | 4.33 | 0.28 | 0.28 | 25  | 50  | 84  | 159 | LOW | 1194 |
| RD31 | 4.47 | 0.29 | 0.25 | 33  | 65  | 58  | 156 | LOW | 1195 |
| RA02 | 3.91 | 0.27 | 0.29 | 11  | 43  | 100 | 154 | LOW | 1196 |
| NE73 | 4.12 | 0.27 | 0.27 | 17  | 44  | 83  | 144 | LOW | 1197 |
| NE66 | 4.37 | 0.27 | 0.25 | 27  | 38  | 50  | 115 | LOW | 1198 |
| NE67 | 4.16 | 0.25 | 0.24 | 19  | 28  | 45  | 92  | LOW | 1199 |
| RA13 | 3.04 | 0.21 | 0.26 | 5   | 6   | 74  | 85  | LOW | 1200 |
| JU23 | 0.78 | 0.09 | 0.00 | 2   | 2   | 1   | 5   | LOW | 1201 |
| AO05 | 0.00 | 0.00 | 0.00 | 1   | 1   | 1   | 3   | LOW | 1202 |
| AO12 | 0.00 | 0.00 | 0.00 | 1   | 1   | 1   | 3   | LOW | 1203 |

|      |      |      |      |   |   |   |   |     |      |
|------|------|------|------|---|---|---|---|-----|------|
| AO16 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1204 |
| AO19 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1205 |
| AO20 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1206 |
| AO22 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1207 |
| BS03 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1208 |
| BS06 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1209 |
| BS07 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1210 |
| BS14 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1211 |
| BS15 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1212 |
| BS19 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1213 |
| BS27 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1214 |
| CB27 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1215 |
| CB28 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1216 |
| CB37 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1217 |
| JL50 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1218 |
| JL57 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1219 |
| JL58 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1220 |
| JU16 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1221 |
| JU35 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1222 |
| NE89 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1223 |
| NE90 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1224 |
| PL24 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1225 |
| PL25 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1226 |
| PS13 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1227 |
| PS18 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1228 |
| PU21 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1229 |
| RD42 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1230 |
| RL19 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1231 |
| TC35 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1232 |

|      |      |      |      |   |   |   |   |     |      |
|------|------|------|------|---|---|---|---|-----|------|
| TH05 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1233 |
| TH46 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1234 |
| TP01 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1235 |
| TP03 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1236 |
| TP04 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1237 |
| TP08 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1238 |
| TP19 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1239 |
| YA02 | 0.00 | 0.00 | 0.00 | 1 | 1 | 1 | 3 | LOW | 1240 |

**Attachment B****Drainage Basins in Each Soil and Water  
Conservation District**

| SWCD              | Location |
|-------------------|----------|
| APPOMATTOX RIVER  | Both     |
| BIG SANDY         | OCB      |
| BIG WALKER        | OCB      |
| BLUE RIDGE        | Both     |
| CHOWAN BASIN      | OCB      |
| CLINCH VALLEY     | OCB      |
| COLONIAL          | CB       |
| CULPEPER          | CB       |
| DANIEL BOONE      | OCB      |
| EASTERN SHORE     | Both     |
| EVERGREEN         | OCB      |
| HALIFAX           | OCB      |
| HANOVER-CAROLINE  | CB       |
| HEADWATERS        | CB       |
| HENRICOPOLIS      | CB       |
| HOLSTON RIVER     | OCB      |
| JAMES RIVER       | Both     |
| JOHN MARSHALL     | CB       |
| LAKE COUNTRY      | OCB      |
| LONESOME PINE     | OCB      |
| LORD FAIRFAX      | CB       |
| LOUDOUN           | CB       |
| MONACAN           | CB       |
| MOUNTAIN          | CB       |
| MOUNTAIN CASTLES  | Both     |
| NATURAL BRIDGE    | CB       |
| NEW RIVER         | OCB      |
| NORTHERN NECK     | CB       |
| NORTHERN VA       | CB       |
| PATRICK           | OCB      |
| PEAKS OF OTTER    | Both     |
| PEANUT            | Both     |
| PETER FRANCISCO   | CB       |
| PIEDMONT          | Both     |
| PITTSYLVANIA      | OCB      |
| PRINCE WILLIAM    | CB       |
| ROBERT E. LEE     | Both     |
| SCOTT COUNTY      | OCB      |
| SHENANDOAH VALLEY | CB       |
| SKYLINE           | Both     |

|                  |      |
|------------------|------|
| SOUTHSIDE        | OCB  |
| TAZEWELL         | OCB  |
| THOMAS JEFFERSON | CB   |
| THREE RIVERS     | CB   |
| TIDEWATER        | CB   |
| TRI-COUNTY/CITY  | CB   |
| VIRGINIA DARE    | Both |

## Attachment C

This attachment provides data by Drainage Basin (CB and OCB), District, Agricultural Pollutant Potential Rank (H, M, and L), Total Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin, and the resulting Percentage Rank (Cost-share Multiplier).

| Drainage Basin | SWCD Number | District Name     | Agricultural Pollutant Potential Rank | Total Agricultural Area (acres) of Hydrologic Units in each District by Agricultural Pollutant Potential Rank and Drainage Basin | Percentage AGLAND Rank (Cost-share Multiplier) |
|----------------|-------------|-------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| CB             | 1           | TIDEWATER         | HIGH                                  | 13761                                                                                                                            | 0.022815                                       |
| CB             | 1           | TIDEWATER         | LOW                                   | 0                                                                                                                                | 0.000000                                       |
| CB             | 1           | TIDEWATER         | MED                                   | 17884                                                                                                                            | 0.022452                                       |
| CB             | 2           | THOMAS JEFFERSON  | HIGH                                  | 8734                                                                                                                             | 0.014481                                       |
| CB             | 2           | THOMAS JEFFERSON  | LOW                                   | 97484                                                                                                                            | 0.127047                                       |
| CB             | 2           | THOMAS JEFFERSON  | MED                                   | 51776                                                                                                                            | 0.065004                                       |
| CB             | 3           | SOUTHSIDE         | HIGH                                  | 0                                                                                                                                | 0.000000                                       |
| CB             | 3           | SOUTHSIDE         | LOW                                   | 42                                                                                                                               | 0.000054                                       |
| CB             | 3           | SOUTHSIDE         | MED                                   | 0                                                                                                                                | 0.000000                                       |
| CB             | 4           | NATURAL BRIDGE    | HIGH                                  | 0                                                                                                                                | 0.000000                                       |
| CB             | 4           | NATURAL BRIDGE    | LOW                                   | 60361                                                                                                                            | 0.078665                                       |
| CB             | 4           | NATURAL BRIDGE    | MED                                   | 11116                                                                                                                            | 0.013956                                       |
| CB             | 5           | PIEDMONT          | HIGH                                  | 2245                                                                                                                             | 0.003723                                       |
| CB             | 5           | PIEDMONT          | LOW                                   | 35446                                                                                                                            | 0.046196                                       |
| CB             | 5           | PIEDMONT          | MED                                   | 40491                                                                                                                            | 0.050835                                       |
| CB             | 6           | BLUE RIDGE        | HIGH                                  | 0                                                                                                                                | 0.000000                                       |
| CB             | 6           | BLUE RIDGE        | LOW                                   | 2886                                                                                                                             | 0.003761                                       |
| CB             | 6           | BLUE RIDGE        | MED                                   | 0                                                                                                                                | 0.000000                                       |
| CB             | 7           | CULPEPER          | HIGH                                  | 51418                                                                                                                            | 0.085248                                       |
| CB             | 7           | CULPEPER          | LOW                                   | 97290                                                                                                                            | 0.126794                                       |
| CB             | 7           | CULPEPER          | MED                                   | 84263                                                                                                                            | 0.105790                                       |
| CB             | 8           | NORTHERN NECK     | HIGH                                  | 59541                                                                                                                            | 0.098716                                       |
| CB             | 8           | NORTHERN NECK     | LOW                                   | 0                                                                                                                                | 0.000000                                       |
| CB             | 8           | NORTHERN NECK     | MED                                   | 44077                                                                                                                            | 0.055338                                       |
| CB             | 9           | SHENANDOAH VALLEY | HIGH                                  | 114853                                                                                                                           | 0.190421                                       |
| CB             | 9           | SHENANDOAH VALLEY | LOW                                   | 17825                                                                                                                            | 0.023231                                       |
| CB             | 9           | SHENANDOAH VALLEY | MED                                   | 52366                                                                                                                            | 0.065744                                       |

|    |    |                   |      |       |          |
|----|----|-------------------|------|-------|----------|
| CB | 10 | ROBERT E. LEE     | HIGH | 0     | 0.000000 |
| CB | 10 | ROBERT E. LEE     | LOW  | 59049 | 0.076955 |
| CB | 10 | ROBERT E. LEE     | MED  | 4014  | 0.005040 |
| CB | 12 | JAMES RIVER       | HIGH | 10920 | 0.018105 |
| CB | 12 | JAMES RIVER       | LOW  | 732   | 0.000954 |
| CB | 12 | JAMES RIVER       | MED  | 3000  | 0.003767 |
| CB | 13 | LORD FAIRFAX      | HIGH | 44149 | 0.073198 |
| CB | 13 | LORD FAIRFAX      | LOW  | 86349 | 0.112535 |
| CB | 13 | LORD FAIRFAX      | MED  | 67888 | 0.085231 |
| CB | 14 | SKYLINE           | HIGH | 0     | 0.000000 |
| CB | 14 | SKYLINE           | LOW  | 78    | 0.000101 |
| CB | 14 | SKYLINE           | MED  | 0     | 0.000000 |
| CB | 15 | PEANUT            | HIGH | 44900 | 0.074441 |
| CB | 15 | PEANUT            | LOW  | 0     | 0.000000 |
| CB | 15 | PEANUT            | MED  | 7135  | 0.008957 |
| CB | 16 | MOUNTAIN          | HIGH | 4045  | 0.006707 |
| CB | 16 | MOUNTAIN          | LOW  | 25485 | 0.033214 |
| CB | 16 | MOUNTAIN          | MED  | 36505 | 0.045831 |
| CB | 17 | TRI-COUNTY/CITY   | HIGH | 15142 | 0.025105 |
| CB | 17 | TRI-COUNTY/CITY   | LOW  | 6602  | 0.008604 |
| CB | 17 | TRI-COUNTY/CITY   | MED  | 22330 | 0.028035 |
| CB | 18 | COLONIAL          | HIGH | 29500 | 0.048910 |
| CB | 18 | COLONIAL          | LOW  | 65    | 0.000084 |
| CB | 18 | COLONIAL          | MED  | 2866  | 0.003599 |
| CB | 20 | EASTERN SHORE     | HIGH | 0     | 0.000000 |
| CB | 20 | EASTERN SHORE     | LOW  | 0     | 0.000000 |
| CB | 20 | EASTERN SHORE     | MED  | 61275 | 0.076928 |
| CB | 21 | NORTHERN VIRGINIA | HIGH | 0     | 0.000000 |
| CB | 21 | NORTHERN VIRGINIA | LOW  | 1114  | 0.001452 |
| CB | 21 | NORTHERN VIRGINIA | MED  | 13    | 0.000017 |
| CB | 22 | VIRGINIA DARE     | HIGH | 325   | 0.000539 |
| CB | 22 | VIRGINIA DARE     | LOW  | 0     | 0.000000 |
| CB | 22 | VIRGINIA DARE     | MED  | 3286  | 0.004126 |
| CB | 30 | HANOVER-CAROLINE  | HIGH | 52042 | 0.086283 |
| CB | 30 | HANOVER-CAROLINE  | LOW  | 2159  | 0.002813 |
| CB | 30 | HANOVER-CAROLINE  | MED  | 32174 | 0.040393 |
| CB | 32 | JOHN MARSHALL     | HIGH | 3175  | 0.005264 |
| CB | 32 | JOHN MARSHALL     | LOW  | 59131 | 0.077062 |

|     |    |                  |      |       |             |
|-----|----|------------------|------|-------|-------------|
| CB  | 32 | JOHN MARSHALL    | MED  | 69545 | 0.087311    |
| CB  | 34 | PEAKS OF OTTER   | HIGH | 0     | 0.000000    |
| CB  | 34 | PEAKS OF OTTER   | LOW  | 6360  | 0.008289    |
| CB  | 34 | PEAKS OF OTTER   | MED  | 0     | 0.000000    |
| CB  | 35 | PRINCE WILLIAM   | HIGH | 6718  | 0.011138    |
| CB  | 35 | PRINCE WILLIAM   | LOW  | 12189 | 0.015886    |
| CB  | 35 | PRINCE WILLIAM   | MED  | 1130  | 0.001419    |
| CB  | 36 | LOUDOUN          | HIGH | 0     | 0.000000    |
| CB  | 36 | LOUDOUN          | LOW  | 79825 | 0.104033    |
| CB  | 36 | LOUDOUN          | MED  | 9750  | 0.012240    |
| CB  | 38 | MONACAN          | HIGH | 4228  | 0.007010    |
| CB  | 38 | MONACAN          | LOW  | 3054  | 0.003980    |
| CB  | 38 | MONACAN          | MED  | 31945 | 0.040106    |
| CB  | 39 | PETER FRANCISCO  | HIGH | 1871  | 0.003103    |
| CB  | 39 | PETER FRANCISCO  | LOW  | 22858 | 0.029790    |
| CB  | 39 | PETER FRANCISCO  | MED  | 36164 | 0.045402    |
| CB  | 40 | HENRICOPOLIS     | HIGH | 8758  | 0.014520    |
| CB  | 40 | HENRICOPOLIS     | LOW  | 1136  | 0.001480    |
| CB  | 40 | HENRICOPOLIS     | MED  | 262   | 0.000329    |
| CB  | 41 | HEADWATERS       | HIGH | 46603 | 0.077265    |
| CB  | 41 | HEADWATERS       | LOW  | 48420 | 0.063103    |
| CB  | 41 | HEADWATERS       | MED  | 76132 | 0.095582    |
| CB  | 42 | APPOMATTOX RIVER | HIGH | 691   | 0.001145    |
| CB  | 42 | APPOMATTOX RIVER | LOW  | 287   | 0.000374    |
| CB  | 42 | APPOMATTOX RIVER | MED  | 3828  | 0.004806    |
| CB  | 43 | THREE RIVERS     | HIGH | 77610 | 0.128674    |
| CB  | 43 | THREE RIVERS     | LOW  | 0     | 0.000000    |
| CB  | 43 | THREE RIVERS     | MED  | 21143 | 0.026545    |
| CB  | 45 | MOUNTAIN CASTLES | HIGH | 1924  | 0.003190    |
| CB  | 45 | MOUNTAIN CASTLES | LOW  | 41082 | 0.053541    |
| CB  | 45 | MOUNTAIN CASTLES | MED  | 4156  | 0.005218    |
| OCB | 3  | SOUTHSIDE        | HIGH | 11302 | 0.049374158 |
| OCB | 3  | SOUTHSIDE        | LOW  | 24359 | 0.022767018 |
| OCB | 3  | SOUTHSIDE        | MED  | 42694 | 0.096342703 |
| OCB | 5  | PIEDMONT         | HIGH | 18    | 8.00989E-05 |
| OCB | 5  | PIEDMONT         | LOW  | 7633  | 0.007134466 |
| OCB | 5  | PIEDMONT         | MED  | 4325  | 0.009760756 |
| OCB | 6  | BLUE RIDGE       | HIGH | 0     | 0           |

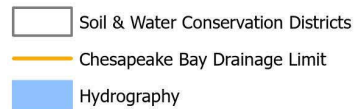
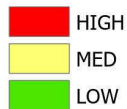
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|-----|----|---------------|------|--------|-------------|
| OCB | 6  | BLUE RIDGE    | LOW  | 45801  | 0.042806758 |
| OCB | 6  | BLUE RIDGE    | MED  | 37427  | 0.084457441 |
| OCB | 10 | ROBERT E. LEE | HIGH | 0      | 0           |
| OCB | 10 | ROBERT E. LEE | LOW  | 46224  | 0.043202159 |
| OCB | 10 | ROBERT E. LEE | MED  | 22064  | 0.049790794 |
| OCB | 11 | NEW RIVER     | HIGH | 0      | 0           |
| OCB | 11 | NEW RIVER     | LOW  | 113087 | 0.105695125 |
| OCB | 11 | NEW RIVER     | MED  | 1767   | 0.003986607 |
| OCB | 12 | JAMES RIVER   | HIGH | 11054  | 0.048289853 |
| OCB | 12 | JAMES RIVER   | LOW  | 297    | 0.000277413 |
| OCB | 12 | JAMES RIVER   | MED  | 0      | 0           |
| OCB | 14 | SKYLINE       | HIGH | 0      | 0           |
| OCB | 14 | SKYLINE       | LOW  | 163499 | 0.152811698 |
| OCB | 14 | SKYLINE       | MED  | 3475   | 0.007841877 |
| OCB | 15 | PEANUT        | HIGH | 64571  | 0.282094044 |
| OCB | 15 | PEANUT        | LOW  | 0      | 0           |
| OCB | 15 | PEANUT        | MED  | 19564  | 0.044147349 |
| OCB | 19 | CHOWAN BASIN  | HIGH | 85837  | 0.375001237 |
| OCB | 19 | CHOWAN BASIN  | LOW  | 3171   | 0.002963368 |
| OCB | 19 | CHOWAN BASIN  | MED  | 47748  | 0.107748977 |
| OCB | 20 | EASTERN SHORE | HIGH | 1349   | 0.005893069 |
| OCB | 20 | EASTERN SHORE | LOW  | 0      | 0           |
| OCB | 20 | EASTERN SHORE | MED  | 44556  | 0.100546416 |
| OCB | 22 | VIRGINIA DARE | HIGH | 2214   | 0.009673424 |
| OCB | 22 | VIRGINIA DARE | LOW  | 0      | 0           |
| OCB | 22 | VIRGINIA DARE | MED  | 52234  | 0.117870448 |
| OCB | 23 | HOLSTON RIVER | HIGH | 0      | 0           |
| OCB | 23 | HOLSTON RIVER | LOW  | 84641  | 0.07910853  |
| OCB | 23 | HOLSTON RIVER | MED  | 1648   | 0.003718488 |
| OCB | 24 | DANIEL BOONE  | HIGH | 0      | 0           |
| OCB | 24 | DANIEL BOONE  | LOW  | 0      | 0           |
| OCB | 24 | DANIEL BOONE  | MED  | 46693  | 0.105368054 |
| OCB | 25 | CLINCH VALLEY | HIGH | 0      | 0           |
| OCB | 25 | CLINCH VALLEY | LOW  | 64914  | 0.060671026 |
| OCB | 25 | CLINCH VALLEY | MED  | 480    | 0.001084031 |
| OCB | 26 | SCOTT COUNTY  | HIGH | 0      | 0           |
| OCB | 26 | SCOTT COUNTY  | LOW  | 21747  | 0.020325818 |
| OCB | 26 | SCOTT COUNTY  | MED  | 21669  | 0.048898849 |

|     |    |                  |      |        |             |
|-----|----|------------------|------|--------|-------------|
| OCB | 27 | LONESOME PINE    | HIGH | 0      | 0           |
| OCB | 27 | LONESOME PINE    | LOW  | 7736   | 0.007230762 |
| OCB | 27 | LONESOME PINE    | MED  | 109    | 0.000246078 |
| OCB | 28 | EVERGREEN        | HIGH | 0      | 0           |
| OCB | 28 | EVERGREEN        | LOW  | 54141  | 0.050601768 |
| OCB | 28 | EVERGREEN        | MED  | 0      | 0           |
| OCB | 29 | TAZEWELL         | HIGH | 0      | 0           |
| OCB | 29 | TAZEWELL         | LOW  | 50403  | 0.047108259 |
| OCB | 29 | TAZEWELL         | MED  | 0      | 0           |
| OCB | 31 | PITTSYLVANIA     | HIGH | 0      | 0           |
| OCB | 31 | PITTSYLVANIA     | LOW  | 84185  | 0.078682359 |
| OCB | 31 | PITTSYLVANIA     | MED  | 16949  | 0.038247521 |
| OCB | 33 | HALIFAX          | HIGH | 3478   | 0.015192713 |
| OCB | 33 | HALIFAX          | LOW  | 33963  | 0.031743036 |
| OCB | 33 | HALIFAX          | MED  | 23803  | 0.053713574 |
| OCB | 34 | PEAKS OF OTTER   | HIGH | 0      | 0           |
| OCB | 34 | PEAKS OF OTTER   | LOW  | 89751  | 0.08388436  |
| OCB | 34 | PEAKS OF OTTER   | MED  | 0      | 0           |
| OCB | 37 | BIG WALKER       | HIGH | 0      | 0           |
| OCB | 37 | BIG WALKER       | LOW  | 116927 | 0.109284187 |
| OCB | 37 | BIG WALKER       | MED  | 0      | 0           |
| OCB | 42 | APPOMATTOX RIVER | HIGH | 21333  | 0.093196698 |
| OCB | 42 | APPOMATTOX RIVER | LOW  | 3311   | 0.003094749 |
| OCB | 42 | APPOMATTOX RIVER | MED  | 8322   | 0.018779224 |
| OCB | 44 | PATRICK          | HIGH | 0      | 0           |
| OCB | 44 | PATRICK          | LOW  | 26759  | 0.025009975 |
| OCB | 44 | PATRICK          | MED  | 2171   | 0.004898811 |
| OCB | 45 | MOUNTAIN CASTLES | HIGH | 0      | 0           |
| OCB | 45 | MOUNTAIN CASTLES | LOW  | 13957  | 0.013044638 |
| OCB | 45 | MOUNTAIN CASTLES | MED  | 0      | 0           |
| OCB | 46 | LAKE COUNTRY     | HIGH | 27744  | 0.121204705 |
| OCB | 46 | LAKE COUNTRY     | LOW  | 12854  | 0.012014191 |
| OCB | 46 | LAKE COUNTRY     | MED  | 45445  | 0.102552004 |
| OCB | 47 | BIG SANDY        | HIGH | 0      | 0           |
| OCB | 47 | BIG SANDY        | LOW  | 576    | 0.000538338 |
| OCB | 47 | BIG SANDY        | MED  | 0      | 0           |

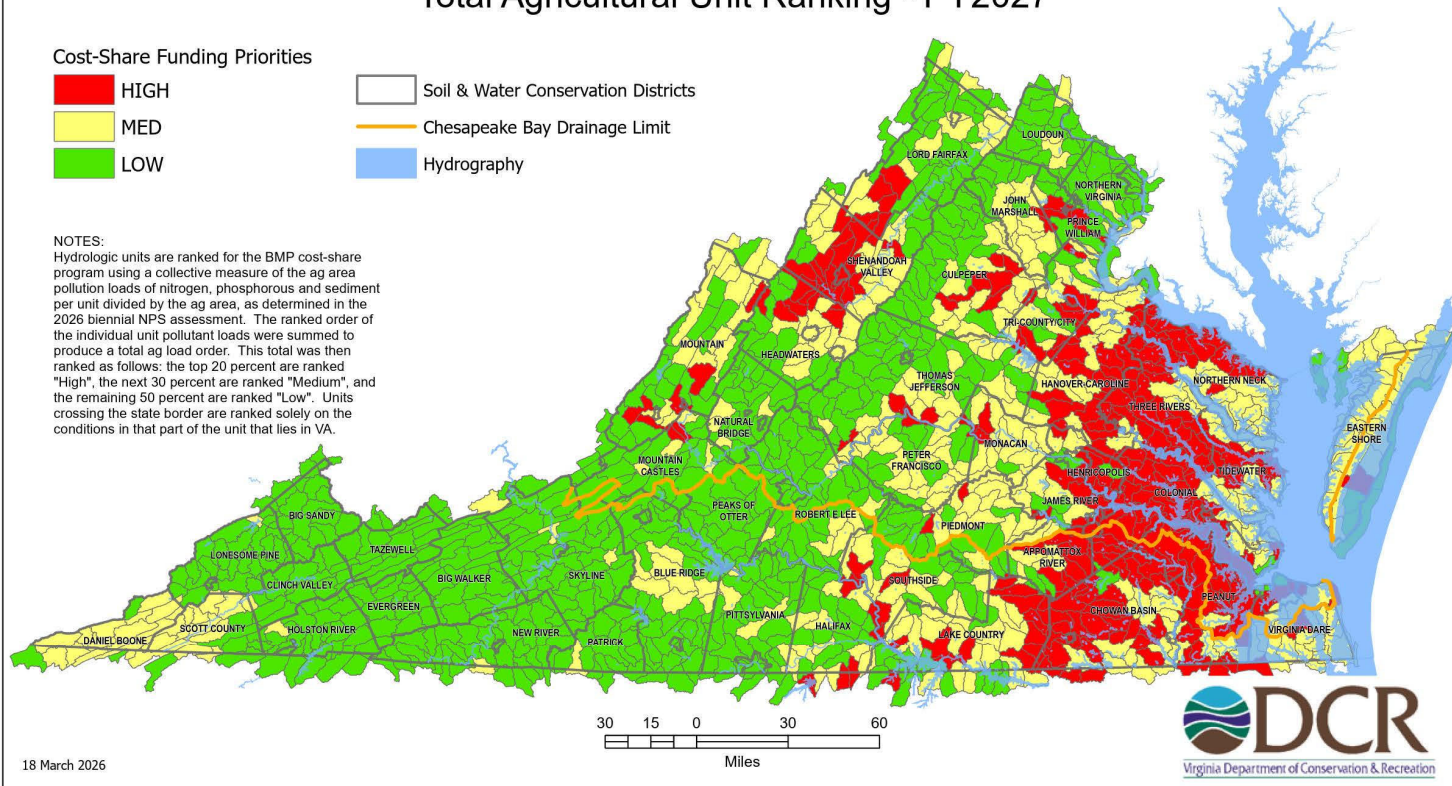
# Virginia's Agricultural BMP Cost-Share Funding Priorities

## Total Agricultural Unit Ranking - PY2027

### Cost-Share Funding Priorities



NOTES:  
Hydrologic units are ranked for the BMP cost-share program using a collective measure of the ag area pollution loads of nitrogen, phosphorous and sediment per unit divided by the ag area, as determined in the 2026 biennial NPS assessment. The ranked order of the individual unit pollutant loads were summed to produce a total ag load order. This total was then ranked as follows: the top 20 percent are ranked "High", the next 30 percent are ranked "Medium", and the remaining 50 percent are ranked "Low". Units crossing the state border are ranked solely on the conditions in that part of the unit that lies in VA.



18 March 2026

