| Location | Carbon  Dioxide  (ppm) | Carbon Monoxide  (ppm) | Temp  (°F) | Relative  Humidity  (%) | PM2.5  (µg/m3) | Occupants  in Room | TVOCs (ppm) | Windows  Openable | Ventilation | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supply | Exhaust |
| Background (outdoors) | 370 | ND | 57 | 23 | 10-15 |  | ND |  |  |  | Mostly Cloudy, cool |
| **5th Floor** |  |  |  |  |  |  |  |  |  |  |  |
| 501 Mechanical Room | 554 | ND | 76 | 23 | 3 | 0 | ND | N |  |  |  |
| Electrical Room | 582 | ND | 73 | 23 | 3 | 0 | ND |  |  |  |  |
| **4th Floor** |  |  |  |  |  |  |  |  |  |  |  |
| 423 | 518 | ND | 74 | 19 | 5 | 2 | ND | N | Y | N | DO |
| 420 | 518 | ND | 74 | 19 | 1 | 0 | ND | N | Y | N | Fan coil unit, DO |
| 416A | 549 | ND | 74 | 19 | 2 | 1 | ND | N | Y | Y | DO |
| Reg of Deeds (ROD) Receptionist | 498 | ND | 73 | 19 | 2 | 2 | ND | N | Y | Y | DO |
| ROD 407 | 470 | ND | 73 | 20 | 2 | 0 | ND | N | Y | Y | Dust/debris on vents, AP-filter light on |
| ROD 3018-3066 | 440 | ND | 73 | 21 | 1 | 1 | ND | N | Y | Y |  |
| ROD 6332-6478 | 448 | ND | 73 | 20 | 1 | 0 | ND | N | Y | Y |  |
| Administration | 485 | ND | 73 | 22 | 2 | 2 | ND | N | Y | Y |  |
| HR | 462 | ND | 72 | 23 | 1 | 0 | ND | N | N | N | Old/soiled carpet, PF, CF |
| 401 | 455 | ND | 72 | 24 | 3 | 0 | ND | N | Y | Y | Interior window open, AP |
| 402 | 448 | ND | 72 | 24 | 1 | 0 | ND | N | Y | Y |  |
| 403 | 448 | ND | 73 | 22 | 2 | 0 | ND | N | Y | Y | WD CT, CF |
| 403A | 529 | ND | 74 | 23 | 2 | 0 | ND | N | Y | Y | Computer equipment |
| 403B | 449 | ND | 71 | 21 | 2 | 2 | ND | N | Y | Y | Wall mounted ACs |
| Publication Research Area | 490 | ND | 72 | 21 | 2 | 2 | ND | N | Y | Y |  |
| 412 | 471 | ND | 72 | 20 | 7 | 1 | ND | N | Y | Y |  |
| Land Court | 482 | ND | 73 | 20 | 2 | 2 | ND | N | Y | Y |  |
| Archive Area | 424 | ND | 73 | 18 | 2 | 0 | ND | N | Y | Y | Dehumidifier |
| 415 | 465 | ND | 72 | 21 | 7 | 0 | ND | N | Y  Blocked | Y |  |
| 413 | 507 | ND | 72 | 22 | 2 | 0 | ND | N | Y | Y | AT-wiring, dehumidifier (full) |
| 412 | 462 | ND | 74 | 19 | 5 | 0 | ND | N | Y | Y | Large printer-heat, portable AC-ducted, PF, CF |
| 411 | 456 | ND | 72 | 20 | 3 | 1 | ND | N | Y | Y | PC, CF, discolored CTs, poor temperature control reported, shield on vent/louvers |
| 409-410 | 479 | ND | 72 | 19 | 3 | 1 | ND | N | Y | Y | Dust/debris-vents, PF, CF, PC, AP |
| 408 | 525 | ND | 72 | 19 | 2 | 1 | ND | N | Y | Y | CF, carpeting |
| 408A | 513 | ND | 74 | 19 | 2 | 1 | ND | N | y | Y | PF, CF, carpeting |
| Front Desk Area | 490 | ND | 74 | 20 | 2 | 4 | ND | N | Y | Y | Carpeting |
| 417 Kitchen | 580 | ND | 72 | 21 | 2 | 0 | ND | N | Y | Y | Refrigerator gasket-stained/mold |
| Probate Courtroom 1 | 534 | ND | 72 | 22 | 10 | 0 | ND | N | y | Y | Carpeting |
| Probate Courtroom 3 | 527 | ND | 71 | 22 | 2 | 0 | ND | N | Y | Y | Carpeting, dust/debris-vents/wall near ceiling |
| Conference Room A | 447 | ND | 71 | 23 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents |
| Conference Room B | 566 | ND | 71 | 23 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents |
| 427 Employee Lounge | 630 | ND | 72 | 24 | 3 | 4 | ND | N | Y | Y | Dust/debris-vents, DO |
| 426 | 584 | ND | 72 | 22 | 2 | 1 | ND | N | Y | Y | Dust/debris-vents, DO, CF |
| Probate Court Room 2 | 531 | ND | 72 | 23 | 2 | 0 | ND | N | Y | Y | PF, carpeting |
| Probate Court Room 4 | 529 | ND | 72 | 23 | 1 | 0 | ND | N | Y | Y |  |
| Conference Room B | 516 | ND | 72 | 22 | 3 | 0 | ND | N | Y | Y | 8 WD CT, MT |
| Conference Room A | 504 | ND | 71 | 22 | 3 | 0 | ND | N | Y | Y |  |
| 428 | 583 | ND | 72 | 23 | 2 | 1 | ND | N | Y | Y | Carpet squares |
| 428A | 532 | ND | 72 | 22 | 3 | 0 | ND | N | Y | Y | 3 WD CT |
| 428B | 546 | ND | 73 | 21 | 2 | 0 | ND | N | Y | Y |  |
| Jury Pool | 471 | ND | 71 | 18 | 3 | 2 | ND | N | Y | Y | Dust/debris-vents, PF, carpet, plants |
| Jury Pool Rear | 470 | ND | 71 | 18 | 3 | 0 | ND | N | Y | Y | WD CTs, plants-leaking on countertop, dust/debris-vents |
| Registry of Probate (ROP) | 664 | ND | 71 | 22 | 3 | 8 | ND | N | Y | Y | AI, 6 WD CTs |
| Probate Work Area | 479 | ND | 72 | 20 | 2 | 9 | ND | N | Y | Y | Dust/debris-vents/CTs, PF, PC, 15+ WD CTs |
| Vault | 447 | ND | 70 | 25 | 3 | 2 | ND | N | Y | Y | Missing vents, dust/debris-vents, 10+ WD CTs |
| 435 | 425 | ND | 69 | 21 | 3 | 0 | ND | N | Y | Y |  |
| 434 | 420 | ND | 69 | 20 | 3 | 0 | ND | N | Y | Y | PF, dust/debris-vents |
| 432 | 441 | ND | 70 | 20 | 3 | 0 | ND | N | Y | Y | Plants, dust/debris-vents, carpet |
| 431 | 475 | ND | 71 | 22 | 2 | 1 | ND | N | Y | Y | Dust/debris-vents, carpeting, plants |
| 431A | 452 | ND | 71 | 19 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents |
| 422 | 523 | ND | 73 | 18 | 3 | 0 | ND | N | Y | Y | Carpet tile |
| 421 | 480 | ND | 72 | 17 | 3 | 0 | ND | N | Y | Y |  |
| 419 | 514 | ND | 72 | 19 | 4 | 0 | ND | N | Y | Y | Plants |
| Reception-judges lobbies | 536 | ND | 72 | 19 | 3 | 2 | ND | N | Y | Y | Plants, AF |
| 416B | 607 | ND | 72 | 19 | 4 | O | ND | N | Y | Y | Plants |
| **3rd Floor** |  |  |  |  |  |  |  |  |  |  |  |
| 320A | 601 | ND | 73 | 23 | 2 | 0 | ND | N | Y | Y | Plants, WD CTs x 2 |
| 320 reception | 599 | ND | 74 | 21 | 2 | 0 | ND | N | Y | Y |  |
| 320B | 604 | ND | 74 | 21 | 1 | 0 | ND | N | Y | Y | WD CT |
| 317 | 597 | ND | 74 | 22 | 2 | 1 | ND | N | Y | Y |  |
| 317B | 620 | ND | 74 | 21 | 3 | 1 | ND | N | Y | Y | Plants |
| 317A | 553 | ND | 73 | 20 | 3 | 0 | ND | N | Y | Y | Renovations |
| 315 | 550 | ND | 74 | 19 | 4 | 0 | ND | N | Y | Y | Personal heaters |
| Jury Room B | 639 | ND | 72 | 22 | 3 | 0 | ND | N | Y | Y |  |
| Jury Room A | 549 | ND | 72 | 21 | 1 | 0 | ND | N | Y | Y | WD CT |
| 313A | 594 | ND | 71 | 25 | 4 | 2 | ND | N | Y | Y |  |
| Court Room 3 | 604 | ND | 71 | 23 | 4 | 0 | ND | N | Y | Y |  |
| Law Library-front | 606 | ND | 73 | 25 | 3 | 3 | ND | N | Y | Y |  |
| Training Room | 569 | ND | 73 | 20 | 3 | 0 | ND | N | Y | Y | Newly renovated |
| 309 | 638 | ND | 75 | 26 | 3 | 0 | ND | N | Y | Y | Dust/debris on supply vent and ceiling |
| Library-rear | 582 | ND | 76 | 24 | 4 | 3 | ND | N | Y | Y | Broken window gaskets, missing ceiling tiles |
| Clerks- front | 596 | ND | 75 | 20 | 3 | 12 | ND | N | Y | Y | Carpet tile, DEM |
| Clerks- middle | 710 | ND | 75 | 22 | 4 | 12 | ND | N | Y | Y | HS, AF |
| 304 | 650 | ND | 74 | 22 | 3 | 1 | ND | N | Y | Y | Personal heater, plants |
| 302 | 643 | ND | 74 | 22 | 3 | 2 | ND | N | Y | Y | HS, AF, plants |
| 303 | 618 | ND | 73 | 22 | 3 | 1 | ND | N | Y | Y | AI, blocked fan coil vent |
| Superior-Clerks | 612 | ND | 73 | 21 | 5 | 5 | ND | N | Y | Y | Dusty vents/soot |
| Superior-Probation | 629 | ND | 73 | 22 | 4 | 7 | ND | N | Y | Y | Dusty vents |
| 338 | 665 | ND | 74 | 22 | 5 | 2 | ND | N | Y | Y | CPs |
| 339 | 725 | ND | 74 | 22 | 4 | 2 | ND | N | Y | Y | CPs |
| 343 | 655 | ND | 73 | 23 | 3 | 0 | ND | N | Y | Y | DEM |
| 344 | 677 | ND | 72 | 23 | 4 | 0 | ND | N | Y | Y |  |
| 341 | 677 | ND | 72 | 23 | 3 | 1 | ND | N | Y | Y |  |
| 346 | 719 | ND | 72 | 27 | 3 | 2 | ND | N | Y | Y | NC |
| 337 | 784 | ND | 73 | 26 | 4 | 2 | ND | N | Y | Y |  |
| 340 | 661 | ND | 72 | 24 | 4 | 1 | ND | N | Y | Y | PF |
| 342 | 656 | ND | 72 | 23 | 3 | 0 | ND | N | Y | Y | HS |
| Courtroom 6 | 541 | ND | 72 | 21 | 2 | 0 | ND | N | Y | Y |  |
| Courtroom 5 | 524 | ND | 72 | 21 | 1 | 0 | ND | N | Y | Y |  |
| Jury Room | 549 | ND | 73 | 20 | 2 | 1 | ND | N | Y | Y |  |
| Courtroom 2 | 539 | ND | 73 | 20 | 2 | 12 | ND | N | Y | Y |  |
| Courtroom 1 | 511 | ND | 72 | 20 | 1 | 0 | ND | N | Y | Y |  |
| 347A | 559 | ND | 73 | 20 | 2 | 1 | ND | N | Y | Y |  |
| 347 | 759 | ND | 74 | 20 | 2 | 0 | ND | N | Y | Y |  |
| Jury C | 492 | ND | 74 | 18 | 3 | 0 | ND | N | Y | Y |  |
| Jury D | 504 | ND | 73 | 18 | 4 | 0 | ND | N | Y | Y |  |
| DA- front | 570 | ND | 73 | 20 | 4 | 4 | ND | N | Y | Y |  |
| 350 | 529 | ND | 74 | 20 | 2 | 0 | ND | N | Y | Y | AI |
| 351 | 544 | ND | 74 | 20 | 1 | 0 | ND | N | Y | Y | DEM, HS, carpet |
| 352 | 547 | ND | 73 | 20 | 2 | 0 | ND | N | Y | Y |  |
| 358 | 581 | ND | 73 | 19 | 3 | 0 | ND | N | Y | Y | MT, dusty vents |
| 359 | 542 | ND | 73 | 20 | 1 | 0 | ND | N | Y | Y | AI |
| 353 | 557 | ND | 73 | 20 | 3 | 0 | ND | N | Y | Y | HS |
| 360 | 530 | ND | 73 | 20 | 1 | 0 | ND | N | Y | Y | Holes/pathways |
| 354 | 519 | ND | 72 | 19 | 2 | 0 | ND | N | Y | Y | HS |
| Break | 614 | ND | 73 | 20 | 3 | 4 | ND | N | Y | Y |  |
| 361 | 505 | ND | 73 | 21 | 3 | 0 | ND | N | Y | Y |  |
| 366 main | 510 | ND | 73 | 19 | 1 | 0 | ND | N | Y | Y |  |
| 369 | 500 | ND | 72 | 20 | 1 | 0 | ND | N | Y | Y |  |
| 368 | 509 | ND | 72 | 19 | 2 | 0 | ND | N | Y | Y | Carpet |
| 367 | 516 | ND | 73 | 20 | 2 | 0 | ND | N | Y | Y | AI, HS, plants |
| Rear corner | 510 | ND | 73 | 19 | 3 | 0 | ND | N | Y | Y |  |
| **2nd Floor** |  |  |  |  |  |  |  |  |  |  |  |
| 242 | 474 | ND | 70 | 22 | 3 | 0 | ND | N | Y | Y | Dust/debris-vents/CT, WD CTs |
| 244 | 523 | ND | 70 | 22 | 3 | 0 | ND | N | Y | Y | Dust/debris-vents/CT, plants |
| 241 | 496 | ND | 69 | 22 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents |
| 241A | 494 | ND | 69 | 23 | 3 | 0 | ND | N | Y | Y |  |
| District Courtroom 10 | 458 | ND | 71 | 21 | 2 | 0 | ND | N | Y | Y |  |
| District Courtroom 9 | 452 | ND | 72 | 20 | 2 | 2 | ND | N | Y | Y |  |
| G48 | 440 | ND | 70 | 24 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents |
| Superior Courtroom 8 | 451 | ND | 72 | 20 | 2 | 0 | ND | N | Y | Y |  |
| Superior Courtroom 7 | 506 | ND | 72 | 20 | 2 | 0 | ND | N | Y | Y |  |
| District Courtroom 3 | 444 | ND | 72 | 20 | 2 | 0 | ND | N | Y | Y |  |
| District Courtroom 5 | 441 | ND | 72 | 20 | 3 | 0 | ND | N | Y | Y |  |
| District Courtroom 6 | 444 | ND | 72 | 20 | 2 | 0 | ND | N | Y | Y |  |
| 228 Lounge | 533 | ND | 73 | 21 | 2 | 3 | ND | N | Y | Y |  |
| 210A | 515 | ND | 74 | 19 | 2 | 1 | ND | N | Y | Y |  |
| 210 | 501 | ND | 74 | 18 | 2 | 1 | ND | N | Y | Y | HS, plants |
| 209 | 486 | ND | 74 | 18 | 2 | 0 | ND | N | Y | Y | Plants, WD CT |
| 208 | 468 | ND | 73 | 19 | 3 | 0 | ND | N | Y | Y | Dusty vent |
| 207 main | 482 | ND | 72 | 20 | 1 | 0 | ND | N | Y | Y | HS |
| Lobby B | 494 | ND | 73 | 21 | 1 | 0 | ND | N | Y | Y | Carpet, WD CT near window |
| Lobby A | 543 | ND | 73 | 22 | 2 | 1 | ND | N | Y | Y | Plants |
| 206 | 523 | ND | 73 | 20 | 3 | 0 | ND | N | Y | Y |  |
| 205 | 525 | ND | 72 | 20 | 4 | 1 | ND | N | Y | Y |  |
| 204 | 514 | ND | 72 | 21 | 3 | 0 | ND | N | Y | Y | Plants, HS |
| Lobby B | 527 | ND | 72 | 21 | 1 | 0 | ND | N | Y | Y | Plants |
| Lobby A | 529 | ND | 72 | 22 | 2 | 1 | ND | N | Y | Y | WD CTs |
| 246C | 501 | ND | 70 | 21 | 2 | 0 | ND | N | Y | Y | Plant |
| 246 | 519 | ND | 69 | 21 | 2 | 0 | ND | N | Y | Y | Soiled carpet |
| 246E | 545 | ND | 70 | 22 | 3 | 1 | ND | N | Y | Y | Missing ceiling tile |
| Jury | 499 | ND | 72 | 19 | 4 | 0 | ND | N | Y | Y | WD (buckets near window) |
| 249A | 510 | ND | 73 | 19 | 3 | 1 | ND | N | Y | Y | Missing CT, carpet stained |
| 249 | 505 | ND | 72 | 19 | 7 | 1 | ND | N | Y | Y | Old, soiled/torn carpet |
| Lobby B | 516 | ND | 72 | 19 | 10 | 1 | ND | N | Y | Y | WD CT (painted over) |
| 250 | 554 | ND | 72 | 20 | 4 | 0 | ND | N | Y | Y | Vacant |
| Director security | 509 | ND | 73 | 19 | 3 | 1 | ND | N | Y | Y | AI |
| Chief court officer | 543 | ND | 72 | 19 | 3 | 1 | ND | N | Y | Y | WD CT |
| 230 | 476 | ND | 71 | 19 | 3 | 0 | ND | N | Y | Y | Old lockup now storage |
| Small claims | 495 | ND | 72 | 20 | 3 | 9 | ND | N | Y | Y | Photocopier, HS |
| 214 | 511 | ND | 72 | 19 | 3 | 0 | ND | N | Y | N |  |
| 215 | 531 | ND | 72 | 20 | 3 | 0 | ND | N | Y | Y |  |
| 213 | 533 | ND | 73 | 19 | 3 | 0 | ND | N | Y | Y |  |
| 211 | 626 | ND | 73 | 21 | 2 | 2 | ND | N | Y | Y |  |
| **1st Floor** |  |  |  |  |  |  |  |  |  |  |  |
| 121 | 480 | ND | 71 | 21 | 2 | 0 | ND | N | Y | Y | Carpeting |
| 121A | 484 | ND | 72 | 22 | 2 | 0 | ND | N | Y | Y | 4 WD CT, Dust/debris-vents/CTs |
| 121B | 488 | ND | 72 | 21 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents/CTs, plants, 2 WD CTs |
| Police Room | 530 | ND | 71 | 21 | 3 | 3 | ND | N | Y | Y | Dust/debris-vents/CTs |
| 109 | 522 | ND | 72 | 22 | 2 | 0 | ND | N | Y | Y | PC |
| DC Clerk Criminal | 508 | ND | 73 | 23 | 4 | 9 | ND | N | Y | Y | PC |
| 104 | 515 | ND | 73 | 22 | 2 | 0 | ND | N | Y | Y |  |
| 103 | 529 | ND | 72 | 22 | 3 | 0 | ND | N | Y | Y |  |
| 102 | 601 | ND | 74 | 24 | 2 | 0 | ND | N | Y | Y | Plug-in AF |
| Cash Office | 663 | ND | 75 | 22 | 2 | 4 | ND | N | Y | Y | Carpeting, plants |
| 108 | 503 | ND | 74 | 19 | 3 | 0 | ND | N | Y | Y | Dust/debris-vents/CTs |
| Prosecutor Main Work Area | 675 | ND | 72 | 22 | 2 | 3 | ND | N | Y | Y | CF |
| 115 | 530 | ND | 72 | 21 | 8 | 0 | ND | N | Y | Y | Dust/debris-vents/CTs |
| 116 | 509 | ND | 72 | 21 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents/CTs, carpeting |
| 117 | 491 | ND | 72 | 20 | 5 | 0 | ND | N | Y | Y | Dust/debris-vents/CTs, carpeting |
| 119 | 496 | ND | 72 | 21 | 5 | 0 | ND | N | Y | Y | Dust/debris-vents/CTs |
| 120 | 493 | ND | 72 | 21 | 2 | 3 | ND | N | Y | Y | Dust/debris-vents/CTs, carpeting |
| 114 | 582 | ND | 72 | 21 | 2 | 3 | ND | N | Y | Y | Dust/debris-vents |
| 138 | 577 | ND | 72 | 22 | 2 | 0 | ND | N | Y | Y | CF |
| Bar Association Lounge | 590 | ND | 72 | 23 | 4 | 5 | ND | N | Y | Y | Dust/debris-vents/CTs |
| 137 | 600 | ND | 73 | 23 | 1 | 3 | ND | N | Y | Y | Dust/debris-vents/CTs |
| 138 | 540 | ND | 72 | 22 | 2 | 0 | ND | N | Y | Y | Dust/debris-vents, carpet, WD CT |
| 135 | 536 | ND | 72 | 21 | 2 | 1 | ND | N | Y | Y | Dust/debris-vents, WD CTs, carpet |
| 167 | 519 | ND | 73 | 21 | 3 | 7 | ND | N | Y | Y | Dust/debris-vents, carpet squares |
| 145 | 479 | ND | 73 | 20 | 2 | 0 | ND | N | Y | Y |  |
| 146 | 525 | ND | 75 | 21 | 3 | 1 | ND | N | Y | Y |  |
| 147 | 563 | ND | 74 | 22 | 20 | 1 | ND | N | Y | Y | 3 WD CTs, AF odors |
| 148 | 537 | ND | 74 | 19 | 3 | 0 | ND | N | Y | Y | Plants |
| 149 | 470 | ND | 73 | 19 | 3 | 0 | ND | N | Y | Y | Plants, dust/debris-vents/CTs |
| 150 | 562 | ND | 73 | 20 | 3 | 2 | ND |  |  |  |  |
| 151 | 537 | ND | 74 | 19 | 2 | 1 | ND | N | Y | Y | Plants |
| 152 | 508 | ND | 74 | 20 | 4 | 0 | ND | N | Y | Y |  |
| 153 | 528 | ND | 75 | 18 | 3 | 1 | ND | N | Y | Y | Loose vent |
| 143 | 577 | ND | 75 | 19 | 3 | 3 | ND | N | Y | Y | Dust/debris-vents |
| 155 | 511 | ND | 75 | 19 | 6 | 0 | ND | N | Y | Y | WD CT |
| 156 | 514 | ND | 74 | 18 | 5 | 0 | ND | N | Y | Y |  |
| Break Area | 523 | ND | 75 | 19 | 4 | 1 | ND | N | Y | Y |  |
| 160 | 495 | ND | 76 | 17 | 4 | 0 | ND | N | Y | Y |  |
| 159 | 545 | ND | 75 | 19 | 4 | 1 | ND | N | Y | Y | Dust/debris-vents |
| 158 | 443 | ND | 75 | 17 | 3 | 0 | ND | N | Y | Y | Dust/debris-vents/cobwebs |
| 157 | 550 | ND | 75 | 20 | 4 | 1 | ND | N | Y | Y |  |
| 142 | 487 | ND | 75 | 18 | 3 | 2 | ND | N | Y | Y | Dust/debris-vents |
| 141 | 450 | ND | 75 | 17 | 3 | 0 | ND | N | Y | Y |  |
| 161 | 507 | ND | 75 | 18 | 3 | 2 | ND | N | Y | Y |  |
| 164 | 536 | ND | 75 | 17 | 3 | 0 | ND | N | Y | Y |  |
| 163 | 661 | ND | 75 | 17 | 7 | 0 | ND | N | Y | Y | Dust/debris-vents/CT |
| 166 | 470 | ND | 75 | 17 | 4 | 0 | ND | N | Y | Y | Dust/debris-vents/CT |
| 165 | 525 | ND | 75 | 18 | 3 | 1 | ND | N | Y | Y | Dust/debris-vents |
| 140 | 569 | ND | 75 | 18 | 5 | 2 | ND | N | Y | Y | Dust/debris-vents |
| 138 | 463 | ND | 75 | 17 | 3 | 1 | ND | N | Y | Y | Dust/debris-vents, WD CT |
| 131 | 527 | ND | 74 | 19 | 2 | 1 | ND | N | Y | Y |  |
| District Courtroom 2 | 462 | ND | 74 | 18 | 3 | 2 | ND | N | Y | Y |  |
| Main Lobby | 478 | ND | 71 | 19 | 4 | 15 | ND | N | Y | Y |  |

| Location | Carbon  Dioxide  (ppm) | Carbon Monoxide  (ppm) | Temp  (°F) | Relative  Humidity  (%) | PM2.5  (µg/m3) | Occupants  in Room | TVOCs (ppm) | Windows  Openable | Ventilation | | Remarks |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supply | Exhaust |
| Background (outdoors) | 470 | ND | 54 | 78 | 44 | - | ND | - | - | - |  |
| District Courtroom 1 | 520 | ND | 73 | 45 | 3 | 0 | ND | N | Y | Y | Dust/debris-vents |
| District Courtroom 4 | 514 | ND | 72 | 46 | 3 | 0 | ND | N | Y | Y |  |
| Conference Room A | 533 | ND | 73 | 45 | 5 | 0 | ND | N | Y | Y | Dust/debris-vents |
| Conference Room B | 504 | ND | 72 | 46 | 3 | 6 | ND | N | Y | Y |  |
| Wood Shop | 672 | ND | 67 | 51 | 19 | 4 | ND | N | Y | N | DIY large particulate wood dust filter (recirculates only) |

| **Location** | **Mercury Level**  **(µg/m3)** |
| --- | --- |
| Background (outdoors) | 0.019 |
| **4th Floor** | |
| 422 | 0.007 |
| 421 | 0.010 |
| 420 | 0.010 |
| 419 | 0.011 |
| 4th floor elevator lobby | 0.012 |
| 428 | 0.011 |
| 428 R | 0.012 |
| 428 L | 0.010 |
| 430 | 0.011 |
| Jury Pool | 0.013-0.015 |
| Probate Court 4 | 0.014 |
| Probate reception | 0.016 |
| Probate vault | 0.002-0.009 |
| 439 | 0.003 |
| 437 | 0.004 |
| 435 | 0.005 |
| 431 A | 0.009 |
| 434 | 0.013 |
| 433 | 0.013 |
| 432 | 0.013 |
| 431 | 0.012 |
| Main lobby | 0.010-0.014 |
| Deed reception | 0.013 |
| 407 | 0.013 |
| Deeds stacks | 0.009-0.012 |
| Deeds front desk | 0.009-0.011 |
| Deeds printer | 0.010 |
| Deeds corner office | 0.010 |
| 403 | 0.009 |
| 404 | 0.008 |
| 408A | 0.010 |
| 406 | 0.011 |
| 409 | 0.009 |
| 411 | 0.012 |
| Deeds recorder | 0.009 |
| 412 | 0.009 |
| 413 | 0.009 |
| Deeds archives | 0.009 |
| 402 | 0.007 |
| 401 | 0.006 |
| Deeds breakroom | 0.010 |
| **3rd Floor** | |
| 331 | 0.010 |
| 347B | 0.010 |
| 347 | 0.010 |
| 347A | 0.011 |
| 348 | 0.009 |
| 320 A | 0.010 |
| 320 B | 0.010 |
| 320 | 0.009 |
| 3rd floor elevator lobby | 0.010 |
| 3rd floor lock up | 0.009 |
| 330 | 0.007 |
| 334 | 0.008 |
| DA reception | 0.011 |
| DA office | 0.008 |
| DA assistant | 0.008 |
| 366 | 0.008 |
| DA office | 0.010 |
| 361 | 0.011 |
| 368 | 0.009 |
| 369 | 0.010 |
| 361 | 0.009 |
| 363 | 0.008 |
| 362 | 0.007 |
| 364 | 0.007 |
| 367 | 0.009 |
| 365 | 0.010 |
| 373 | 0.009 |
| 372 | 0.007 |
| 371 | 0.002 |
| DA break room | 0.006 |
| 360 | 0.008 |
| 354 | 0.008 |
| 353 | 0.010 |
| 359 | 0.009 |
| 358 | 0.008 |
| 352 | 0.009 |
| 351 | 0.009 |
| 356 | 0.007 |
| 350 | 0.008 |
| 350 A | 0.009 |
| 336 | 0.007 |
| 337 | 0.008 |
| 346 | 0.004 |
| 342 | 0.007 |
| 341 | 0.008 |
| 305 | 0.007 |
| 302 | 0.009 |
| 310 | 0.008 |
| 309 | 0.007 |
| Probation reception | 0.010 |
| Probation main desk | 0.009 |
| 342 | 0.005 |
| 345 | 0.007 |
| 344 | 0.005 |
| 343 | 0.006 |
| 339 | 0.006 |
| 340 | 0.006 |
| 302 | 0.008 |
| 303 | 0.007 |
| 304 | 0.005 |
| Superior Clerk Civil | 0.009 |
| Superior Clerk Criminal | 0.009 |
| Library | 0.007 |
| 320 A | 0.009 |
| 320 B | 0.009 |
| 320 | 0.009 |
| 317 B | 0.010 |
| 317 A | 0.009 |
| 317 | 0.008 |
| 315 | 0.007 |
| 3rd floor jury room B | 0.009 |
| **2nd Floor** | |
| District Clerk of Court reception | 0.010 |
| District Clerk of Court main office | 0.009 |
| 211 | 0.009 |
| District Clerk of Court | 0.010 |
| 228 | 0.009 |
| 213 | 0.010 |
| 212 | 0.011 |
| 215 | 0.011 |
| District Clerk of Court vault | 0.008 |
| District Clerk of Court conference room | 0.008 |
| 218 | 0.010 |
| 219 | 0.009 |
| 214 | 0.007 |
| 230 | 0.009 |
| Court office | 0.010 |
| Director of Security  HCBA | 0.010 |
| 246 C | 0.010 |
| 246 | 0.010 |
| 249 A | 0.010 |
| 249 B | 0.011 |
| 210A | 0.002 |
| 210 | 0.002 |
| 209 | 0.003 |
| 208 | 0.002 |
| 204 A | 0.005 |
| 204 | 0.002 |
| 204 B | 0.004 |
| 205 | 0.003 |
| 207 A | 0.002 |
| 207 | 0.002 |
| 207 B | 0.003 |
| **1st Floor** | |
| Main lobby | 0.008 |
| District Court cash office | 0.010 |
| 105 | 0.010 |
| 107 | 0.008 |
| 102 | 0.007 |
| 103 | 0.006 |
| 104 | 0.007 |
| 111 | 0.006 |
| District Court criminal clerk | 0.006 |
| 108 | 0.007 |
| 109 | 0.007 |
| Break room | 0.007 |
| Clerk of Court office | 0.009 |
| 101 | 0.006 |
| 198 A | 0.009 |
| Court service | 0.010 |
| 124 | 0.009 |
| 140 | 0.010 |
| 140 A | 0.011 |
| 121 B | 0.010 |
| 121 | 0.009 |
| 121 A | 0.008 |
| District Court Probation | 0.011 |
| Probation Main Office | 0.009 |
| 143 | 0.008 |
| 145 | 0.007 |
| 146 | 0.007 |
| 147 | 0.008 |
| 148 | 0.007 |
| 149 | 0.009 |
| 150 | 0.009 |
| 151 | 0.009 |
| 152 | 0.010 |
| 153 | 0.010 |
| 157 | 0.009 |
| 154 | 0.008 |
| 158 | 0.009 |
| 155 | 0.008 |
| 159 | 0.008 |
| 156 | 0.007 |
| 160 | 0.007 |
| Lounge | 0.008 |
| 164 | 0.009 |
| 163 | 0.007 |
| 166 | 0.009 |
| 162 | 0.005 |
| Attorney lounge | 0.002 |
| 107 | 0.002 |
| DA office | 0.002 |
| DA office | 0.002 |
| 108A | 0.003 |
| 161 | 0.005 |
| 165 | 0.004 |
| 162 | 0.006 |
| DA Conference room | 0.002 |
| DA Main office | 0.002 |
| DA office | 0.002 |
| DA office | 0.002 |
| DA break room | 0.002 |
| 115 | 0.002 |
| 120 | 0.002 |
| 119 | 0.002 |
| 117 | 0.002 |
| 116 | 0.002 |
| Main Lobby security | 0.002 |
| Main Lobby Information desk | 0.003 |
| **Court Sessions** | |
| DC court 4 | 0.003 |
| DC court 3 | 0.005 |
| DC court 5 | 0.005 |
| DC court 6 | 0.004 |
| DC court 1 | 0.004 |
| DC court 2 | 0.005 |
| DC court 7 | 0.004 |
| DC court 8 | 0.003 |
| DC court 9 | 0.003 |
| DC court 11 | 0.002 |
| SC court 2 | 0.005 |
| SC court 1 | 0.004 |
| SC court 4 | 0.004 |
| SC court 3 | 0.004 |
| SC court 5 | 0.003 |
| SC court 6 | 0.003 |
| **Ground floor** | |
| G Snack Bar | 0.006 |
| G38 | 0.008 |

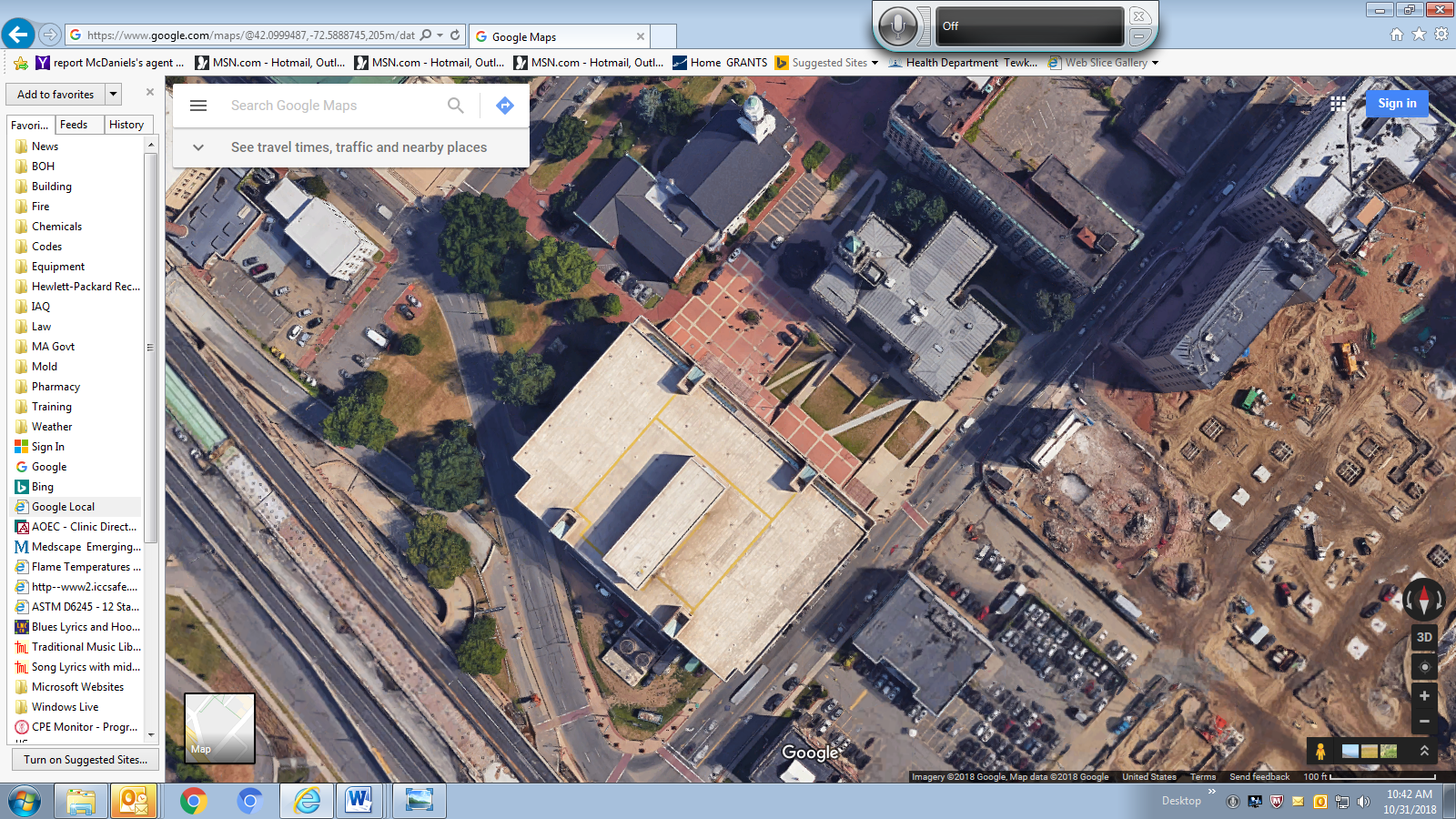
|  |  |  |  |
| --- | --- | --- | --- |
| **HVAC component** | **Expected Service Life Defined by ASHRAE[[1]](#footnote-1),[[2]](#footnote-2)** | **Current Age of equipment beyond ASHRAE service life (date of construction = 1973)** | **Percentage of Exceedance of Actual Service Life compared to ASHRAE service life** |
| Fan coil unit | 20 | 45 | 225 % |
| Ductwork | 30 | 45 | 150 % |
| Dampers | 20 | 45 | 225 % |
| Insulation, molded | 20 | 45 | 225 % |
| Insulation blankets | 24 | 45 | 180 % |
| Controls electric | 16 | 45 | 280 % |
| Controls electronic | 15 | 45 | 300 % |
| Air terminals-diffusers, grilles and registers | 27 | 45 | 167 % |

**Picture 1**

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**View of Roderick Ireland Courthouse (RIC) from I-91**

**Picture 2**

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RIC

HJC

**RIC and Housing-Juvenile Court (HJC)**

**Picture 3**



**Ground level HVAC system fresh air intake**

**Picture 4**



**Fresh air diffuser (Note discoloration on ceiling tiles)**

**Picture 5**

****

**Fan coil unit (FCU)**

**Picture 6**

****

**Condensation collector coated with scale**

**Picture 7**

****

**Corrosion on FCU motor cover, flexible steel electric conduit, and the underside of the drip pan**

**Picture 8**

****

**An uninsulated copper pipe beneath water-damaged fiberglass insulation**

**Picture 9**

****

**Frayed insulation on FCU cover**

**Picture 10**

****

**FCU filter medium that needs to be physically cut to size**

**Picture 11**

****

**Dust/debris/staining on vents and surrounding ceiling tiles**

**Picture 12**

****

**Dust/debris/staining on vents and surrounding ceiling tiles**

**Picture 13**

****

**Water-damaged ceiling tiles**

**Picture 14**

****

**Water-damaged ceiling tiles**

**Picture 15**

****

**Plant with leaking water on countertop**

1. Expected service life with routine maintenance. Service life can be reduced if equipment was not routinely maintained. [↑](#footnote-ref-1)
2. ASHRAE 1991 Applications Handbook, Table 3, page 33.3 [↑](#footnote-ref-2)