

WMAP Cosmological Parameters

Model: owcdm

Data: wmap9+spt+act+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.436^{+0.087}_{-0.086}$	$H_0$	$71.7 \pm 2.0$ km/s/Mpc
$A_{\text{clustered}}$	$< 10$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.8 \pm 2.3$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 16$ (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5751 \pm 33$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14221^{+88}_{-89}$ Mpc	$d_A(z_*)$	$14062 \pm 92$ Mpc
$D_v(z=0.57)/r_s(z_d)$	$13.57 \pm 0.17$	$\eta$	$(6.09 \pm 0.10) \times 10^{-10}$
$k_{\text{eq}}$	$0.00988 \pm 0.00026$	$\ell_{\text{eq}}$	$138.9 \pm 2.8$
$\ell_*$	$302.08 \pm 0.42$	$n_b$	$(2.500^{+0.041}_{-0.042}) \times 10^{-7}$ $\text{cm}^{-3}$
$n_s$	$0.9624 \pm 0.0097$	$\Omega_b$	$0.0434 \pm 0.0026$
$\Omega_b h^2$	$0.02226 \pm 0.00037$	$\Omega_c$	$0.220 \pm 0.014$
$\Omega_c h^2$	$0.1131 \pm 0.0037$	$\Omega_k$	$-0.0072^{+0.0042}_{-0.0043}$
$\Omega_k$	$-0.0150 < \Omega_k < 0.0020$ (95% CL)	$\Omega_\Lambda$	$0.743^{+0.018}_{-0.019}$
$\Omega_m$	$0.264 \pm 0.016$	$\Omega_m h^2$	$0.1353 \pm 0.0036$
$\Omega_{\text{tot}}$	$1.0072^{+0.0043}_{-0.0042}$	$\Omega_{\text{tot}}$	$1.00 < \Omega_{\text{tot}} < 1.01$ (95% CL)
$r_s(z_d)$	$152.9 \pm 1.0$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3504 \pm 0.0069$
$r_s(z_d)/D_v(z=0.2)$	$0.1892 \pm 0.0027$	$r_s(z_d)/D_v(z=0.35)$	$0.1122 \pm 0.0012$
$r_s(z_d)/D_v(z=0.44)$	$0.0916 \pm 0.0010$	$r_s(z_d)/D_v(z=0.54)$	$0.07705 \pm 0.00093$
$r_s(z_d)/D_v(z=0.57)$	$0.07371 \pm 0.00091$	$r_s(z_d)/D_v(z=0.6)$	$0.07073 \pm 0.00089$
$r_s(z_d)/D_v(z=0.73)$	$0.06078^{+0.00083}_{-0.00082}$	$r_s(z_*)$	$146.25 \pm 0.94$
$R$	$1.725 \pm 0.013$	$\sigma_8$	$0.858 \pm 0.035$
$\sigma_8 \Omega_m^{0.5}$	$0.440 \pm 0.015$	$\sigma_8 \Omega_m^{0.6}$	$0.385 \pm 0.014$
$A_{\text{SZ}}$	$< 1.1$ (95% CL)	$t_0$	$14.07 \pm 0.20$ Gyr
$\tau$	$0.082 \pm 0.012$	$\theta_*$	$0.010400 \pm 0.000014$
$\theta_*$	$0.59587 \pm 0.00083$ $^\circ$	$\tau_{\text{rec}}$	$284.4 \pm 1.9$
$t_{\text{reion}}$	$490^{+68}_{-69}$ Myr	$t_*$	$377054^{+3355}_{-3362}$ yr
$w$	$-1.19 \pm 0.12$	$z_d$	$1019.77 \pm 0.82$
$z_{\text{eq}}$	$3239^{+86}_{-85}$	$z_{\text{rec}}$	$1088.49^{+0.69}_{-0.68}$
$z_{\text{reion}}$	$10.0 \pm 1.0$	$z_*$	$1091.40 \pm 0.67$