

This astronomical chart displays the Northern Hemisphere, centered on the constellation Virgo. The chart includes the following constellations and features:

- Constellations:** Ursa Major, Ursa Minor, Boötes, Canes Venatici, Coma Berenices, Leo, Sextans, Crater, Corvus, Libra, Lupus, Centaurus, Norma, Circinus, Triangulum Australe, Apus, Musca, Chamaeleon, Volans, Carina, Puppis, Vela, Antlia, Pyxis, Hydra, Cancer, Lynx, Auriga, Perseus, Taurus, Orion, Eridanus, Lepus, Columba, Pictor, Dorado, Hydrus, and Octans.
- Key Stars:** Dubhe, Merak, Polaris, Kochab, Alkaid, Mizar, Altair, Arcturus, Denebola, Regulus, Alpheratz, Rigel, Saiph, and Canopus.
- Galactic Features:** A thick black arc represents the ecliptic, with the Sun's position marked for December 2, 2022. A yellow line indicates the galactic plane.
- Deep Sky Objects:** NGC 1545, NGC 1499, NGC 2281, NGC 2169, NGC 2301, NGC 2451, NGC 2547, NGC 2391, NGC 2516, NGC 2070, NGC 3532, NGC 3114, NGC 3766, NGC 2944, NGC 2602, NGC 3228, NGC 5460, NGC 5139, NGC 5662, NGC 6067, NGC 6087, NGC 6124, IC 4592, M 13, M 37, M 35, M 44, M 48, M 46, M 93, M 41, M 42, M 45, M 47, M 50, M 51, M 52, M 53, M 54, M 55, M 56, M 57, M 58, M 59, M 60, M 61, M 62, M 63, M 64, M 65, M 66, M 67, M 68, M 69, M 70, M 71, M 72, M 73, M 74, M 75, M 76, M 77, M 78, M 79, M 80, M 81, M 82, M 83, M 84, M 85, M 86, M 87, M 88, M 89, M 90, M 91, M 92, M 93, M 94, M 95, M 96, M 97, M 98, M 99, M 100, M 101, M 102, M 103, M 104, M 105, M 106, M 107, M 108, M 109, M 110, M 111, M 112, M 113, M 114, M 115, M 116, M 117, M 118, M 119, M 120, M 121, M 122, M 123, M 124, M 125, M 126, M 127, M 128, M 129, M 130, M 131, M 132, M 133, M 134, M 135, M 136, M 137, M 138, M 139, M 140, M 141, M 142, M 143, M 144, M 145, M 146, M 147, M 148, M 149, M 150, M 151, M 152, M 153, M 154, M 155, M 156, M 157, M 158, M 159, M 160, M 161, M 162, M 163, M 164, M 165, M 166, M 167, M 168, M 169, M 170, M 171, M 172, M 173, M 174, M 175, M 176, M 177, M 178, M 179, M 180, M 181, M 182, M 183, M 184, M 185, M 186, M 187, M 188, M 189, M 190, M 191, M 192, M 193, M 194, M 195, M 196, M 197, M 198, M 199, M 200, M 201, M 202, M 203, M 204, M 205, M 206, M 207, M 208, M 209, M 210, M 211, M 212, M 213, M 214, M 215, M 216, M 217, M 218, M 219, M 220, M 221, M 222, M 223, M 224, M 225, M 226, M 227, M 228, M 229, M 230, M 231, M 232, M 233, M 234, M 235, M 236, M 237, M 238, M 239, M 240, M 241, M 242, M 243, M 244, M 245, M 246, M 247, M 248, M 249, M 250, M 251, M 252, M 253, M 254, M 255, M 256, M 257, M 258, M 259, M 260, M 261, M 262, M 263, M 264, M 265, M 266, M 267, M 268, M 269, M 270, M 271, M 272, M 273, M 274, M 275, M 276, M 277, M 278, M 279, M 280, M 281, M 282, M 283, M 284, M 285, M 286, M 287, M 288, M 289, M 290, M 291, M 292, M 293, M 294, M 295, M 296, M 297, M 298, M 299, M 300, M 301, M 302, M 303, M 304, M 305, M 306, M 307, M 308, M 309, M 310, M 311, M 312, M 313, M 314, M 315, M 316, M 317, M 318, M 319, M 320, M 321, M 322, M 323, M 324, M 325, M 326, M 327, M 328, M 329, M 330, M 331, M 332, M 333, M 334, M 335, M 336, M 337, M 338, M 339, M 340, M 341, M 342, M 343, M 344, M 345, M 346, M 347, M 348, M 349, M 350, M 351, M 352, M 353, M 354, M 355, M 356, M 357, M 358, M 359, M 360, M 361, M 362, M 363, M 364, M 365, M 366, M 367, M 368, M 369, M 370, M 371, M 372, M 373, M 374, M 375, M 376, M 377, M 378, M 379, M 380, M 381, M 382, M 383, M 384, M 385, M 386, M 387, M 388, M 389, M 390, M 391, M 392, M 393, M 394, M 395, M 396, M 397, M 398, M 399, M 400, M 401, M 402, M 403, M 404, M 405, M 406, M 407, M 408, M 409, M 410, M 411, M 412, M 413, M 414, M 415, M 416, M 417, M 418, M 419, M 420, M 421, M 422, M 423, M 424, M 425, M 426, M 427, M 428, M 429, M 430, M 431, M 432, M 433, M 434, M 435, M 436, M 437, M 438, M 439, M 440, M 441, M 442, M 443, M 444, M 445, M 446, M 447, M 448, M 449, M 450, M 451, M 452, M 453, M 454, M 455, M 456, M 457, M 458, M 459, M 460, M 461, M 462, M 463, M 464, M 465, M 466, M 467, M 468, M 469, M 470, M 471, M 472, M 473, M 474, M 475, M 476, M 477, M 478, M 479, M 480, M 481, M 482, M 483, M 484, M 485, M 486, M 487, M 488, M 489, M 490, M 491, M 492, M 493, M 494, M 495, M 496, M 497, M 498, M 499, M 500, M 501, M 502, M 503, M 504, M 505, M 506, M 507, M 508, M 509, M 510, M 511, M 512, M 513, M 514, M 515, M 516, M 517, M 518, M 519, M 520, M 521, M 522, M 523, M 524, M 525, M 526, M 527, M 528, M 529, M 530, M 531, M 532, M 533, M 534, M 535, M 536, M 537, M 538, M 539, M 540, M 541, M 542, M 543, M 544, M 545, M 546, M 547, M 548, M 549, M 550, M 551, M 552, M 553, M 554, M 555, M 556, M 557, M 558, M 559, M 560, M 561, M 562, M 563, M 564, M 565, M 566, M 567, M 568, M 569, M 570, M 571, M 572, M 573, M 574, M 575, M 576, M 577, M 578, M 579, M 580, M 581, M 582, M 583, M 584, M 585, M 586, M 587, M 588, M 589, M 590, M 591, M 592, M 593, M 594, M 595, M 596, M 597, M 598, M 599, M 600, M 601, M 602, M 603, M 604, M 605, M 606, M 607, M 608, M 609, M 610, M 611, M 612, M 613, M 614, M 615, M 616, M

Magnitude scale: 5.0 4.0 3.0 2.0 1.0 0.0 -1.0 -2.0

 Galaxy
  Bright nebula
  Open cluster
  Globular cluster
  Planetary nebula

Date	Mag
2022 Nov 27	9.3
2022 Dec 17	8.3
2023 Jan 1	7.4
2023 Jan 3	7.2
2023 Jan 16	6.2
2023 Jan 26	5.1
2023 Feb 14	6.2
2023 Feb 22	7.2
2023 Mar 1	7.9
2023 Mar 4	8.2
2023 Mar 17	9.2
2023 Apr 2	10.3
2023 Apr 22	11.3
2023 May 1	11.7